

Guns

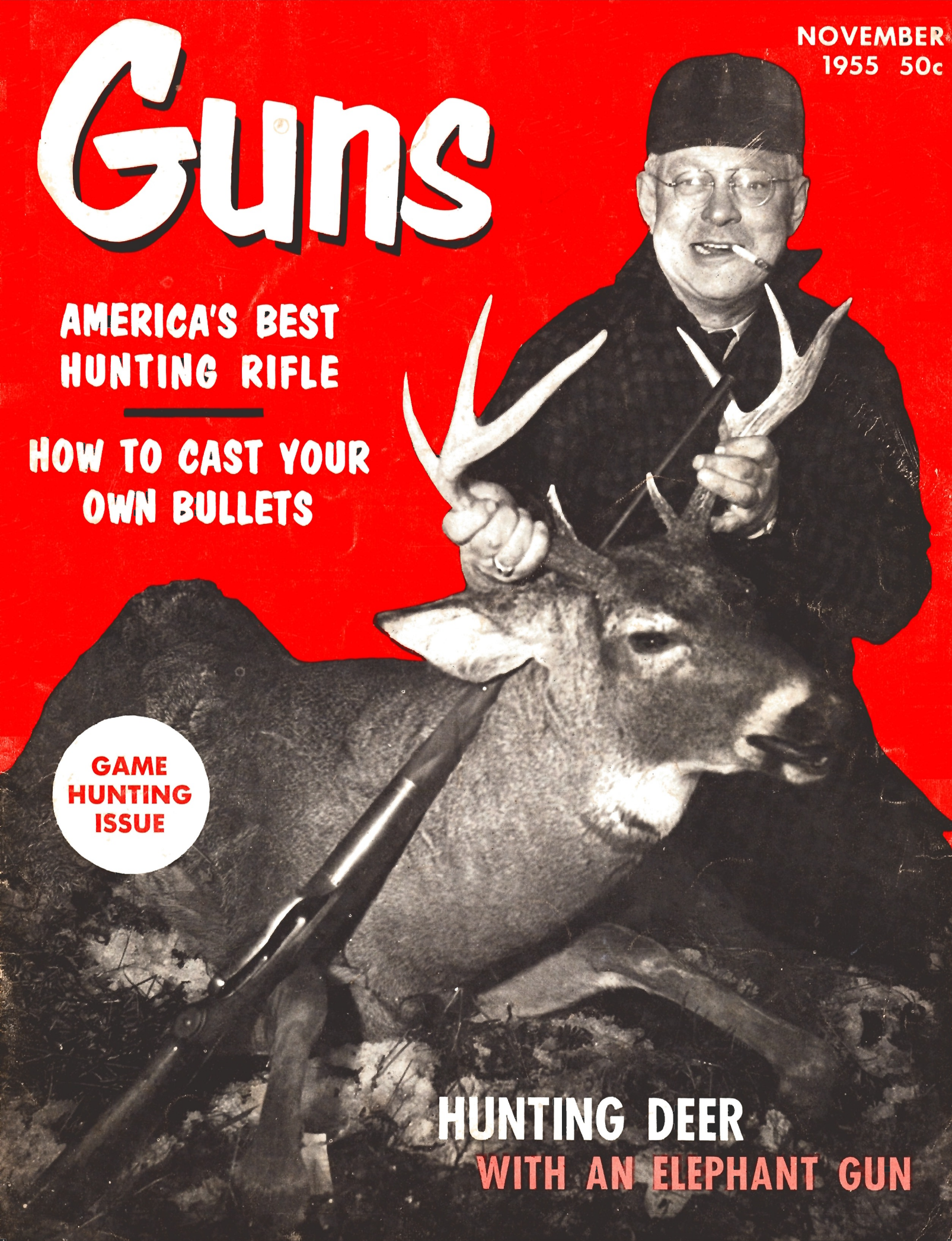
NOVEMBER
1955 50c

AMERICA'S BEST
HUNTING RIFLE

HOW TO CAST YOUR
OWN BULLETS

GAME
HUNTING
ISSUE

HUNTING DEER
WITH AN ELEPHANT GUN



Warshals SPORTING GOODS CO.

Order by Mail & Save . . . Money-back Guarantee

ESTABLISHED 1922 — N. W. COMPLETE SPORTS HEADQUARTERS
Speediest Service in N.W. & Alaska — Orders Filled Within 24 Hours

FACTORY CLOSE-OUT SALE

357 MAGNUM

Dual Tone—4" & 6" bbls.



CHALLENGER



4 1/2" barrel

.22 Long Rifle

Reg. Price \$52.50

just **\$42.50** Prepaid

reg. price

\$89.50

just **\$72.95** Prepaid

COLT

Military .45 Auto or the rare .455 Cal. Mfg. by Colt for England with English proof marks. Authentic in every way.



prepaid **\$34.50**

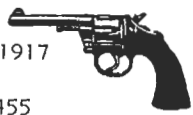
Extra magazines \$1.00 ea. \$10.00 doz.

COLT .45 A.C.P.

NEW SERVICE M/1917

45 Long Colt

Converted from .455



Prepaid

Very good **\$24.95**

COLT TROOPER .38 Special

with reg. hammer target stock reg. price

\$76.53 . . . our price, prepaid . . . **\$66.50**

COLT COBRA

.38 Special — 2" barrel

reg. price \$68.50 . . . our price

prepaid . . . **\$55.10**

S & W

M/1917 civil-ian original .455 cal.



or converted to

.45 A.C.P.

.45 Long Colt

Please specify calibre

Good

\$24.95

very good **\$29.95**

above prices prepaid

DEALERS: WRITE AT ONCE FOR YOUR CLOSE-OUT PRICES!

8 M.M. GERMAN MAUSERS



Military Model as Issued with M/98 Action — Headspaced

MILLED PARTS—Prepaid **\$39.50**

STAMPED PARTS—Prepaid **\$32.50**

ZEISS TYPE

BINOCULARS!!



Imported — Coated Optics — Made in Japan. Complete with Case and Strap. Tax Included.

Prepaid

6 x 20 Ind. Focus **\$19.95**
7 x 35 Ind. Focus **23.93**
7 x 50 Ind. Focus **23.95**
8 x 20 Ind. Focus **23.93**

SPORT LIFT

Prepaid

\$4.95



Rated to 1000 lbs. Weighs only 2 lbs. Hoists game for hanging or lifts a boat out of the water.



GUN RACKS

Knotty Walnut Pine

One-gun rack (one cross rail) **\$4.95** **\$4.45**
Two-gun rack (as shown) **7.75** **6.95**
Three-gun rack **8.95** **7.95**
Four-gun rack **9.95** **8.95**

RELOADING TOOLS

Prepaid

Pacific Standard, Complete . . . **\$28.50**
Pacific Super, Complete . . . **39.95**
Lyman Jr. complete **25.00**
Lyman 310 complete **15.75**
Lyman #45 lubricator & Sizer . . **16.00**
Lyman #55 powder measure . . **14.50**
Belding & Malt Powder Measure . **12.50**
Wilson Shell Trimmer **13.75**
Saco Melting Furnace **38.50**
Pacific Powder Scales **10.95**
Redding Powder Scales **14.00**

All DuPont & Hercules Powders

WARSHAL'S
SPORTING GOODS CO.
SEATTLE 4, WASHINGTON





A Gun can be a Symbol

Son:

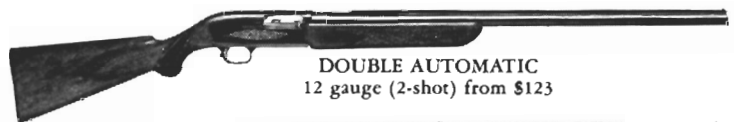
A gun can be a symbol. It is my way of showing you still another way to grow better. This gun can teach that you gain in pleasure, as well as by labor.

It can teach the pride of honesty; whether you hit or miss. Depending upon you alone, this gun may offer the thrill of accomplishment, sportsmanship in the field ... in life.

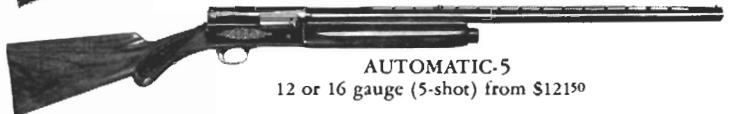
So I picked a gun as good as the life I wish for you. Inspiring; cut to an honest trim ... for you and your sons.

Dad

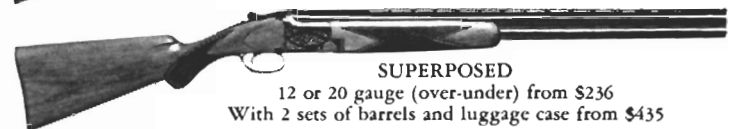
NOW! YOUR CHOICE OF 3 BROWNING SHOTGUNS
in many models and every specification for Hunting, Trap, Skeet



DOUBLE AUTOMATIC
12 gauge (2-shot) from \$123



AUTOMATIC-5
12 or 16 gauge (5-shot) from \$121⁵⁰



SUPERPOSED
12 or 20 gauge (over-under) from \$236
With 2 sets of barrels and luggage case from \$435

BEAUTIFUL BROWNING LIFETIME LUGGAGE CASE \$35
available for all models

Prices subject to change without notice.

The Browning principle of gunsmithing:

"Not how many; not how cheap
BUT HOW GOOD"

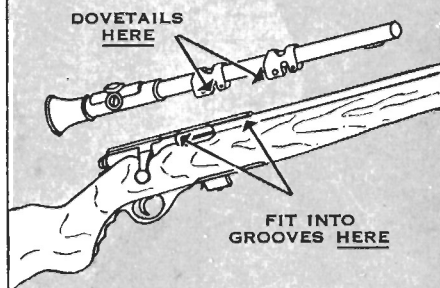
Your BROWNING Dealer

Write for descriptive literature and name of your nearest Browning dealer—Browning Arms Co., Dept. 60, St. Louis 3, Mo.
Please specify literature desired: "Automatic-5 Shotguns," "Double Automatic Shotguns," "Superposed Shotguns," "Automatic Pistols," "Luggage Cases."

CHECK YOUR RIFLE!

Is the receiver grooved?

If so, it will take Mossberg's 4-power 4M4 scope with patented Internal Adjustments and all lens surfaces hard coated.



The Mossberg 4M4 scope slides into grooved receivers easily and locks tight in a matter of seconds. No tapping, no drilling required. The following models can use a 4M4 scope:

MOSSBERG Models 140K,142,142K,142M,144,144LS, 146B,151K,151M,152,152K.

MARLIN 1954-55 Models 80C,80DL,81C,81DL, 88C,88DL,89C.

REMINGTON 1954-55 Models 511,512,513S,550.

SAVAGE 1954-55 Models 4,4S,5,5S,6,6S.

STEVENS 1954-55 Models 84,85,86,87.

WINCHESTER 1954-55 Models 61,69,72,74.



If your rifle's receiver is *not* grooved, ask for Mossberg scope 2M4, shown above. This has a CAST mount that screws to receiver and fits most all makes of .22 cal. rifles. Scope tube can be adjusted to high or low position. Both 4M4 and 2M4 scopes are priced at **\$9.95**. A wonderful buy!



MODEL "A"
"SPOTSHOT"
only \$29⁹⁵

MODEL "A"
STAND
only \$15⁹⁵

20-POWER SPOTTING SCOPE

Clearly defines 22 caliber bullet holes in the black at 100 yards under fair light. All lenses hard coated increasing light transmission 34%.

See your Mossberg dealer today for these wonderful buys. No sales at factory. Send for free catalog.



O. F. MOSSBERG & SONS, INC.
54511 St. John Street, New Haven 5, Conn.



CROSSFIRE

LETTERS TO THE EDITOR

City of Gun Makers

It was a real pleasure to read the article "City of Gunmakers" in the July 1955 edition of your magazine. I was impressed by the abundance of knowledge on Ferlach collected by the author and I believe that there are many Austrians who are not familiar with some of the historical highlights therein.

Your article makes us proud of the world's recognition of our fine gunsmith craft which can almost be called an art. Moreover, it will awaken the interest of American outdoor men in acquiring such a gun which not only is a proud possession for any shooter and hunter but also represents a means of survival for the craftsmen of this ancient art in the Austrian valley in these times of evergrowing mechanization.

It will help to preserve in this world of ours an art and skill which without support would be doomed to extinction. We Austrians would like to see the small group of masters in the art of "Buechsenmacherei" increase to a sizable number so that it will enrich the world and economically viewed, permit more talented youngsters in the rural areas for which the soil can no more provide, to practice this art and to live better.

S. Gorog
Austrian Embassy,
Washington, D. C.

Defense Of The Luger

It is not often that we see a man with a great knowledge of guns shoot as far off the mark as Colonel Askins does in the July issue of GUNS. I refer to his report on tests of various handgun loads and their tabulation on the merit system. In his conclusions, based on these facts, he lets the world know that the 9 m/m Luger cartridge is about the most useless and inadequate load in existence!

Not to make it a personal controversy, let me base this rebuttal, not on my own observation of 50 years, but rather on the findings of the military commissions of most of the world powers. Incidentally, I might say that these commissions perhaps spent in the aggregate as many thousand dollars as the good colonel had dollars to spend in his efforts to thus summarily controvert their findings.

Let us look at his tests: The .357 Magnum shows much more penetration than the pitiful 9 m/m. Ergo—the latter is no good; but somehow the military men figure that the penetration of the latter load is amply sufficient to penetrate a man's body with enough energy left to wound another back of him. Very likely, the .357 would mow down a whole line of men, but they are not set up for this kind of shooting. These ordnance

men did not set up a row of tin hats either to see how many could be punctured, nor did they try to break down a barrier of ice blocks.

Compared on the basis of power and penetration alone, the .357 would win easily, but as I see it, this cartridge has only one real advantage. It is the best tool for an officer chasing a fleeing auto. Beyond that, it has very little.

Many returned soldiers have told me that they were happy when they could get a Luger instead of their faithful 45, since they could do much better with the former than their hard kicking and inaccurate 45 automatic.

The Luger is easily the most accurate of military handguns, is easy to shoot and fully sufficient for its intended purpose. If power and penetration were the only desideratum in the selection of a military pistol, the English would be using today that most powerful of all automatics, the Mars; instead they simmered down to an easy to hold and to shoot revolver of .38 caliber, not even approaching our .38 Special in power.

The harsh criticism of Askins of the apparent weakness of the 9 m/m may have some reason in the ammunition he used. For some reason, best known to themselves, our ammunition makers have persistently underloaded foreign cartridges. Not to imply an ulterior motive in this, I hasten to say that I consider this fact to be a measure of self protection against law suits over blown-up guns. The early Lugers over here were notorious for malfunctions, until we remedied this by clipping off three or four turns of the action spring. Later the D.W.M. factory furnished pistols for America with lighter springs to balance the lower power of our miserable native cartridges.

Summing up the 9 m/m load is the nearest thing to an ideal army cartridge. Regardless of comparative power, it fills the bill in all reasonable respects.

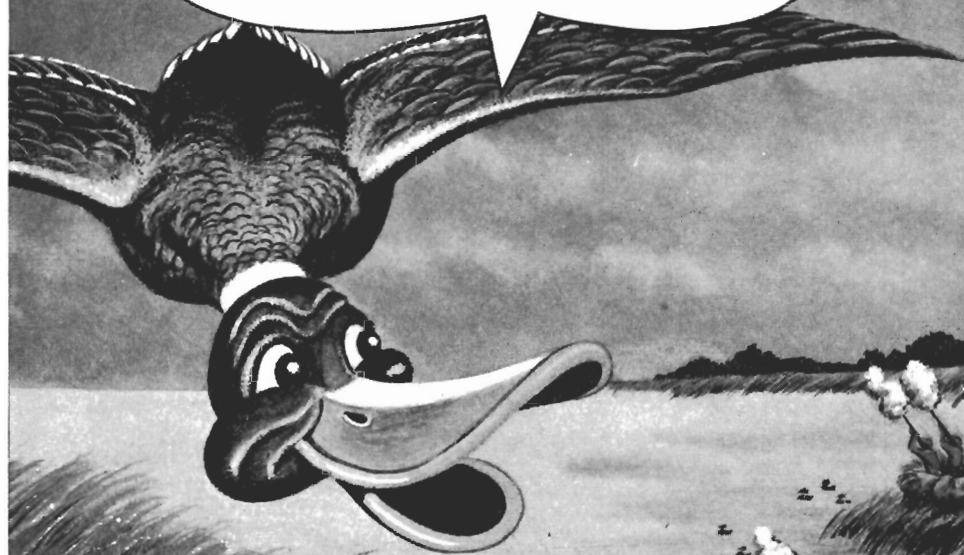
Hans Roedder
Berwyn, Pa.

The Great Rifle Controversy

In the May issue of GUNS an article appeared on the subject of a NATO rifle. The author expressed grave doubts about the Belgian FN gun, the T-48. It is true that the FN is identical to the Tokarev, abandoned by the Russians as unreliable. But many top-flight ordnance experts thought highly of the Tokarev. It can only be assumed that the gun was dropped, so far as I know no statement has ever been made. A possible explanation for the dropping is production difficulties. Russian manufacturing facilities are not the best in the world, and mass-producing

(Continued on page 48)

Go higher, pals!
Those boys are
shooting Federal
Standard Magnums!



FEDERAL
Sporting Ammunition

FEDERAL CARTRIDGE CORPORATION
MINNEAPOLIS, MINNESOTA.



**Excellent
Game Loads*

*FOR A NEW EXPERIENCE IN SHOOTING...

ASK YOUR DEALER FOR FEDERAL STANDARD MAGNUMS IN 12, 16 AND 20 GAUGE

REG. TRADE MARK



GUN FINISHING PRODUCTS

**SUN RAY GUN STOCK
FINISH—FAST, BEAUTIFUL**



The fastest, most beautiful finish of them all is SUN RAY GUN STOCK FINISH. It's used exclusively by many stockers, gunsmiths and manufacturers. \$1.25 per 4 oz. kit.

X2X COLD METAL BLUER— for steel, brass, copper and aluminum. Completely new formula. Never before used in a commercial bluer. Equals hot

process in all respects. \$1.25 per 4 oz. kit.

X2S for stainless steel, will blue any metal from lead to Sklar-Stainless steel within one minute. Even gold, silver, and platinum may be blued with Sun Ray X2S bluer. \$1.50 per 4 oz.

X2 COLD PLATING SOLUTION for small steel, brass and copper parts. Plated by submerging one minute. Gives heavy blue-black plate. Hard, durable. From \$1.00 for 4 oz. to \$15.00 per gal.

Popular discounts on all products to the trade. Exceptional proposition for JOBBERS. Write:

BLEVINS GUN SHOP

303 Pine Avenue-G
Fresno 4, California

IT'S DOWN INSULATED!

ALASKA*
"Cold Breaker"
VEST

*Reg. U. S. Pat. Off.

**STYLED FOR
CITY AND
SUBURBAN
WEAR**

SOLD BY MAIL ONLY

\$17.49

IT'S FEATHERLIGHT
Weights Less Than 19 oz.

ALASKA'S new "Cold Breaker" vest is so beautifully styled, so attractively tailored, that you'll want to wear it everywhere you go. By itself or under a coat it's designed for warmth and action. Sturdy, long-wearing Nylon and Rayon outer cover. Water-repellent. New Down insulation. Free-floating satin underliner. 100% wool ribbing, from armpit to waist, prevents bind. Three roomy pockets with rain flaps...lifetime zipper...new longer back length for added protection...smart styling...flawless tailoring. To order, send height, weight, chest measurement. Colors: Autumn Brown, Dry Grass, Forest Green and Hunter Red. Other garments available for men, women and children.

**WRITE FOR
FREE FOLDER**

ALASKA SLEEPING BAG CO.
Dept. GM, 309 S.W. 3rd Ave.
Portland, Oregon

Rush Free Folder on Down Insulated Garments to:

Name _____
Address _____
City _____ Zone _____ State _____

MY FAVORITE GUN



BY ALAN LADD, famed Hollywood movie star

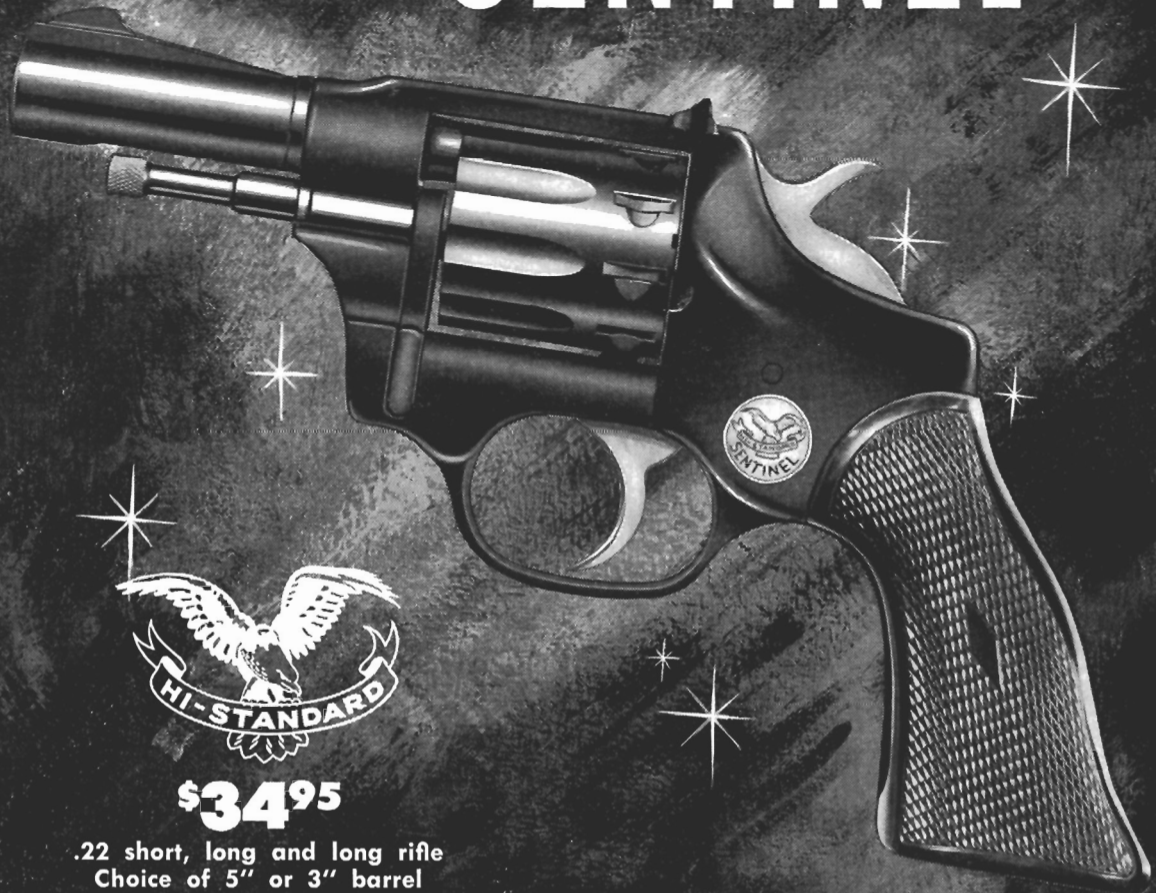
I do not have a large collection but all the guns are in working condition. Most of my shooting is target or skeet when I can manage a few days at the ranch. Guess my favorite is a 30.06 though. And as for small arms, I like a snub-nosed 45.



BY MARTY MARION, manager of Chicago White Sox

I prefer a 16 gauge automatic. With this gun I have all I need for my shooting. I also use a choke control so I can use one gun for all types of shooting.

NEW HI-STANDARD SENTINEL



\$34⁹⁵

.22 short, long and long rifle
Choice of 5" or 3" barrel

First 9-shot, swing-out-cylinder .22 revolver!



**FOR
PRECISION
AND
PERFORMANCE**

The championship performance of Hi-Standards has been proved year after year at National Championship Matches and International Competition. Don't settle for less than the best.

This all-new double- and single-action revolver shoots .22 shorts, longs and long rifles. The Sentinel's accuracy, beauty and dependability make it a sensational handgun for all-round shooting • Select high-tensile steel barrel and swing-out counterbored cylinder • Anodized aluminum alloy frame • Rebounding hammer with automatic safety block • Single-stroke, multiple ejection • Thumbrests for right and left hand • Non-slip scored trigger • Crisp trigger pull • Blue Finish • Made by Hi-Standard, makers of America's top performing line of .22 autoloading pistols • Factory warranty.

SEND FOR FREE FOLDER No. 49

THE HIGH STANDARD
MANUFACTURING CORP.
HAMDEN • CONNECTICUT



NOW is the time

Time to get ready for the big 1955 season.
Sight in your favorite rifle with those
extra special SIERRA bullets.
Get the feel of your equipment
and get that good feeling of knowing
you use the best... SIERRA.



SIERRA BULLETS

600 West Whittier Blvd. • Whittier, California

FOR TARGET OR GAME...TRUE TO THEIR AIM



LOADED with Information!

THE NEW 1956 47th EDITION OF THE

"SHOOTER'S BIBLE"

THIS YEAR LARGER
THAN EVER
516 PAGES

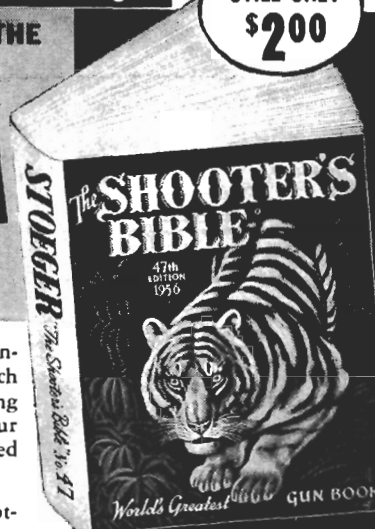
GET YOUR COPY **NOW** AT YOUR SPORTING
GOODS DEALER, OR SENT POSTPAID FOR \$200

Not a magazine or story book but an Arms Encyclopedia of modern sporting firearms, each item illustrated, described and priced. Everything in the "Shooter's Bible" is available at your sporting goods dealer and Stoeger authorized distributors throughout the country.

All new articles by the Nation's leading shooting authorities.

FINEST SELECTION OF FOREIGN GUNS AND ACCESSORIES. EVERY AMERICAN MADE RIFLE, SHOTGUN and PISTOL, including all new models which have just been released. PARTS SECTION has been increased to 100 pages, completely new with new illustrations. Enlarged Reloading section, listing all leading tools, dies, and components. Stoeger Specialty Products, bluing solutions, gunsmith kits, newly designed sporter stocks. Most complete listing of iron and telescopic sights. BOOK SECTION, completely revised. Plus many other sections featuring hundreds of items too numerous to mention.

STILL ONLY
\$200



STOEGER ARMS CORP.
sole publisher and
distributor.

STOEGER ARMS CORPORATION

45-18 COURT SQUARE
Long Island City 1, N. Y.

SALES & SHOWROOMS
507 — 5th Ave. (at 42nd St.) N. Y.

GUNS in the NEWS

[Special]—

Arthur Wheeler of Northwood, N. H., went deer hunting and got himself a home run—almost literally. A big buck he'd wounded with his last shot came charging at him. Wheeler grabbed hold of his rifle and swung at him baseball style. The rifle stock landed solidly on the deer's noggin and felled him.

Carl Millslagel of Los Angeles has vowed that he is going to look twice before shooting "panthers" from his auto. Driving along the countryside, Millslagel thought he saw such a beast and shot it. It turned out to be Constable Edward Elmore's Persian cat. Millslagel was charged with "disturbing the peace."

At least Fred Schulling of Eau Claire, Mich., knows his deer rifle wasn't lost. He found an unsigned note in his mailbox which said, "I stole your deer rifle."

Spotting a bobcat on the highway near Cedar City, Utah, Daryl Shumway stopped his truck, reached for the rifle he always carried and fired at the cat four times. And missed. Then, out of ammo and patience, he picked up a rock and threw it at the animal. The rock caught the cat squarely between the eyes.

A Lewiston, Me., hunter shot a deer but didn't get the animal. The deer was run down by a motorist. A man knocked the animal unconscious with a hammer and another finished it off with a shot. A game warden offered the deer to the motorist, who declined. The man with the hammer accepted it. The rifleman got nothing.

A 16-pound female bobcat greeted Carl A. Newquist of Butte, Mont., on his front porch when he arrived from lunch. He dashed into the house, emerged with a 12-gauge shotgun and one blast ended the wildcat's curiosity about city life.

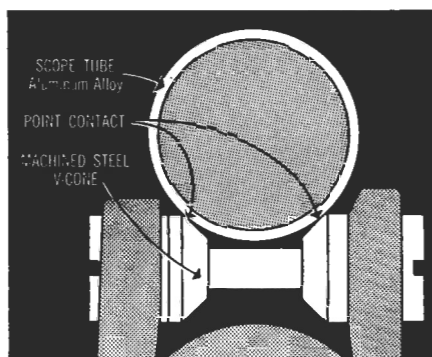
WHY the world's finest hunting sight has EXTERNAL windage and elevation adjustments

When Bausch & Lomb undertook to design and build a hunting sight, we had no pre-conceived notions—other than to make the best hunting sight ever produced . . . a fitting companion for the finest rifles, which would give the hunter the maximum in performance and dependability. Among the hundreds of experienced shooters and gun experts from whom we asked recommendations, was one persistent demand: "Make it strong! When a trip has been planned for a year, and probably is costing more in time and money than any of us can really afford, don't let the one shot we came for be lost by an accident to the sight! Build a sight, if you can, stronger even than the rifle it goes on!"

To provide for vertical and horizontal sighting adjustments in a rifle sight, two methods are available. The scope can be mounted in fixed position on the rifle with *internal adjustment* provided for movement of the reticle within the tube. Or the reticle can be fixed within the scope, and *external adjustment* provided in the mount for movement of the entire scope. Either method can be made equally precise and convenient. However, the advantage of *strength* (as well as optical performance) is all on the side of external adjustment. For internal adjustment, movement of a suspended reticle disc must be accomplished by a mechanism of rings, screws, and springs—tiny and delicate enough to fit within the confined space, and not interfere with the path of light. The Bausch & Lomb method of adjustments in the mount, on the other hand, makes possible the construction of a thoroughly solid and shock-proof scope, which zeros in by being held in a pair of machined steel V-cones or "spools." The front double cone threads into the mount for windage adjustment. The rear mount is a spool with ground eccentric which rotates to provide elevation adjustment.

There are only two moving parts (plus lock screws) of strong, heavy-section design to the entire adjustment. Whatever accident befalls the rifle or sight, there's no place for the scope to go except into the V-cones, at dead-zero every time. No jolt or blow which won't dent the barrel of the scope (hardened aluminum alloy Brinell 120) can throw it off even a hair. It's just about as easy to bend the barrel of your rifle as it is to knock the B&L Sight out of adjustment!

An extra benefit to this design is that the same scope can be used on any number of rifles. For each rifle, only a mount is needed. When the mounts are zeroed,



the scope can go from gun to gun, in zero on every one.

Superior optical performance for this

design is assured in the fact that the reticle is always in the center of the optical field where the image is best. And, of course, being a Bausch & Lomb optical instrument, the B&L Sight provides a razor-sharp definition and brilliant contrast of image which knows no superior.

Balvar, the Variable-Power ($2\frac{1}{2}\times$ - $4\times$) Bausch & Lomb Sight is \$80. Baltur ($2\frac{1}{2}\times$ fixed power) and Balfor ($4\times$ fixed power) are \$65. Mounts for all popular big-game rifles are \$25. Ownership of any of these rigs will assure to you the satisfaction of a lifetime of use of the strongest, most dependable, best-performance sight ever offered to the hunter.

FREE 72-PAGE MANUAL "Facts About Rifle Sights"—new—tells all about image brightness, optical performance and mechanical reliability. You'll want to read every word, and keep it in your technical library. Write Bausch & Lomb Optical Co., 20647 Lomb Park, Rochester 2, N. Y.



BAUSCH & LOMB

SINCE  1853

I'll lend
you a
Scope to hunt with!



6
MODELS
\$39.50 to
\$69.50

2 1/2 X
3 X
4 X
6 X
8 X
10 X



Right! You can now borrow a brand new Bushnell Scope, use it a full month without charge or obligation.

Why are we doing this? Because we've built so many superiorities into these new ScopeChiefs, that once you've used one you won't be satisfied with anything else.

**FREE SCOPE-LOAN
CERTIFICATE OFFER IS
LIMITED. MAIL
COUPON NOW!**

Bushnell
SCOPES

America's Most Distinguished
Sport Optics

D. P. Bushnell & Co., Inc. Dept.
Bushnell Bldg., Pasadena, Calif.

Dave Bushnell, Dept. 169
Bushnell Bldg., Pasadena, Calif.

Send FREE Scope-Loan Certificate and
name of nearest Bushnell Dealer.

NAME _____

ADDRESS _____

CITY _____

STATE _____

**Amazing 2 in 1 Value
OFFER**



292 PAGES
REGULAR
PRICE \$2.50

560 PAGES
REGULAR
PRICE \$2.00

**BOTH
TOGETHER
only \$3**

ORDER NOW WHILE THEY LAST

CLARKSON PUBLISHING CO., 1000 W. Washington
Chicago 7, Illinois

SEND ME POSTPAID:

☐ Gun Digest \$2.50 ☐ Shooter's Bible \$2.00
☐ BOTH above books TOGETHER for only \$3.00

NAME _____

ADDRESS _____

CITY _____

STATE _____

GUN RACK



By H. Jay Erfurth

New Marlin Levermatic

A NEWCOMER to short-action lever guns is the "Levermatic," perhaps called that because unlike older Marlin lever guns it feeds cartridges from a vertical clip like an automatic. The invention of a railroad engineer who whomps these things up in his spare time, its incredibly short lever throw is



accomplished by a nightmare of internal cam grooves which in substance mean that the shooter can grasp the small of the stock in normal fashion and simply snap the lever down with his fingers, without changing the position of his hand on the stock at all.

Marlin engineer Tom Robinson considered the prototype model of this gun one of the worst pieces of machinery he had ever seen, but he also knew that if Marlin didn't buy it, some competitor would, and then it would be goodbye to the Marlin leadership in the .22 lever action field. With the rights controlled by Marlin, a thorough restyling job was done by the Marlin crew with the characteristically clean lined, graceful stock designs they lay out. The Levermatic appears on the market as a surprisingly light, easy-acting plinking rifle.

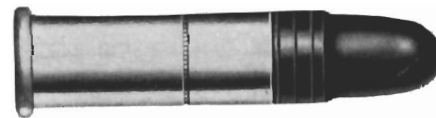
Although its action would ordinarily rule it out of such work as competitive match shooting, the gun has the Marlin "microgroove" rifling which since it creates an absolute minimum of disfiguring to the bullet in its passage down the bore, has shown remarkable accuracy in all calibers in which they have so far tried it, .22 LR included. The Levermatic sells for \$48.75, blue and walnut.

Match .22 Ammo

New bullet profile and improved priming with altered loading density characterize the latest Peters and Remington .22 Match ammo, their first to appear on the market in several years. The bullet shape has been considerably changed from the old shapes common to most makes of Long Rifle cartridges, and the priming is more evenly distributed in the case rim.

Overall length of the new load is a trifle greater than previous loads, a result of seating the bullet farther out of the case. Also, the bullet ogive has been changed from the conventional sugar-loaf point to a sort of hemisphere end to a cylinder, with the enlarged rotating band around the base at the case mouth. The rotating band, which must be squeezed down by the rifling, is narrower in this new ammunition, and the center of gravity of the new projectile seems more to the bullet rear. This tends to minimize tail wobble and acts to stabilize the bullet more promptly in flight, giving greater inherent accuracy, while the narrower rotating band means that the bullet is subjected to less plastic deformation as it is forced through the rifling and is therefore delivered more perfect at the muzzle.

Crimping is light: and a uniform "squeeze" along the side of the bullet serves to aid in holding the bullet friction tight in the case mouth. In addition, the slightly concave bullet base, acted on by gas pressure, has only a thin edge at the outside, instead of the



thick rim of older designs. This means that gas cutting is reduced to nil, and the whole effect is an increase in accuracy in what has been usually known as "the world's most highly developed cartridge," the .22 Long Rifle. The new Rem and Pete ammo sells for \$1.05 per box of 50, \$10.50 a carton, and is designed especially for maximum accuracy in rifles. (Continued on page 46)

America's Most Sensational Guns!

World's First and Only 12 Gauge
Magnum Autoloader

the **BREDA** magnum automatic



WORLD'S CHAMPION GUN

Record-smashing performance. Both individual and 5-man team, using Breda automatics won the 1954 International Clay Pigeon Championships at Caracas, setting new world's records.

Production limited! Only 1 out of 5 will be able to own one this year. Don't delay. See your dealer. Write for complete information TODAY!



3 Engraved Models

Breda engraving, beautiful and rich, is done entirely by hand. Satin silver hard chrome finish is permanent and rustproof.

- Only autoloader which shoots 3" full magnum, 2 3/4" standard magnum or hi-velocity shells without any adjustment.
- Longest range of any automatic.
- Noticeable recoil so light it reminds you of a .22 Cal. rifle.
- Can be dismantled in seconds without tools. All machined parts . . . no stampings.
- Push button releases unfired shells.
- Barrels interchangeable. Stainless steel, with hard chrome bore. Rustproof, non-pitting.

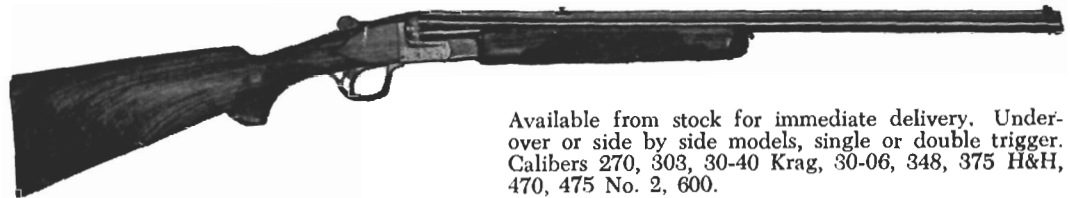
Also in lightweight deluxe model for all 2 3/4" shells.

continental crown under-over guns



World's finest handmade under-over field, skeet, trap guns. 10 Magnum to 410, \$295 to \$795. 5 double barrel models, 10 Magnum to 410, \$117 to \$495.

continental double barrel rifles



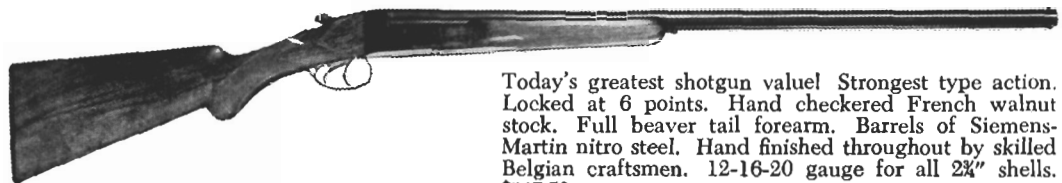
Available from stock for immediate delivery. Under-over or side by side models, single or double trigger. Calibers 270, 303, 30-40 Krag, 30-06, 348, 375 H&H, 470, 475 No. 2, 600.

continental 10 and 12 gauge magnums



5 models including under-over. Only 10 Magnums in regular production with guaranteed parts and service. Built on reinforced actions, 32" nickel steel barrels, long beaver tail forearm. 12 Magnum, from \$195. 10 Magnum, from \$295.

continental centaure shotgun



Today's greatest shotgun value! Strongest type action. Locked at 6 points. Hand checkered French walnut stock. Full beaver tail forearm. Barrels of Siemens-Martin nitro steel. Hand finished throughout by skilled Belgian craftsmen. 12-16-20 gauge for all 2 3/4" shells. \$117.50.

If not available at your dealer, write us Dept. 11-B. Visit our showroom.

continental arms corp., 697 Fifth Avenue (55th St.) New York 22, N. Y.

Something New— The HIDE-AWAY HOLSTER

This is what they see



This is what you know



Here's a really GOOD new thing . . . the HIDE-AWAY HOLSTER, for law officers, gun enthusiasts and everyone who wants a really practical, convenient HIDE-AWAY holster for a personal gun. Handcrafted to specifically fit any type hand gun you request. Invisible when you want it to be. Doesn't bulge, kink your ribs or wear out your leg . . . no more greasy shirts or rusty guns. Weighs only 2½ ounces, has riveted nickel clip for long wear. Fits inside trouser band. Made of highest quality top grade leather. All sizes, makes and models. Send your weapon make, barrel length and caliber with \$2.95 for postage prepaid shipment. On COD, you pay postage. Dealer inquiries invited.



Dept. H.
**B & J Leather
Goods Co.**
P.O. Box 990
Brownsville,
Texas

ALASKA BIG GAME



ALASKA'S WILD LIFE IN COLOR
Big game safari of the north in your living room with 2x2 color slides. Free catalog. Listing over 400 slides. Closeups of live game and all Alaska subjects. Special offer—12 game slides sent airmail, \$5.00. **NORTHERN COLOR FILM CO.**, Box 6, Cooper Landing, Alaska.

NOVEMBER
1955
Vol. 1
No. 11-11

Guns



MAGAZINE

IN THIS ISSUE . . .

hunting . . .

MY FAVORITE GUN.....	Alan Ladd and Marty Marion	6
HUNTING DEER WITH AN ELEPHANT GUN.....	Paul A. Matthews	16
AMERICA'S BEST HUNTING RIFLE: THE 30-30.....	Jack Connor	20
HAPPY HUNTING WITH THE .222 CARTRIDGE.....	Bert Popowski	26
LEADING DUCKS TO SLAUGHTER.....	William C. L. Thompson	40

workshop . . .

SHOOTING SQUIRRELS WITH A RANGE FINDER.....	Francis E. Sell	24
WHAT'S INSIDE A SCOPE.....	David F. Butler	29
HOW TO CAST YOUR OWN BULLETS.....	Robert Kindley	32

shooting . . .

SALVAGING A ROLLING BLOCK CLUNK.....	Col. Ward D. Betz	36
FIRST SUCCESSFUL GAS SHOTGUN.....	Col. Charles Askins	42

departments . . .

CROSSFIRE, letters to the editor.....		4
GUNS IN THE NEWS.....		8
GUN RACK.....	H. Jay Erfurth	10
TRIGGER TALK.....		14
CARTRIDGES, quips, quotes, queries.....	Stuart Miller	39
ARMS LIBRARY.....		50
MATTER OF FACT.....	Edward A. Joseph	74
PARTING SHOTS.....		81

George E. von Rosen
PUBLISHER

Ben Burns
EDITOR

William B. Edwards
TECHNICAL EDITOR

Sydney Barker
ART DIRECTOR

Ben Rosen
ART EDITOR

Louis Satz
CIRCULATION MANAGER

Marvin Ginn
ADVERTISING SALES MANAGER

M. Magnusson
ADVERTISING MANAGER

Tom Youngblood
ADVERTISING PRODUCTION MANAGER

Ren Averill
WESTERN ADVERTISING MANAGER

Editorial Advisory Board
COLONEL JOHN HULING,
U.S.A. Ordnance Corps Ret'd

COLONEL CHARLES ASKINS H. JAY ERFURTH JAC WELLER
ROGER MARSH STUART MILLER ROY G. DUNLAP

GUNS magazine is published monthly at 8150 N. Central Park Avenue, Skokie, Illinois. Second class mail privileges authorized at Skokie, Illinois. SUBSCRIPTION: One year, \$5.00 single copy, 50c. CHANGE OF ADDRESS: Four weeks' notice required on all changes; send old address as well as new. CONTRIBUTORS submitting manuscripts, photographs or drawings do so at their own risk. Material cannot be returned unless accompanied by sufficient postage. PAYMENT will be made at rates current at time of acceptance and will cover reproduction in any, or all, of GUNS magazine's domestic or foreign editions. ADVERTISING RATES will be furnished upon request.

It's New . . . It's Sensational!

**Prevents Guns
from Rusting**

**Fits any Gun
Cabinet, Closet
or Rack**

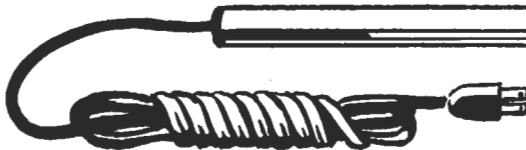
Keeps them dry!

**Perfect for
Dealer Showcases**

**Electric
DAMPP-CHASER®**



*Von Lengerke & Antoine Gun Display Case
9 North Wabash Avenue, Chicago*



Eliminates Dampness Permanently

COLLECTORS . . . DEALERS . . . SHOOTERS . . . NOW
Can take care of Guns the Modern Way — with Electricity!

What DAMPP-CHASER Is:

- Slim metal tube enclosing sealed electric element.
- Complete with cord set, easy instructions; no extras to buy.
- Permanent. Never needs attention, refills or baking out.
- Easy to install—place on floor of cabinet or closet or fasten to gun rack.
- Inexpensive to use, only a penny a day to operate.
- Guaranteed by factory for 5 years.

GUN COLLECTORS

Now you can put those glass doors on your cabinet with no fear of dampness troubles—and you won't need to spend hours wiping your guns every time they're handled.

What DAMPP-CHASER Does:

- Eliminates costly dampness. Proven success—over 200,000 now in use in cabinets, closets, pianos and organs everywhere.
- Radiates continuous gentle heat safely and automatically circulates warm, dry air thru entire contents every few minutes.

OTHER IMPORTANT USES

DAMPP-CHASER also protects holsters, leather cases, wood gun stocks, fishing tackle, golf clubs, stamp collections, books, tools, clothes, shoes, belts, jewelry, silverware, pianos, organs, Radio and TV sets, musical instruments and merchandise in dealers' showcases.

Choice of 3 Sizes

Model No.	Tube Length	For Cabinet Shelf or Rack	Watts	Retail Price
1G	1 ft.	14" to 25" wide	8	\$5.95
5RG	2 ft.	26" to 47" wide	15	\$6.95
7G	3 ft.	48" to 72" wide	25	\$7.95

ALL MODELS 117V AC/DC
ALSO AVAILABLE FOR OTHER VOLTAGES

If space for gun storage is larger than 3'x6' use more than one DAMPP-CHASER

SATISFACTION GUARANTEED

Your purchase price will be refunded if not satisfied after a 30 day trial.

ORDER TODAY!

**Every Shooter and Collector needs
a DAMPP-CHASER® to
protect his guns**



SAFE

DAMPP-CHASER, INC.
Hendersonville, North Carolina

DAMPP-CHASER, INC., 1452 Ridgewood Blvd., Dept. 558
Hendersonville, North Carolina

Please ship DAMPP-CHASERS at once in sizes indicated:

State Quan. Model Length Price \$ each
State Quan. Model Length Price \$ each
Postpaid anywhere in the world

Ship to _____

Address _____

City and State _____

My favorite Gun Dealer is _____

*"This is the Finest Binocular
I Have Ever Seen!"*

I WILL ALLOW YOU

**60 DAYS EXAMINATION
AND TRIAL USE**

IF NOT THRILLED, RETURN FOR REFUND!



**7x35
550 FOOT
FIELD**

*"I have never seen
anything like it
in 20 years"*

Since 1936 I have personally tested hundreds of different makes, sizes, and styles of binoculars in search of quality worthy of carrying the UNITED "SEAL OF QUALITY." During this time I have sold millions of dollars worth of excellent binoculars.

A few short weeks ago, Northwest Airlines delivered a sample 7x35 Wide Angle Binocular from our agent in Japan. I immediately put it to every rigid test.

I found it performed better and had a wider field (550 ft.!) than wide angle glasses I checked that sold for \$99.50, \$125.00 AND UP! In addition, it provided sharper, clearer, brighter images at all distances.

It fit my hand perfectly, wasn't bulky, for it weighed only 28 ounces! Such a pleasure to use that I decided to allow all buyers a 60 Day Test Trial period! Introductory price, including fine genuine leather case and straps only.....

\$49.95

Cash orders postpaid, C.O.D.'s require \$2.00 deposit. Add Federal tax.



UNITED BINOCULAR COMPANY

9043 S. Western Ave.

Dept. ARF-523

Chicago 20, Ill.

DEALERS—Write for latest Wholesale Catalog.

TRIGGER TALK

THIS KINGSIZE ISSUE of GUNS is the biggest package we've delivered to readers since this magazine was started less than a year ago. Like Topsy we've grown and grown and grown and our current 84-page issue represents almost doubling in size since our first issue.

We want to take occasion in this special game hunting issue to thank our devoted readers who have not only flooded us with subscriptions but also proven excellent customers for our many advertisers. Their excellent response to ads in GUNS has in a short time established this magazine as a foremost gun market, a place where gun bugs can find the best in bargains.

The editors of GUNS like to think of the magazine as a forum and an exchange for readers and advertisers, a place where shooters can express their opinions freely and learn about the newest developments in the gun field. In line with this thinking Col. Charles Askins, who shoots just as precisely and on target with his words as with his gun, is a regular contributor to these pages. Never hesitant in being a controversial figure, the former national pistol champion writes with humor and good sense whether he is writing about Sears new gas-operated shotgun (see page 42) or tackling the powers that be in the gun world.

That he does in next month's issue when he writes on "A Shooting Iron Too Hot To Handle." It concerns a 22 centerfire that he developed for competition shooting but which was banned by the National Rifle Association. Askins relates his side of the controversy in an article no competitive shooter will want to miss. Also in the offing is another provocative piece by Colonel Askins, in which he asks and answers the ticklish question, "Are Pistol Champs Alcoholics?"

In publishing controversial articles—stories in past issues like "That Overrated Hogleg" and "Can Women Outshoot Men?"—GUNS is opening up its pages to those questions that so often are talked about in gun shops and gun clubs but rarely get into print. We want gun enthusiasts to consider this their magazine and to have full freedom to express themselves as they wish—no matter what side of the fence they're on.

Here's How Husqvarna Has Improved the Mauser Action!



Husqvarna alone—among the great firearms manufacturers of the world—has come up with the answer to a true sporting rifle built on a Mauser-type action! It is the development of the HVA Improved Mauser Action which not only assures time-proven Mauser dependability but presents design and functional features together with superior strength never before seen in Mauser-type sporting rifles.

Behind this development are many years of research—including a period of months spent in this country by the chief firearms designer of the Husqvarna Weapons Factory. Information gathered from gunsmiths and firearms experts indicated that modification should start with the action—for aside from function, it is the action that govern weight, size and overall design of the rifle.

Naturally any refinement could not be made at the sacrifice of the great strength for which the '98 Mauser had long been famous. It was here that the problem lay for years—for to reduce size and weight normally would mean a proportionate loss in strength. Yet, in the very heart of the problem Husqvarna found the answer. Through their incomparable world-famous high quality Swedish steel, they were able to produce a completely redesigned action—smaller, lighter, with even superior strength than existing Mauser-type actions. The excellence of this steel is due to the extremely low content of sulphur and phosphorous and very small variations in the quantities of carbon and manganese. By using high-grade iron ore and a special smelting process using charcoal instead of coke, this is achieved. This, together with a well-developed hardening process, results in steel that has no peer.

Tests performed, using the HVA Improved Mauser Action and other military and commercial Mauser actions, proved the HVA able to withstand breech pressures far greater than normal when subjected to abnormally large loads—facts which convincingly prove that its strength and gas handling properties clearly exceeded those of the other actions.

This reduction in size and weight resulted in a more streamlined receiver and smaller diameter receiver rings... a feature which permits a thinner stock at this point with a further decrease in weight, and a much better gripping surface both in handling and carrying.

The bolt, unlike the '98 Mauser and similar types, has solid locking lugs top and bottom, made possible by the positioning of the ejector slot in the bolt face rather than through the top locking lug. This results in lugs of equal strength, whereas the familiar split locking lug is naturally weaker.

For convenient and positive operation, a thumb slide safety which locks both trigger sear and bolt is located on the right side of the receiver tang just to the rear of the bolt handle. This improvement over the old conventional scope safety allows mounting scopes in the lowest position, without any interference in operating the safety.

For easy cartridge removal a hinged floor plate replaces the standard magazine floor plate. Release is simple and controlled by an accident-proof fingertip catch at the front of the trigger guard.

Added to these improvements are these features: streamlined, snag-proof bolt sleeve; curved bolt handle for ac-



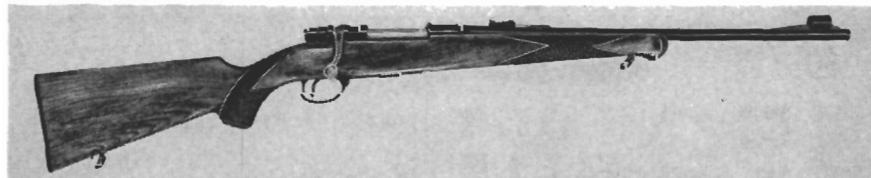
Absolute precision in workmanship is evident in these closeups of the HVA Improved Mauser Action. Notice the streamlined receiver with front ring and rear bridge of same diameter. Stock is slim and fits neatly around receiver for ease in handling and carrying. Both gunsmith and shooter are assured maximum safety as each HVA Action, separate or complete with barrel, carries the NITRO PROOF TEST MARK. Actions for all popular calibers are priced at \$59.50. Barreled actions available at \$89.50.

commodating lowest-mounted scopes; receivers drilled and tapped for receiver sights and scope mounts.

Each action and barrel is highly polished and blued, the breech bolt and extractor are also highly polished and left bright, permitting smooth, fast operation.

THIS IS HOW Husqvarna has im-

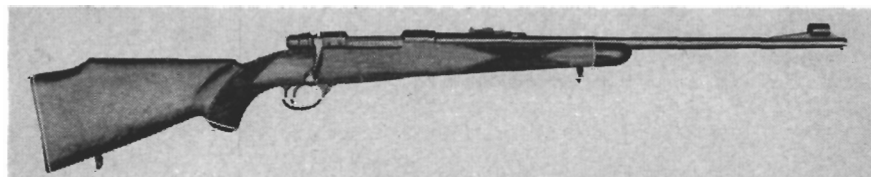
THE LIGHTWEIGHT



Lightweight yes, but a beautiful, husky, "Heavy gun" performer! At only 6 lbs. 6 oz. the Lightweight is certain to be popular in big game hunting when weight becomes mighty important after

proved the '98 Mauser for sporting rifles—and developed the HVA Improved Mauser Action for which there is no equal. Now in two superb models, each built on this action, Husqvarna presents truly the world's finest in Mauser-type sporting rifles—the new lightweight and the Crown Grade.

THE CROWN GRADE



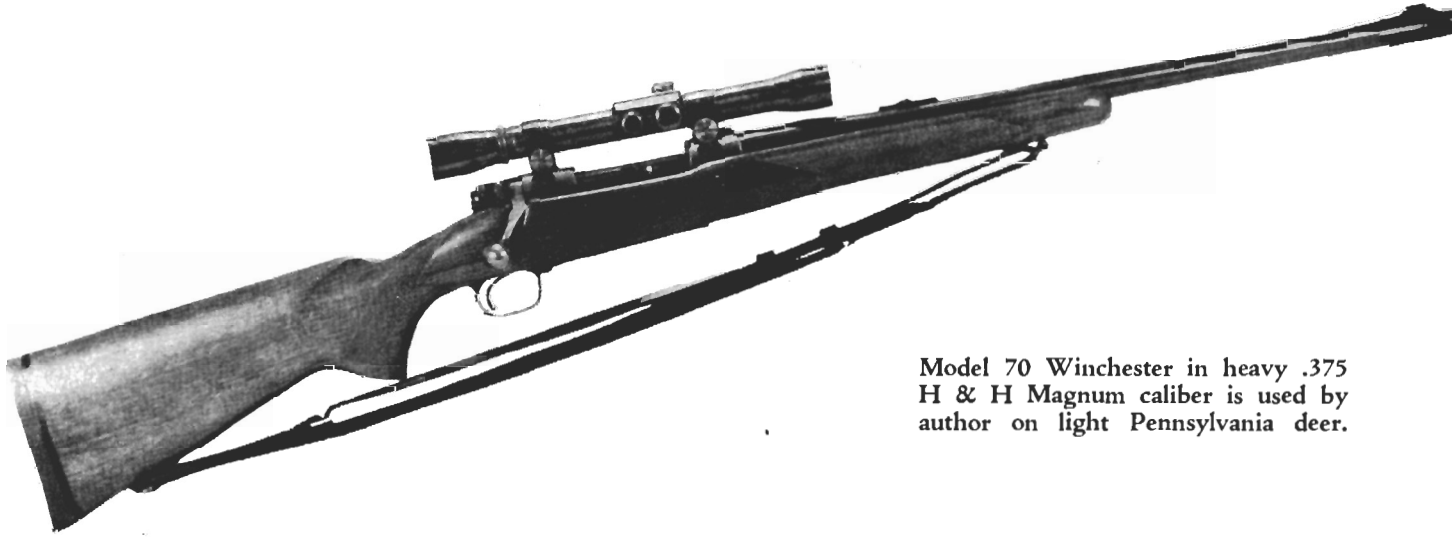
Here is the ultimate in gun craftsmanship—the favorite of discerning sportsmen the world over. In the production of each Crown Grade extreme care is given to custom finishing, the accumulation of almost 300 years of skill is exercised in precision workmanship throughout, and the proud symbol of this careful devotion... the signature of the gunsmith who

hours of handling and carrying a rifle. Available in both .30-06 and .270 calibers, in sporting style stock with built-in cheek rest, the Lightweight is reasonably priced at \$139.95.

produced the rifle is inscribed on each barrel. The Crown Grade is available in .30-06, .270 and .308 calibers, in both Monte Carlo style stock priced at \$162.50, and Sporting Style stock at \$157.50

Write for catalog
Sole U. S. Agent: TRADEWINDS, INC.,
P. O. Box 1191-H, Tacoma, Washington.
Canada, Dorken Bros Co., 408 McGill St., Montreal.

HUNTING DEER WITH AN ELEPHANT GUN



Model 70 Winchester in heavy .375 H & H Magnum caliber is used by author on light Pennsylvania deer.

YES, I ADMIT IT, I'm the guy who uses that shoulder artillery, the .375 H & H Magnum, on little ol' deer.

I plead guilty to using the big bone-shocker that Holland & Holland first made for the heaviest of thick-skinned African game—rhino and elephants. H & H listed bullet energies of about

two tons and deer rifle cartridges are uniformly about half that power.

I know that most hunters would insist that all that freight blasting a poor little old Pennsylvania deer would leave maybe four hooves and a handful of furry hamburger, but it doesn't work out quite that way.

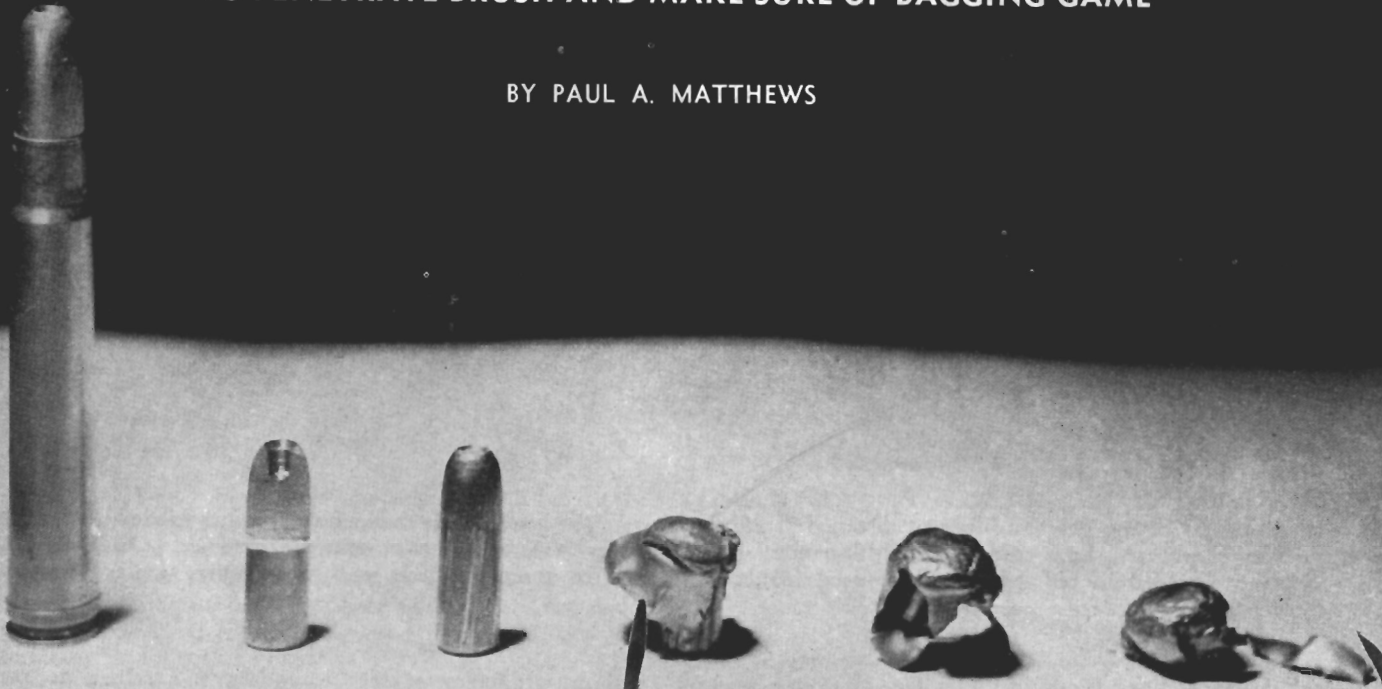
I like the .375 because it gives me some bullet weight to play around with. I believe it to be best for my particular rifle, method of hunting and the terrain I encounter. My choice may not correspond with others but the fact is that the bullet performing so beautifully in the crags of the Rockies, the plains of



Pennsylvania woods-shooting may offer shots like this startling closeup or longer ranges to 150 yards. Principles of right handload in terms of bullet weight and velocity are adaptable to any large-bore rifle like M141 .35 Remington.

HEAVY BULLETS OF BIG EXPRESS RIFLES CAN BE LOADED TO PENETRATE BRUSH AND MAKE SURE OF BAGGING GAME

BY PAUL A. MATTHEWS



Barnes copper tube bullet weighs 285 grains after being hollowpointed. Good expansion is shown at 1700 f.p.s., 2000 f.p.s., and at 2299 f.p.s.

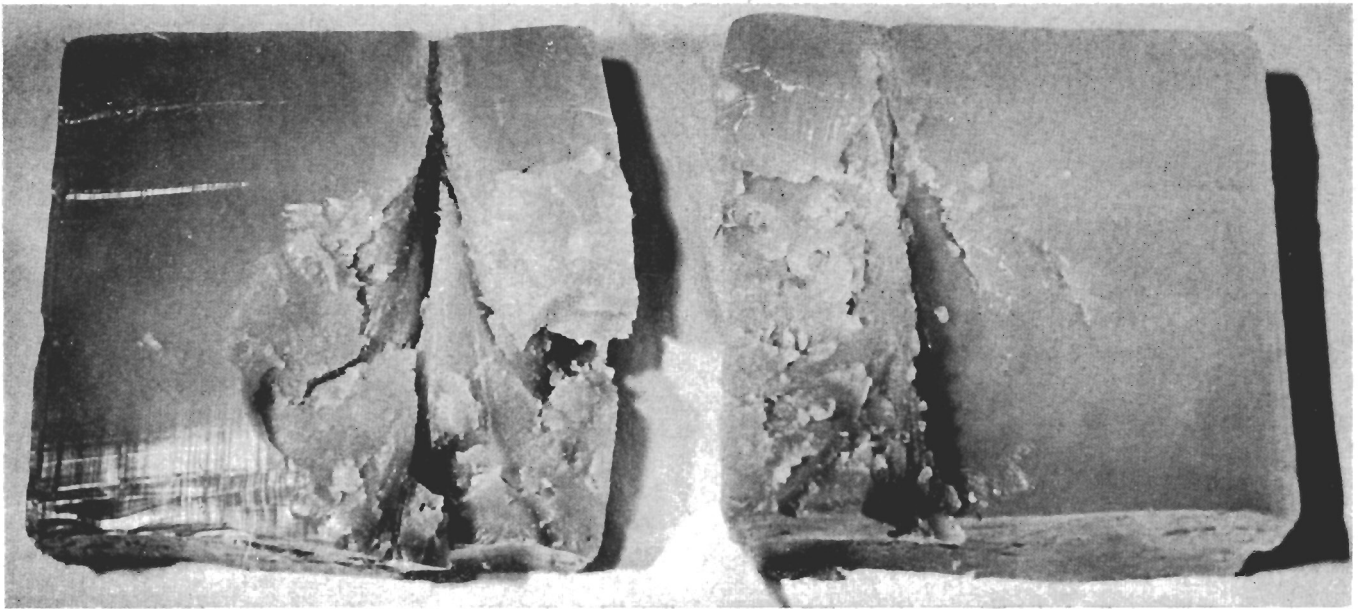
Wyoming or the alder thickets of Alaska isn't going to be worth two hoots in a rain barrel when it hits Pennsylvania. And that's where I do my hunting.

Consider a bit of the background in choosing bullets. Back in the days of black powder rifles, handloading was very common and it was no chore to locate the most effective projectile for a given calibre. The hunter cast his own soft lead, solid bullets. These would expand okay within reasonable ranges. For long shots beyond 150 yards, the commonly-used lighter hollow points would flatten trajectories and readily expand on impact.

Today we face an entirely different problem. The average hunter is stalking the white-tail deer two or three Saturdays out of the year, and if he expects to get his meat, he often has to take shots the oldtimers would have passed up. For instance, in Pennsylvania a hunter is very apt to get a 30-yard shot at a deer in heavy brush, and then a few minutes later a 300-yard shot at the same animal as it pauses in a lumber trail or crosses an open field enroute to another piece of timber.

This is not an exceptional occurrence and neither is it exceptional to find that





Shooting up sitting gelatine block at distance of 25 yards with 285-grain home-made hollowpoints loaded to 300-yard velocity duplicates shock and tissue displacement of deer hit by ordinary load at extreme distance. Ordinary Knox gelatine moulded in old gallon can is used for ballistic tests to stimulate flesh and show bullet damage to game.

the deer was hit with one of the bullets. Within a week or so, the soured carcass will be found in a laurel thicket or frozen swamp. This is often the result of a poor bullet choice, and quite likely misinformation collected from sources ranging from the barber shop to the favorite outdoor magazine.

From my studies of bullet performance on Pennsylvania deer, my final decision is for a bullet incorporating considerable weight for the brush, quick expansion for close shots on deer charged with fright, and *certain* expansion at even 300 yards without having to depend on hitting a bone structure. This seems quite an order, but I believe that I have succeeded in finding such a bullet for my rifle.

Without entering the argument between the big and small bore boys, let me repeat that I use the .375 Magnum for my hunting. Without any question of doubt, it is far more powerful than necessary for deer, but with an improper bullet can fail as miserably as a .22 rimfire.

My first experience with it was when using the light-jacketed 38/55/225 bullet on a spike buck. He was dead when he hit the ground.

My second experience was when talking to a doctor whose ammunition I had loaded. His buck took the Winchester 270 grain soft nose backed with 69 grains of 4064 low through the heart and never flinched. Though not a failure, the doctor gave the deer up as lost until a more experienced hunter of the party insisted on a check and found the buck piled up 60 or 70 yards away. More rapid expansion might have stopped him immediately, while any further lack of expansion might have meant a lost buck.

Despite the fact my light-jacketed bullet gave me good performance, I knew it lacked the weight to go through thick brush. I had on hand at that time several hundred Barnes bullets weighing 300 grains with a 1/32" copper tubing jacket. With 76 grains of #4350, they were very accurate over the longer ranges and their weight was in the right bracket. My first test with them was using a fresh beef head at 75 yards. They would penetrate crosswise just under the horn boss without even a hint of expansion, and on a lengthwise shot through the nose and out the back of the head. They made an exit hole about the size of my thumb. I tried the 255 grain bullet with similar

shots, producing surface wounds and a refusal to penetrate on even the crosswise shot.

Determined to use the heavy bullets, I took a double handful of them to the shop and had a cooperative lathe operator shove a 1/8th center drill in the noses until it removed all the exposed lead. This made a cavity about 7/32nds of an inch deep and a bevel across the top about 3/16ths of an inch wide, leaving a bullet weighing 285 grs.

Obviously, because of its construction, the beef head was not the proper thing to test deer bullets with. The accepted flesh-like substance used by the ammunition manufacturers is plain gelatin like you can buy in the grocery store. Sixteen boxes of it mixed in a two-gallon can used for a mould and gives just about the right consistency, though it can be varied somewhat. To remove the block from the mould, I turned the can upside down, poured boiling water over it, and then pulled the can up, leaving the block in position. I was now set for the important phase of my testing.

Ballistics charts give all sorts of figures on bullet weight and velocities at various ranges. The most impressive figure is "muzzle velocity" but the real figure which counts is the 100 to 300 yard series. Instead of shooting full loads at targets hundreds of yards away, I took the easier course and shot at the gelatin block placed about 25 feet from my gun. It has been proved that the difference in rotational velocity of a given full-load bullet striking at 300 yards, and the same bullet loaded to strike at 25 feet with 300 yard velocity, has little to do with the resulting wound. Thus by underloading the 285 grain home-made hollowpoints, I was duplicating terminal ballistics at 300 yards without the fifth of a mile walk I'd otherwise have to hike to see the target. Checking bullets at very close ranges at reduced velocities will help you determine accurately how they will perform at longer ranges where the velocity has dropped off to the muzzle velocity of the tested bullet.

My first experiment with the hollow-pointed bullet in gelatin was a load of 50 grains of #4895 giving a velocity of about 2000 feet per second. Because of the heavy jacket, I didn't expect any expansion in the soft gelatin, but expand they did, giving me a beautiful, funnel-shaped wound

channel and filling the gelatin with flakes of lead. Because of this fragmentation, I decided to fool around a bit more and see how low a velocity I could reach and maintain expansion, and how high a velocity I could obtain and still have a bullet left.

Since the old 38/72 fired a 275 grain projectile at 1480 fps, I figured 80 grains of FG black powder would push the 285 grain bullet close to 1500 fps. I fired through the nine-inch block, retrieving the bullet in a long box filled with mildly-damp, fine sawdust. There was no expansion or bullet deformation of any kind after penetrating the gelatin and 40 inches of sawdust.

The next load was 40 grains of #4895 estimated at 1700 fps. After the gelatin block and 24 inches of sawdust, I had a slug left measuring 23/32nds of an inch long and weighing 249 grains. The front of the bullet was flared out and the jacket peeled back until it was a shade better than 3/4ths of an inch across it.

I then repeated the original load of 50 grains of 4895 at 2000 fps. As before, there was considerable disruption, filling the block with flakes of lead and the bullet being found at the 21-inch mark in the sawdust. Measuring from the flattened nose to the base, the slug measured just an even half-inch in length, and the exposed lead, 7/16ths of an inch across. It weighed 198 grains.

For the last load, I was fortunate to find one that had been chronographed with the Barnes bullet. This was 70 grains of #4350, with a muzzle velocity of 2299 fps, about the same velocity my hunting load would have at 75 or 80 yards.

I had the gelatin sheltered in a small building. Immediately after firing, bits of the stuff hung from the win-

dows, ceiling, and walls. The remainder of the bullet still penetrated 15 inches of sawdust, but was more or less shaped like a large button 5/8ths of an inch across and 3/8ths of an inch from nose to base. It weighed 154 grains. This is a long ways from the 15/32 inch measurement or the original bullet.

Now right away some of the more scientific-minded readers are going to jump up and shout: "Inconclusive; no chronograph!" I admit it. I am one of the 15 million shooters in this country not having access to such an instrument. While it certainly would have made the test more accurate, a chronograph is not essential. Any handloader-rifleman with some incentive and a block of gelatin, by interpolating the figures found in the handloading manuals, can find the bullet best suited for his needs.

For my own particular use, though I am far over-gunned, I have a bullet considered fully dependable on light game out to 300 yards. Its combined qualities of heavy weight, blunt nose, and moderate velocity also make it equally efficient in the brush.

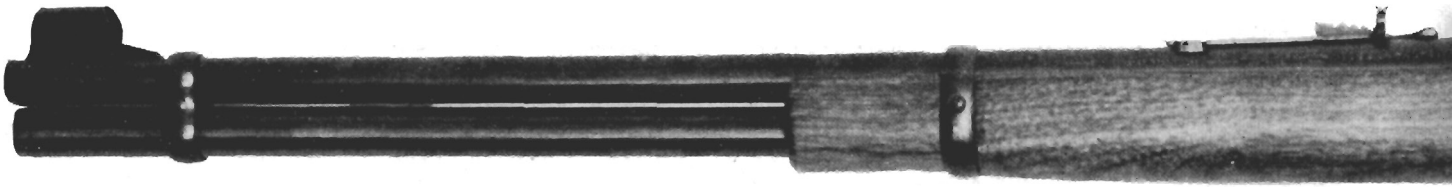
As for long range shooting with heavy bullets, 90 per cent of hitting out yonder is the shooter's ability to estimate range, and 75 per cent of *killing* out yonder is the proper bullet. A poorly-placed efficient bullet will often kill in the immediate vicinity, whereas an inefficient bullet may let the game run for miles and wind up a total loss for everybody.

But regardless of how, where and what you hunt for, there is a best bullet for the job. Spend some time and find it. Then, whether you ease that shot off at 30 or 300 yards, you will have a confidence of success you have not known before. ©

One very heavy bullet hand-loaded for cutting brush without chance of accidental deflection inherent in high velocity loads downed this little blacktail buck at 60 yards in swamp underbrush. Handload permitted use of heavy bullet without meat damage which full charge would have caused, as .375 H & H Magnum is too powerful in factory loads.



AMERICA'S BEST



AFTER 60 YEARS OF PRODUCTION, WINCHESTER 30-30 REMAINS FAVORITE GUN OF NATION'S HUNTERS FOR VERSATILITY, COMPACTNESS AND ACCURACY

By JACK CONNOR

ONE WAY to lose friends and dissipate your influence is to start an argument about the best shooting iron for deer. There is no "best" gun for deer, but there is one rifle that comes mighty near it—the Winchester .30-30.

In a nation which prides itself on being up to the minute in every field of design, with the very latest power and all the fancy chrome, the Model 1894 Winchester "thutty-thutty" stands as a monument to the man who designed it—John Browning, the world's greatest firearms inventor. And a darned active monument it is, for this fall several hundred thousand men with gaudy shirts and glittering eyes will head into wild country with an entire expensive hunting trip hinging on an item that has changed not a hair for six decades—the .30-30 carbine. Despite all the current emphasis at striking a deer dead at umpteen thousand yards range, and use of .55 caliber and bigger anti-tank rifles, and even a proposed recoilless shoulder rifle for the sportsman, a legion of hunters this year as for 60 years before will declare the .30-30 is still the rifle for deer hunting.

In a Minnesota brush country deer camp near the Manitoba and North Dakota lines, I once counted the artillery of six hunters to see how the guns ran. One had a scoped Winchester .30/06 Model 70, two .300 Savages, a .270 also on the Model 70, a Remington Model 760A in .35 caliber, and—naturally—a battered old '94.

The little smoke pole belonged to a lanky, stubble-bearded bush savage who raised beef steers nearby and was hunting with us. We had one buck hung up at the end of the first day, and his little 30-30 carbine had tagged it. My friend Jelly Smith was inclined to give all the credit to the native and his knowledge of the terrain.

"With all your dough," he said, "why don't you get yourself a real deer rifle? That little pop gun you got there ain't fit for coyotes." The cattleman, whose name was Gust Engstrom, fixed a calm gaze on Jelly. "Well, now, I didn't notice that fancy .300 of yours hangin' up any venison today. Still, we're eatin' deer liver tonight."

And so it is with America's most popular gun—it delivers the game.

Famed outdoor artist Roger Preuss uses snug forend grip and outside lever hold to fire light .30-30 rapidly.



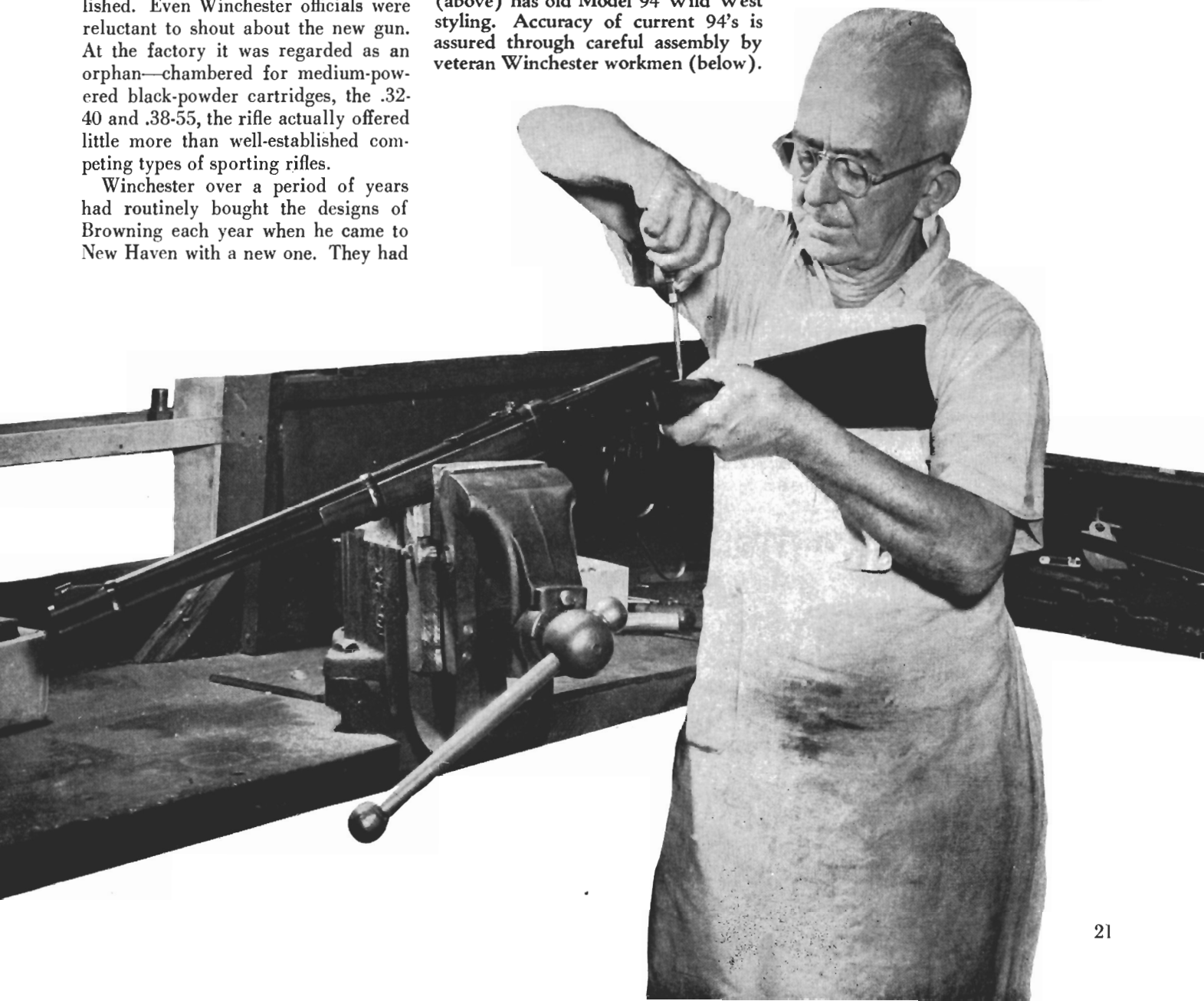
HUNTING RIFLE: THE 30-30

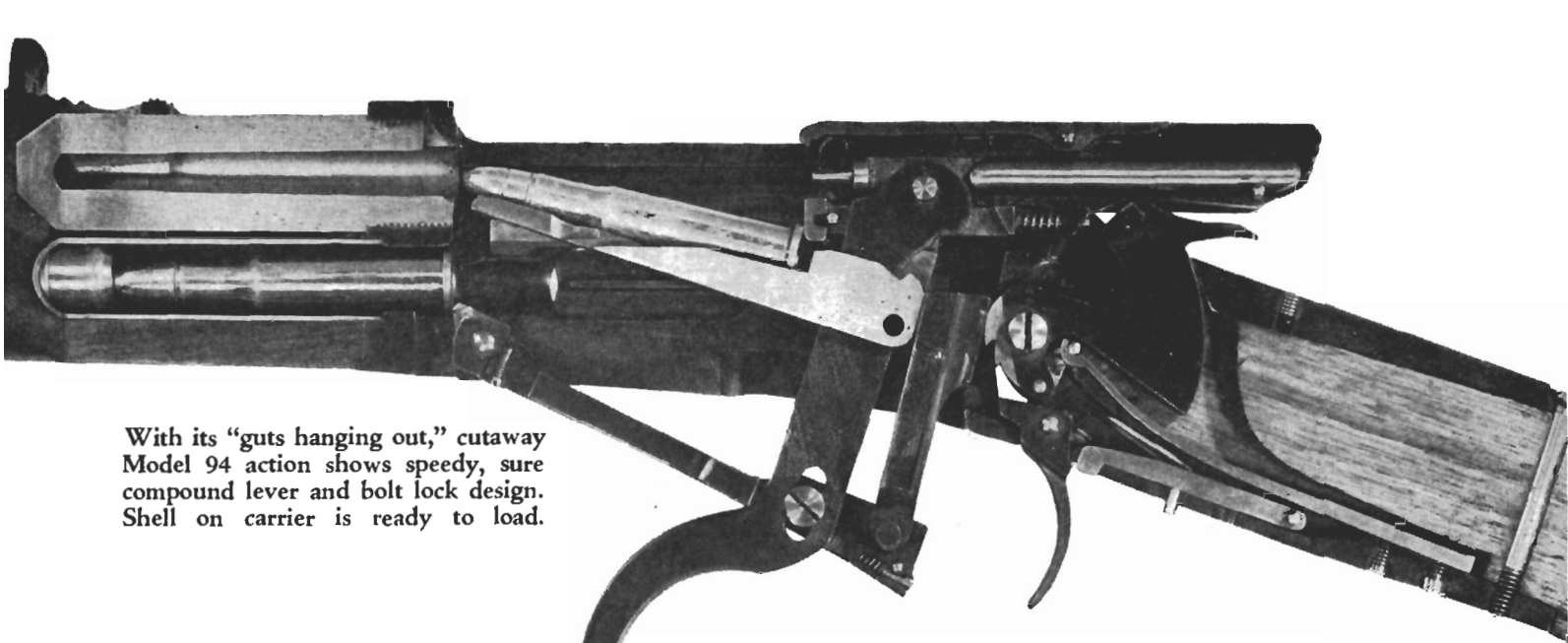


Available today in a 20" barreled carbine version, the '94 in the beginning had a tough time getting established. Even Winchester officials were reluctant to shout about the new gun. At the factory it was regarded as an orphan—chambered for medium-powered black-powder cartridges, the .32-40 and .38-55, the rifle actually offered little more than well-established competing types of sporting rifles.

Winchester over a period of years had routinely bought the designs of Browning each year when he came to New Haven with a new one. They had

Given away by movie company, in promotion of recent film "Winchester '73", modern Model 94 lever rifle (above) has old Model 94 Wild West styling. Accuracy of current 94's is assured through careful assembly by veteran Winchester workmen (below).





With its "guts hanging out," cutaway Model 94 action shows speedy, sure compound lever and bolt lock design. Shell on carrier is ready to load.

produced the Model 1886, suitable for all big game in the .45/90 and .50/110. Express loads, and the Model 1892 in .25/20, .32/20, .38/40 and 44/40 as a light and medium game rifle, but there was a suspicion that the '94 was initially produced merely to keep John Browning happy. But then, in 1895, something happened to the Model 94 which was to revolutionize the sporting firearms field. Smokeless powder was introduced.

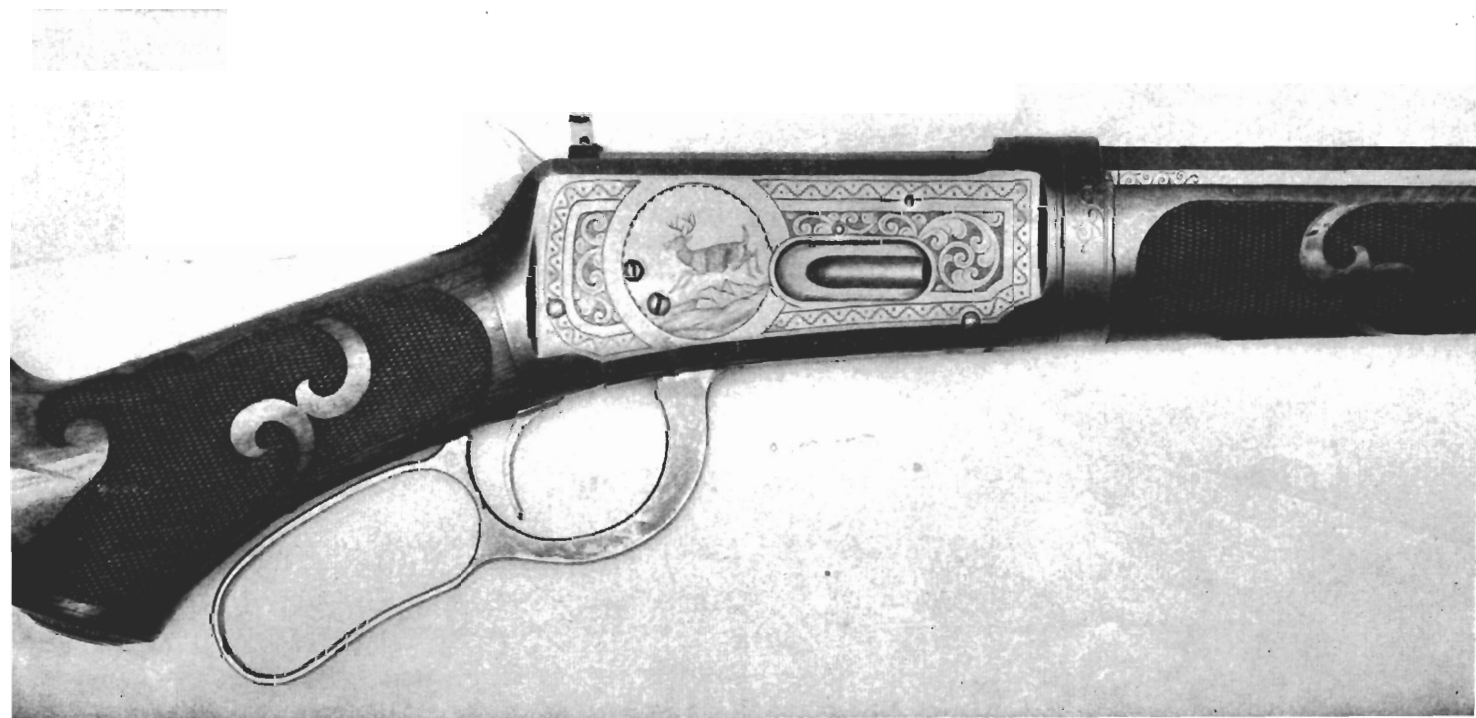
The new cartridge was a .30, trading on the introduction by the Army a couple of years before of a .30 caliber rifle. Backed by 30 grains of nitro powder, the 170 grain slug whipped along at nearly twice the velocity at 100 yards with nearly three times the striking energy of the .32-40 which had

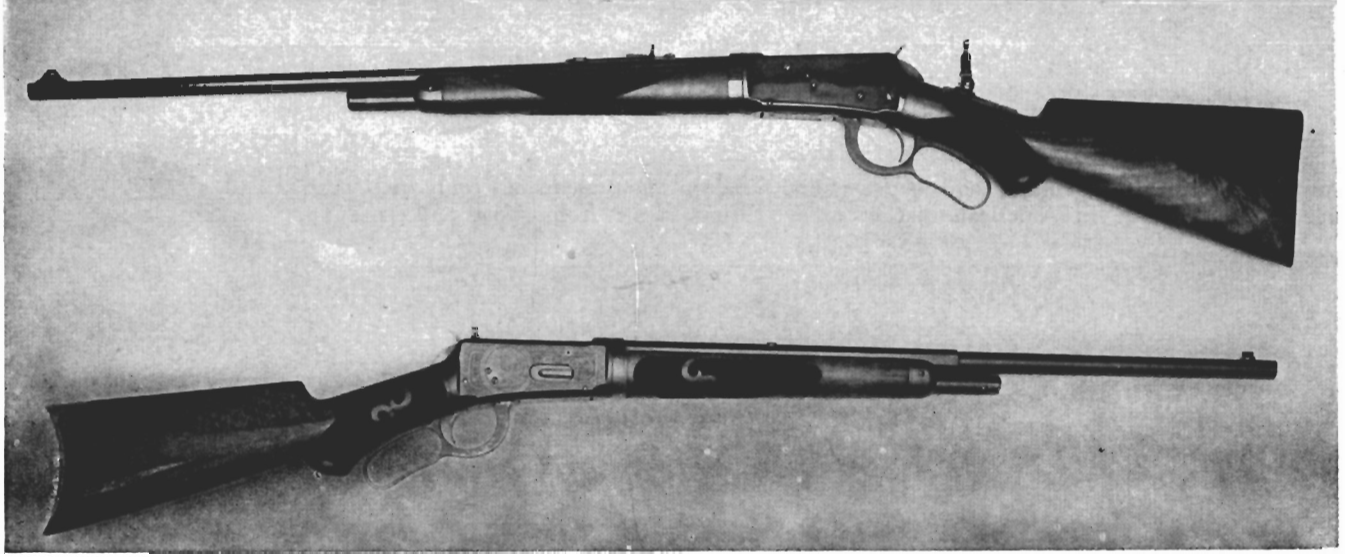
been a standard cartridge for medium game shooting for years.

Yet still some shooters scoffed: many called its action sloppy, claiming with reason that "its guts fell out every time you opened the lever." The .32-40 and .38-55 were not particularly popular but as for the new .30/30, why it was absurd. Smallest bullet they had ever seen, and backed by hardly half a charge of powder. But the know-it-alls were in for a lesson, for that paltry charge of powder was not black, but white—smokeless nitro powder.

The new powder did not advertise the hunter to the deer with a bushel basket of smoke like a smothered bonfire. Instead it struck the deer down with lightning speed and a hammer blow of nearly three quarters of a ton of force. It pushed the bullet along a lot faster than other calibers, which meant that it shot flatter. If you drew a bead on deer, bear or coyote at 200 yards with your sights set for 100, you needed to allow for only 8 inches of drop with the .30/30, as compared with a foot and a half with the popular .45-70. Mistakes in distance judging which caused

Deluxe engraving and fancy checkering of older takedown Model 94 rifle was typical of fine work done by Winchester craftsmen. On special order today Winchester will do custom finishing priced according to individual order.





When first introduced at turn of the century, popular Model 94 could be bought in many styles of carbine and rifle. Two fancy-grade half-magazine rifles are shown above, one (top) a rare takedown gun, other engraved.

a complete miss with the older guns would still be hits with the new rifle.

Interest in the new "thutty thutty" built up rapidly. From disdain for the new gun, arms "experts" turned to criticizing in a so-called helpful manner—so much so, that in 1902, Winchester brought out a new cartridge and chambered the Model 94 rifle for it. Titled the .32 Winchester Special, the new cartridge is so similar to the .30/30, that it has been claimed the .32 WS is to use the oversize bullet in shot-out .30/30's! This of course is not true, but the .32 WS found favor with people who wanted something a little different.

Shortly after the .32 came out, Winchester received an enthusiastic letter from a Dr. Davies, of Brussels, Belgium. Praise for the .32 WS was praise for the .30/30, too. Dr. Davies wrote: "The .32 Special does very well, and kills in a perfect manner, although I should be afraid to tackle buffalo with it. It killed one elephant with one head shot—the animal was struck as by lightning. That arm is adapted for all game except buffalo and rhinoceros. For elephant with body shots, antelope, and even elephant if you shoot at the head, the .32 is correct. If people ask me what arms for Africa, I answer . . . if you do not wish elephant, buffalo or rhino, take the .32 Special. It is handy and light. I myself should not be afraid to tackle everything with a .32."

The Winchester people wrote of Dr. Davies' exploits to another of their customers, who was about to travel on safari to Africa—President Theodore Roosevelt. Said the Winchester spokesman: "As the doctor on his own confession is not much of a hunter and has had but little experience, the above must be taken with a considerable grain of salt. Yet from the doctor's observation we are inclined to

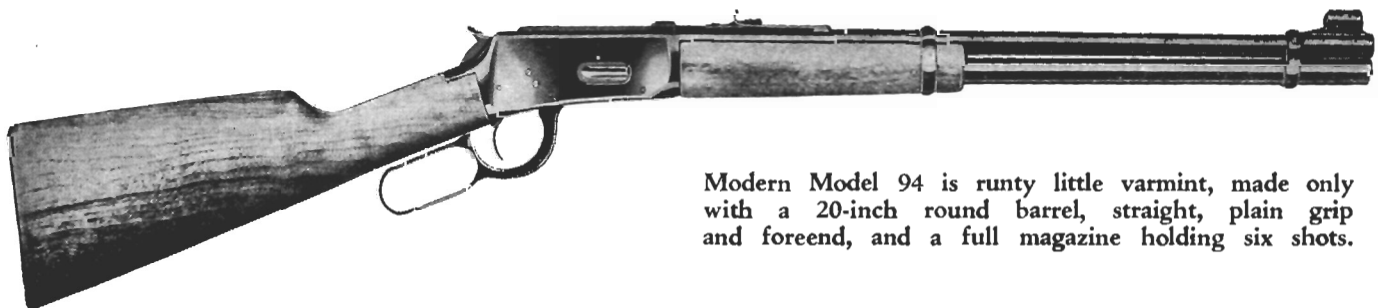
believe you will find the .30-30 a very handy gun." Teddy did just that: his .30-30 Model 94 was one of the five Winchester guns he "officially" carried on the trip, and figured in many of his hunting tales which he later wrote.

Claims to elephant-gun status are not made by Winchester for the '94, but they do not have to look shy when anybody asks whether it's good on deer. Undoubtedly the '94 is the most widely used firearm for deer in the country, even after 60 years of use. In 1951, for instance, shooting writer Warren Page made a survey of guns used to bag 250 white tail bucks. Of these 250, 61 were killed at 40 yards, 49 at 60 yards, 46 at 80 yards, and 29 at 100 yards. Of the guns used, the .30/30 topped the list, accounting alone for 20 per cent of the kills.

Even on big stuff it rates high. Not recommended for moose hunting, the .30/30 still turns in its share each season. At Cache Creek, British Columbia, a survey of 953 moose hunters shooting 42 different calibers showed the .30/30 in fourth place, accounting for 77 kills. There is a reason behind this widespread popularity of a 60-year-old gun, and part of it is the very age of the weapon.

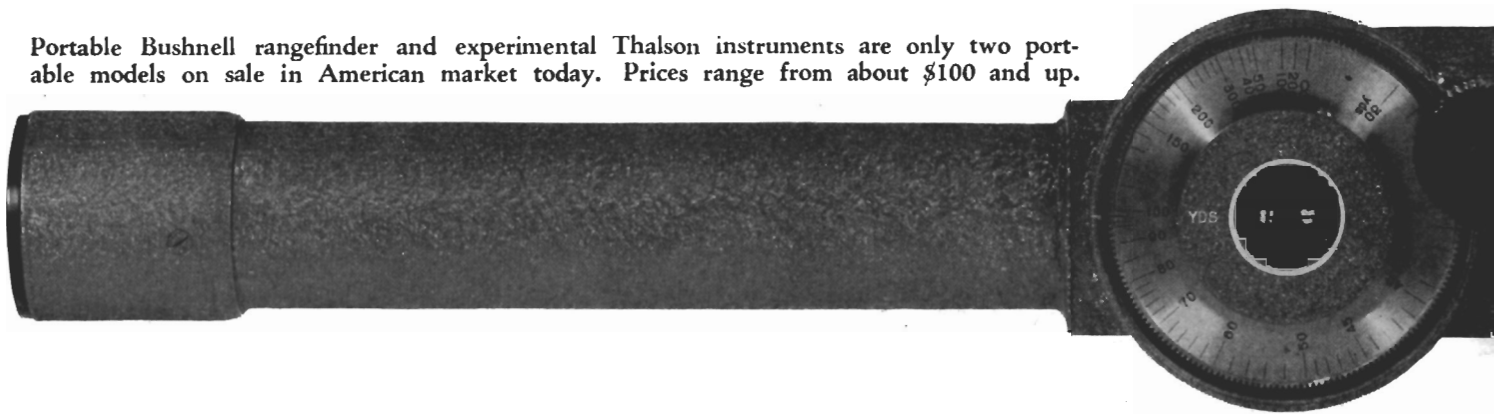
To a generation brought up on lever action guns, the Model '94 "looks like a gun." The rugged hind end of the breech, the hammer sticking up where you can see at a glance if it's cocked, the straight stock and lever, all have a look to them that is unique. Secondly, the flat slab-slided receiver fits into a saddle scabbard like it was made for it, as indeed it was. The lever gun was first and foremost a horseman's rifle, and for packing into the far hills the '94 is a first consideration.

It is light, about 6½ pounds in the modern 20" barreled carbine version, and it swings up to your shoulder light as a feather and easy as a dream. (Continued on page 52)



Modern Model 94 is runty little varmint, made only with a 20-inch round barrel, straight, plain grip and foreend, and a full magazine holding six shots.

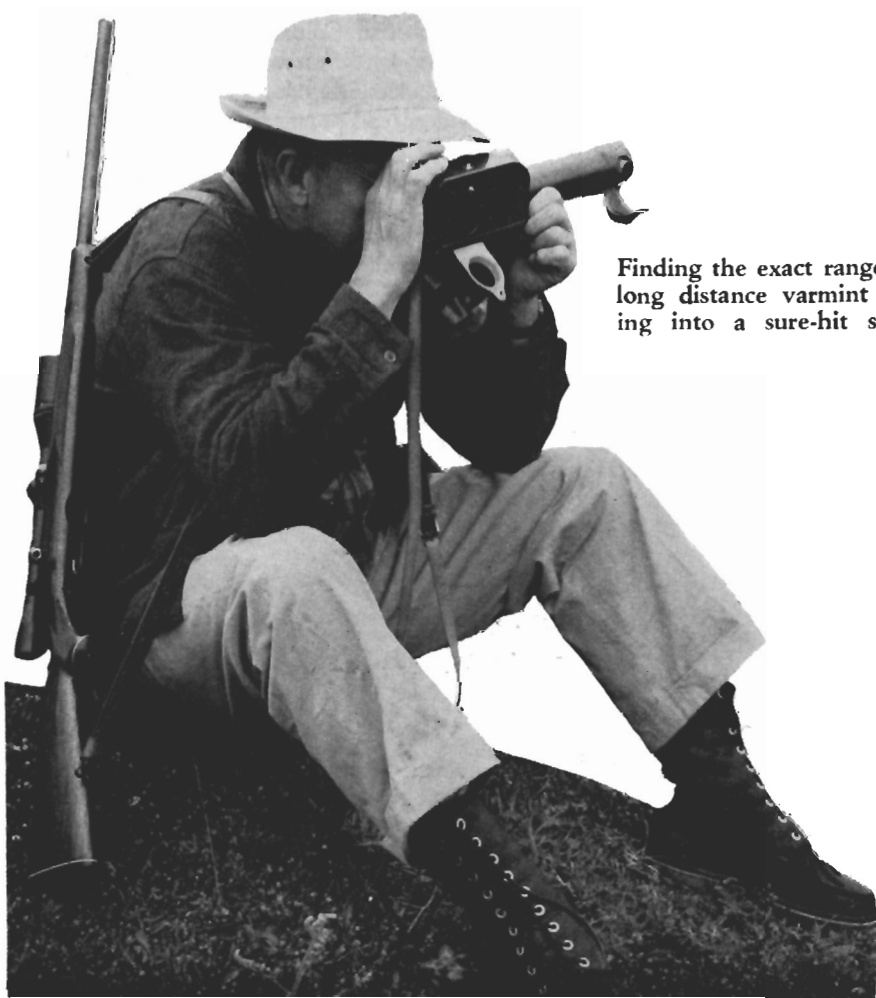
Portable Bushnell rangefinder and experimental Thelson instruments are only two portable models on sale in American market today. Prices range from about \$100 and up.



SHOOTING SQUIRRELS WITH A RANGE FINDER

NEW PORTABLE INSTRUMENT COMPUTES EXACT YARDAGE TO GAME, TEACHES
HUNTER TO BE MORE ACCURATE IN ESTIMATING RANGES

By FRANCIS E. SELL



Finding the exact range turns
long distance varmint shoot-
ing into a sure-hit science.

THE PERSISTENT CRY of that ground squirrel, "Ech—hit! Ech—hit!" came across the broken ground, from where he sat perked up behind a big root. Twisting the dial, gradually the hazing images of two bright eyes and the heads of two phantom squirrels, superimposed, came into one focus. I had already scouted the low hills with my binoculars, and now was checking out this little scamper-varmint with a range finder.

My gun? No, it wasn't a 16" naval rifle, but merely one of the Marlin .222's, but the range finder was in principle like the big jobs on battleships. Through its glass I now had located not only the loudly vocal ground squirrel sitting on a root of the cedar windfall, but also several fresh "workings" where new dirt had been deposited in front of burrows on the hillside.

Getting into a prone position, I adjusted the sling on my .222, and lay spread-eagled across the bank of the washed-out wagon trace. The cross-hairs of my scope settled on the target, and I eased off the shot.

As the whiplash crack of the rifle



Fat squirrel is picked off by author Sell at measured 125 yards with only squirrel's head visible. Use of range finder in adjusting sights removes error arising from badly-estimated range.

echoed through the hills, I thought I saw a blur in the air where Mr. Squirrel had been, but I wasn't too sure of the shot. You see, that was a full 125 yards to the inch, and only the head and shoulders of the ground squirrel were showing above the foot-thick root.

From my firing point, looking across the draw, you would likely have estimated the range at least 30 yards more than the actual bullet-line distance. At least, that is what I have done taking this identical shot on other occasions. But this time I had a very convenient means of measuring ranges—up hill or down, across canyons or flats, it is all one to me now with my range finder.

This piece of equipment is new to riflemen, but it is destined to become better known as time goes on, for it serves two very important purposes. It gives you a very accurate reading on sniping ranges when you are out after ground squirrel or woodchuck. Equally important, it teaches you to become more accurate in your estimates of big game ranges. You see how 100 yards looks down a steep hill. You see how 300 yards appears across a deep canyon. And all this is related to your rifle shooting.

A very good feature of this range finder I use—a Japanese instrument imported by Dave Bushnell—is its portability. About 16 inches long, it weighs perhaps three or four pounds—very easy to carry, and handy to use.

The mechanics of my range finder are relatively simple. In looking through it at your target, you see super-imposed images, a shadowed one slightly off-set. When the two are brought directly over each other, *(Continued on page 72)*



HAPPY HUNTING WITH THE .222 CARTRIDGE

IN HUNTING MEDIUM GAME LIKE
ANTELOPE AND SMALL DEER,
NEW POPGUN WITH LIGHT LOAD
PROVES IDEAL FOR GOOD FLAT
SHOOTING AT LONG RANGES

By BERT POPOWSKI

Weaker .22 Hornet and highly erosive .220 Swift are compared with zippy .222 Remington, which made one-shot kill from Sako-Marlin in hands of pleased hunter Lloyd Fox who points at buck's neck shot (right.)

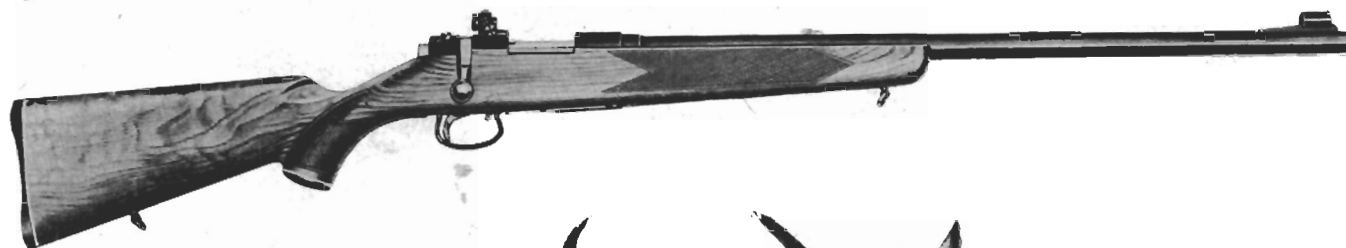


I WAS IN Texas shooting crows on the vast peanut fields near Houston when the gun nut grapevine brought me news of the new .222 Remington cartridge. The tiny 50 grain bullet did not seem like much, but the 3200 feet per second velocity was big enough to make an impression on me even in Texas. Returning to South Dakota, I stopped off in Dallas to visit friends and got my first look at the little cartridge. It looked so good to me that I could hardly wait to get home and order the new rifle Remington had brought out to handle the round.

That first .222 was a Remington Model 722, wearing a 6x Weaver scope on Redfield mounts. With it came a couple of hundred rounds of its amazing firecrackers. It



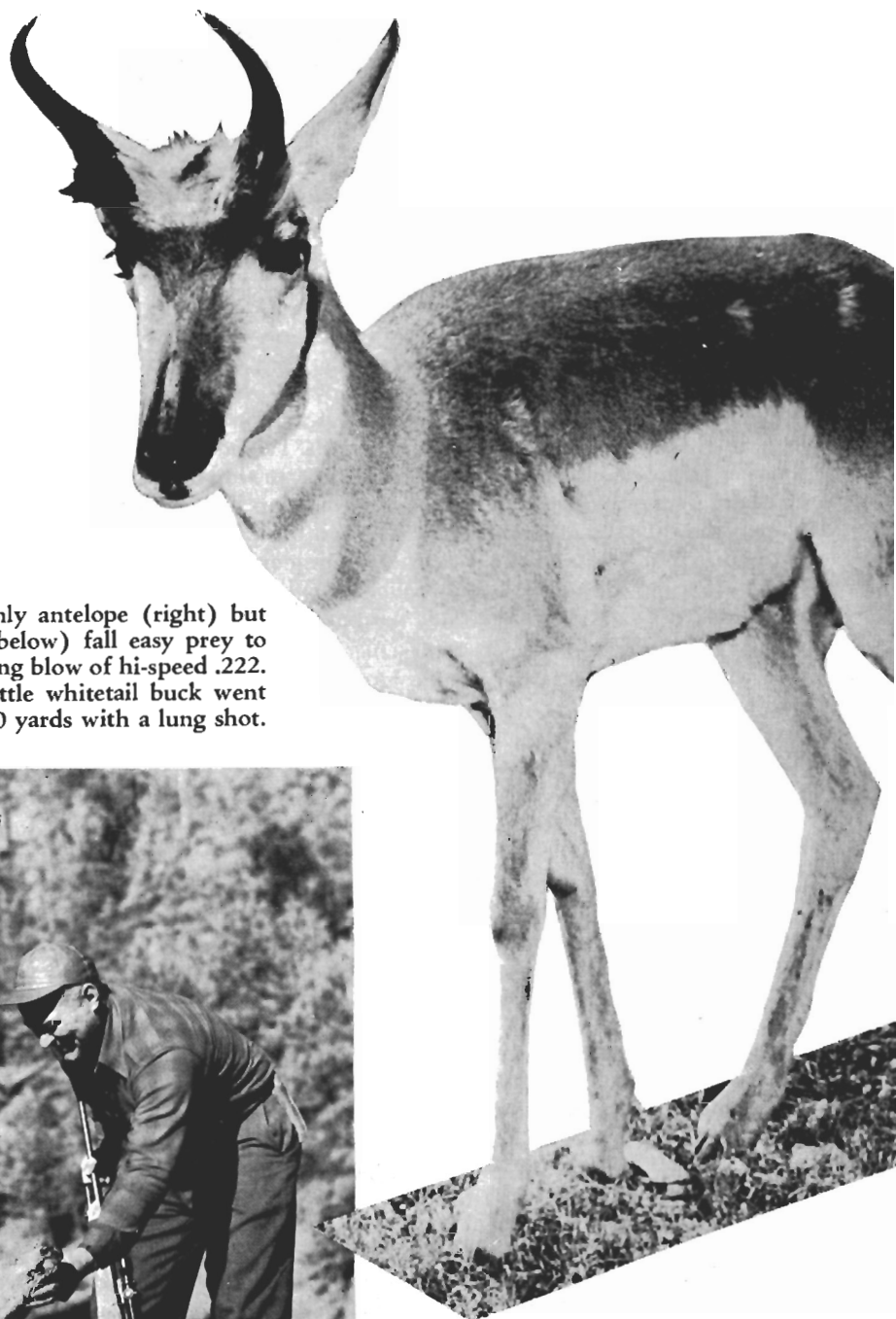
Popular rifles in .222 caliber are Remington M722 at top, priced at \$82.80, giving the gunner an "all-around" rifle cheaply. Marlin 322 (bottom) is highly accurate, sells for \$119.95 with checkered stock, adjustable peep.



was delivered at 9:00 a.m. and an hour later the stove in our shooting house was warming my back as I settled down to put it through its paces. Using an inch-square sticker for an aiming point, the first five-shotter was a half-dollar in size; the second vanished completely under a quarter as I settled down to the pleasure of shooting that virtually recoilless little rifle.

Like a small boy with a new toy, I continually found delightful facets of the .222 to admire. Compared with several other varmint rifles I found it was amazingly—sometimes unbelievably—flat in trajectory for such a wee cartridge. I kept telling myself. "Just hold it on, not too high now, and squeeze it off!" Then the rifle would bounce and fire the miniature big-game cartridge.

A couple of dozen snow-white plains



Not only antelope (right) but deer (below) fall easy prey to smashing blow of hi-speed .222. This little whitetail buck went only 40 yards with a lung shot.



jackrabbits died suddenly in the next several weeks, struck by the .222's. And one here, a pair there, tallied up to eleven game-killing great horned owls which let go all holds and dove into the snowbanks below their perches, after a dose of .222 medicine. Three got away, each one shrouded behind bullet-shattering brush. The .222 seemed to work swell at anything I tried it on, and in fact, anything anybody else tried it on, too! There were woodchucks and prairie dogs for targets, but I found that I was doing less and less shooting. I just had too many shooting friends who couldn't bear to stop "trying out" that .222 long enough for me to wedge in a little shooting. The happier my friends were with the popgun, the more anxious I got to try it out on some serious game. When antelope season neared, my mind was made up.

The .222 was legal for South Dakota pronghorns, and that was the rifle I would use—and incidentally, it's worth checking the .222's legality in your own state to avoid arguments with the game warden. The antelope area where I'd drawn a permit was very nearly the worst possible one to do any calm hunting. Instead, we were strung out in a long line, with Wyoming scarcely 30 yards behind us. Rancher friends wanted every hunter to fill out, to stop the alfalfa-raiding propensities of the fleet-footed "goats." Any hunter who failed to drop his animal before it escaped into Wyoming, from where it would return to ruin more alfalfa after the five-day season was over, wouldn't exactly be a fair-haired boy in the estimation of those hard-bitten cattlemen.

Though I preferred a buck, under the circumstances I took what came along, a barren doe. And, when a neighboring hunter yelled: "Get it! My gun's jammed!" I dropped the second doe for him. With four licenses yet to fill for the party, when an ankle-broken young buck finally came wheeling by, I dropped that one, too. I fired a total of four shots, one of which was a miss because I still wasn't used to the speed of that 50-grain bullet. That miss, on the first shot, passed in front of my doe.

My doe collapsed in mid-leap, with a bullet through her ribcage. She found no legs under her after that bullet blew up in her boiler. The second doe was shot in the middle of the back as she was recovering from a slide under a barb-wire fence. It was just three paces from the fence to her white rump-patch. That bullet had blown up internally, too. But the little buck, shot through the back of the shoulders, with the bullet hitting no bones, showed an exit bullet hole no larger than that made on its entry side. And he, like my doe, fell dead in mid-leap and scarcely kicked.

I have found such non-expansion in two other instances, out of nearly a thousand rounds fired through several .222 rifles, the F I Sako, and Marlin's M 322. One was a coyote that was hit while hitting the breeze, the bullet catching him under the belly behind the floating ribs and exiting through the brisket. But he fell as suddenly and limply as if hit through the head or the spinal cord. The other was a broadside bobcat that was walking slowly and care-



Hunter Bill Dawson stands beside modern Dakota's equivalent of the old pack saddle, a car-top carrier, which holds his antelope on ride to freezer.

tully atop the thin crust on foot-deep snow. He fell in his tracks and as far as I could see, through the scope and on closer examination, never twitched. Apparently the violent shock generated by the fast passage of the bullet is equally as deadly as its almost complete disintegration effect.

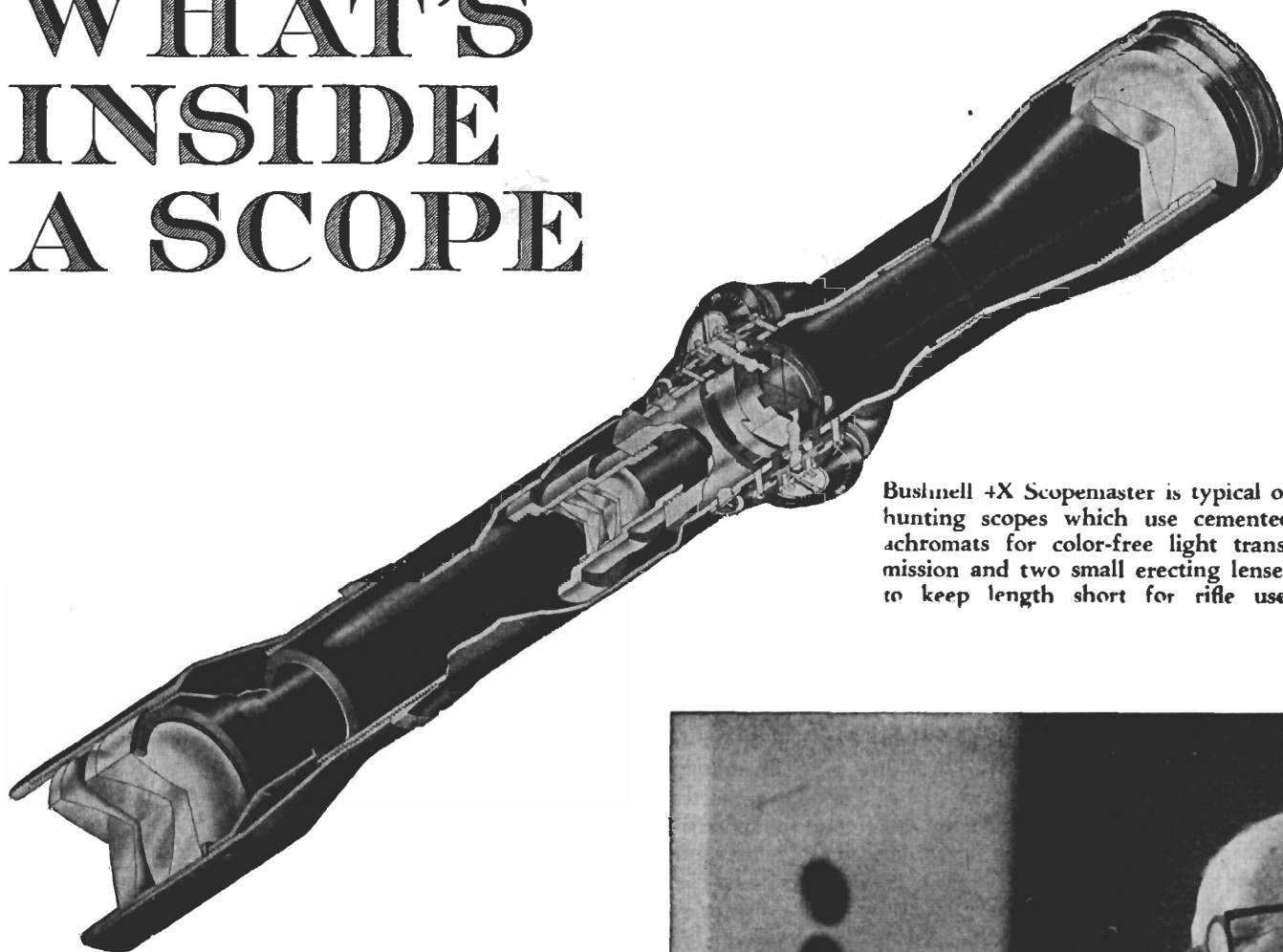
My younger son, Jerry, with the .222 killed a fine antelope buck that he had to take quartering. His bullet caught the front of the gut cavity and blew up in it. The shock also ruptured the diaphragm but we found no lung damage when we dressed out the animal.

That buck walked a half-dozen steps, according to Jerry, and laid down. Since this was his first antelope he confessed he didn't know just what to do: expose himself in working in for a close shot and hope the buck was hit hard enough to stay put; or draw a careful sight on the head or neck and so finish it off. He finally elected the latter course and reported that the bullet slammed the buck's head down so fast that it literally bounced on the tough buffalo-grass sod. He was so instantly dead of that bullet, which hit the neck vertebra just under the jaw hinge, that he didn't even roll out of his folded-legged bedding pose.

My older son, John, after killing several antelope with his .270, used a Marlin heavy-barreled .222 on a Sako action on his last pronghorn buck. He temporarily forgot the flat-shooting qualities of the load and over-shot a bedded buck, at slightly under 300 yards. But, when the buck got into full stride, John swung out ahead and touched off a second shot. The bullet caught the buck just above the windpipe, severed the jugular vein, and so confused him that he spent his few remaining seconds of life in darting first this way, and then that, until he collapsed within 50 yards of where he was first hit.

I have personally killed six antelope and four whitetailed deer with various .222 rifles. Three of those antelope and all of the deer were within 100 yards of the muzzle; one antelope was at over 200 yards. (Continued on page 76)

WHAT'S INSIDE A SCOPE



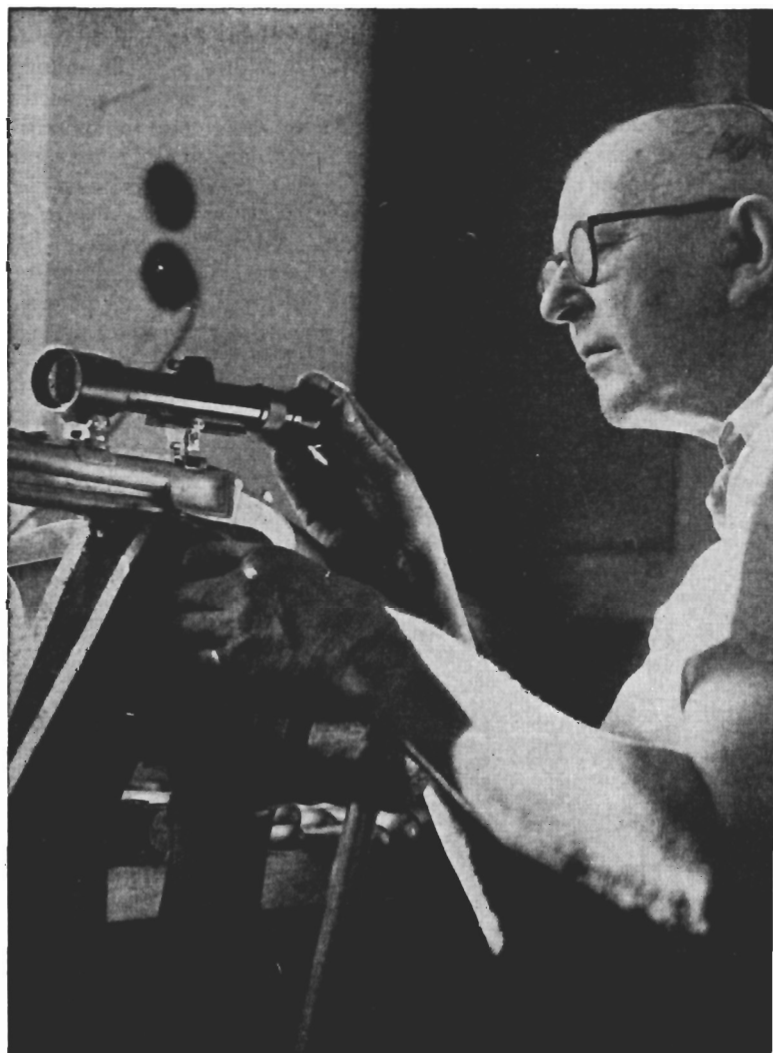
Bushnell 4X Scopemaster is typical of hunting scopes which use cemented achromats for color-free light transmission and two small erecting lenses to keep length short for rifle use.

UNDERSTANDING OPTIC PRINCIPLES IS BIG HELP TO GAME SHOOTERS IN CORRECT CHOICE OF SCOPE

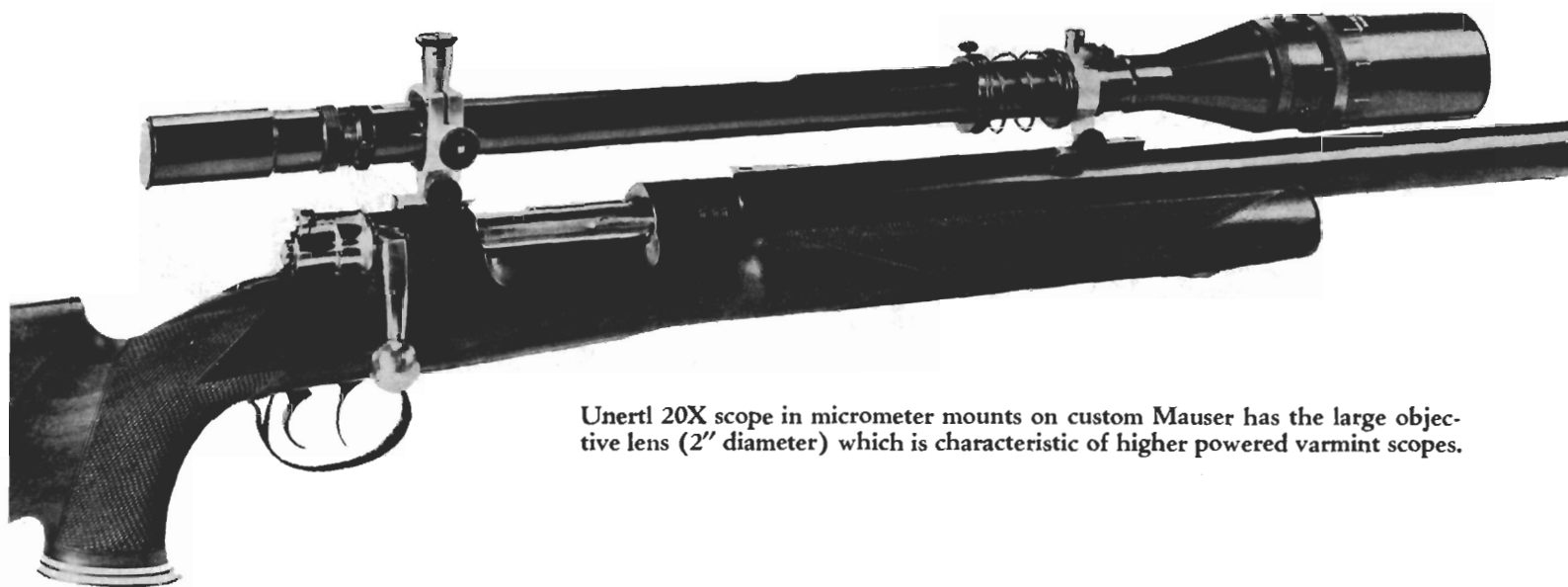
By DAVID F. BUTLER

CLEAR SIGHTING is the purpose of rifle telescope sights. Yet there is no subject on which the average sportsman is so blind as the innards of his glass sights and why some are better than others. In trying to choose from a wide variety of makes and designs, shooters usually rely on manufacturers' claims, without understanding the basic properties which make one instrument more valuable to him than another. Statistics of mount and scope weight are easy to comprehend, yet the functioning and reasons why sights may vary greatly in value for a specific job, is the least understood phase of this least-understood instrument.

While optics is a complicated field of design, the principles involved in scope sights and the methods of operation of these instruments can be easily understood with a clear explanation. New understanding may help you choose your next scope wisely.



Large number of foreign scopes now on American market, such as Kahles scope being fitted by Ferlach gunmaker, make knowledge of glass sights more important than ever.



Unertl 20X scope in micrometer mounts on custom Mauser has the large objective lens (2" diameter) which is characteristic of higher powered varmint scopes.

A hunting scope is in some ways like a rifle—only reversed. Bullets go down the bore of the gun, away from the shooter, and hit the target. In a scope tiny "bullets" of light from the target pass through the tube and hit their own "target"—your sighting eye.

Every solid object sends out light. If your eye—or a telescope—is looking at the object, it will pick up rays of reflected light. Not all the light reflected from the entire surface of an object (deer or woodchuck, for example) will enter the scope, but all those sent towards the shooter which are picked up by the scope will be brought together to form an image behind the lens.

All the rays sent toward the scope

pass through the lens, and all are brought to a point by the curve of the lens, much like a single lens can focus sunlight to start a fire. This, incidentally, is the reason why under no circumstances should you ever look at the direct sun with any scope—you'll be burned blind in an instant. But the very much weaker reflected light is always perfectly safe through a scope, and the only difference you may notice besides magnification is that the image seems much clearer and brighter, such as at dawn or evening when scopes can give you an added half-hour of safe shooting because they make things seem brighter.

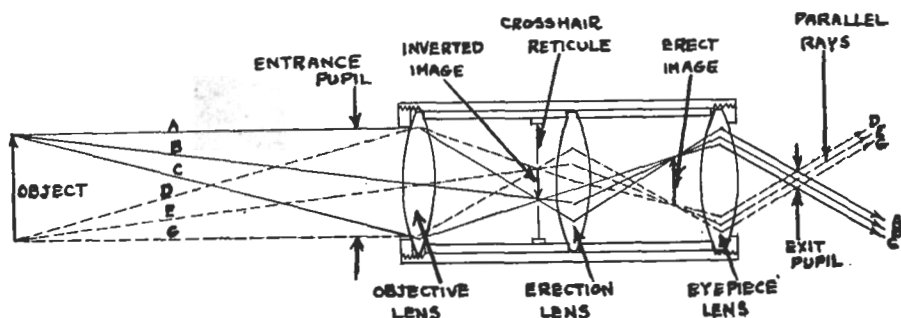
When the rays pass through a lens,

they all come to a point and then continuing, diverge again growing ever wider and weaker. If the object viewed is located above the axis of the lens or center line of the scope, the image formed after the rays cross occurs below the axis of the lens; this invariably occurs with any lens that forms an image.

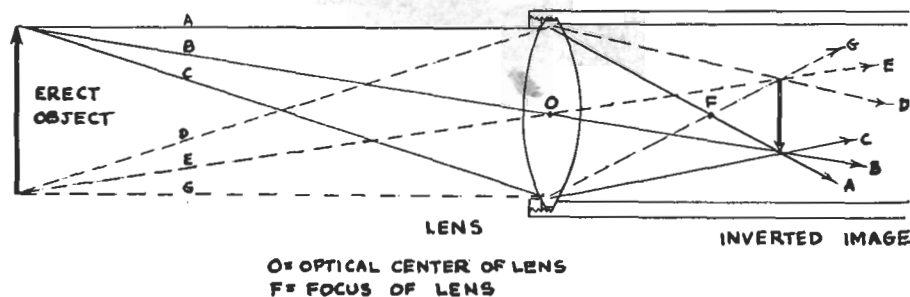
In a telescope, the fixed diameter of the objective lens at the front of the scope controls the amount of light which can enter. The wider the lens, the greater the light gathering power of the scope usually. But some of the cheaper scopes made some years ago in Europe traded on this fact by fitting very wide objective lenses, although only the center areas picked up light.

The human eye is a little more advanced in design than the scope; the adjustable iris diaphragm limits the light entering to that required for a clear, "normal" image. On a bright day, or watching yourself in the mirror while shining a flashlight on your eye, you can see the iris opening close down until a very narrow pencil of light enters. On a dark night, the opening will be made as wide as possible to gather in all the light available. The diameter of the pencil of light is known as the "entrance pupil."

The eye lens transfers this beam of light into an image on the light-sensitive back of the eyeball called the "retina." This image is inverted, because all points of the object which naturally lay above the axis of the lens were cast on the bottom of the retina, while all parts below the axis of the lens were cast on the upper part. In our brain, some sense tells us to right things again, but in a scope, more lenses have to do that job. The optical



Simple telescopic sight focuses on object (arrow) and converts light rays into image. Diagram shows how rays from top and bottom of object are transmitted.



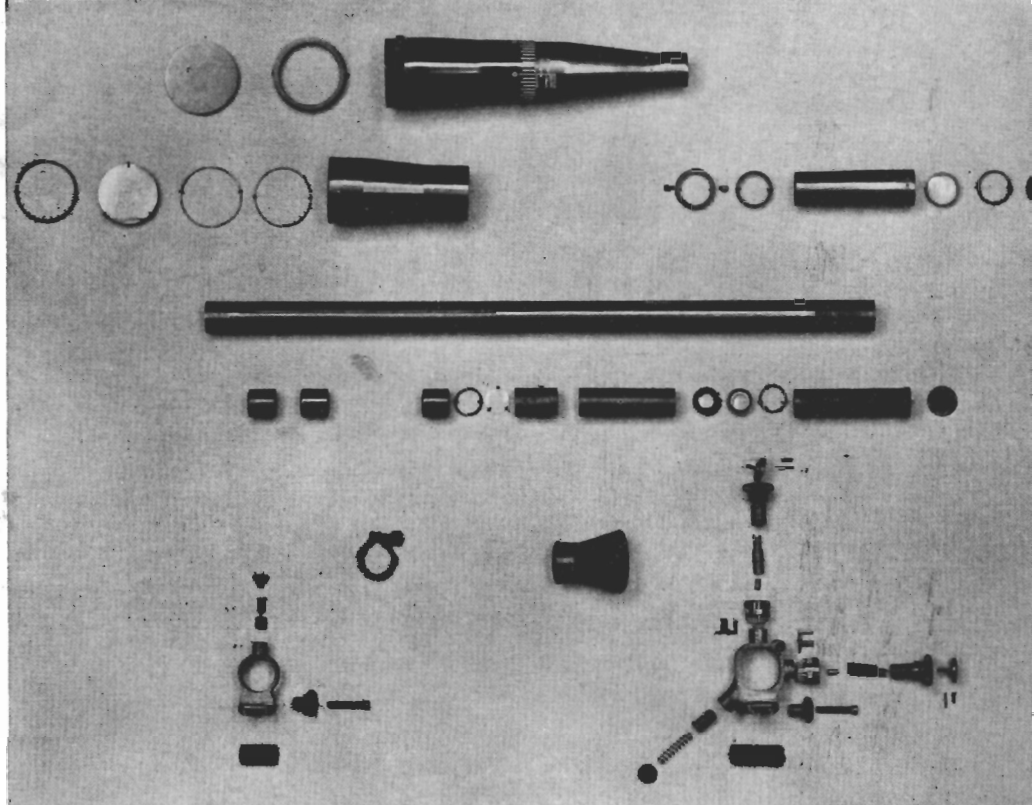
How lens forms an inverted image in scope can be seen in further breakdown of how rays behave. Distance O to F is focal length, is method of rating lenses.

situation in the eye is exactly the same as in a simple lens scope except that the light diverges again after forming the image, while in the eye the retina stops it. So far, in both the magnification is "one to one" where the object, depending on distance only, seems natural size.

The simplest possible telescope we could use on a rifle is a three lens system. The objective lens at the front forms an inverted image, which continues through a second, erecting lens that forms an upright image just forward of the third eyepiece lens. This erect image is located at the exact focal distance away from the eyepiece lens. This is very necessary, since otherwise all we would see instead of a clear image would be one much reduced or fuzzy.

A beam of light which enters a lens parallel to the axis of the lens is bent and passes through a certain point beyond the lens. All the many beams of light parallel to the axis pass through this one point, and consequently it is known as the "focus" of the lens. In our simple scope, since an image is formed at the focus of the eyepiece lens, it is as if a focusing lens were turned around and the light passing through the eyepiece lens will leave parallel to the axis. These parallel rays are picked up by the eye exactly as if it were looking at an object and an image of the target greatly magnified is formed on the retina.

Crosshairs in a scope are important in considering which one you will choose for what purpose. These fine lines are needed to make an aiming mark. A circular reticule of fine crosshairs is placed in the scope where the image of the objective lens is formed. The hunter never sees the crosshairs; instead, they block out two narrow



Lyman target scope taken apart shows four achromats and one simple lens used. Front mount is at lower left and micrometer rear mount is at lower right.

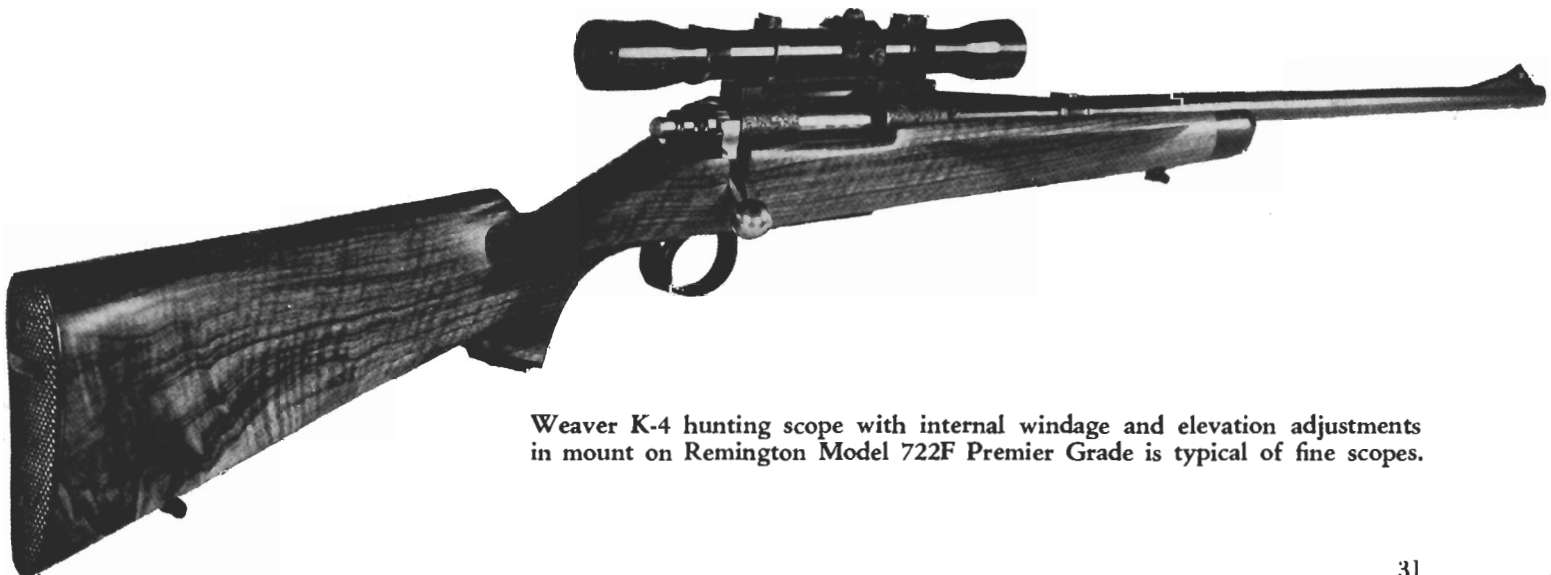
bands of light so that a shooter actually sees an image with two dark bands across it where no light comes through—a shadow.

These images take various forms. For high-powered target scopes, 20X or more, extremely fine hairs are used. These may be tungsten wire or spider filament, though human hairs are known to have served the job in a scope reticule that was damaged. As the power is diminished, down to 4X or 2½X hunting scopes, the hairs get bigger. Two reasons for this are: the lower power means a thicker, more easily made wire can be used, and also, thicker wires are needed to shoot in poor light, such as the end of the day when any die-hard deer hunter without

his buck will hang on waiting for one until the light fades.

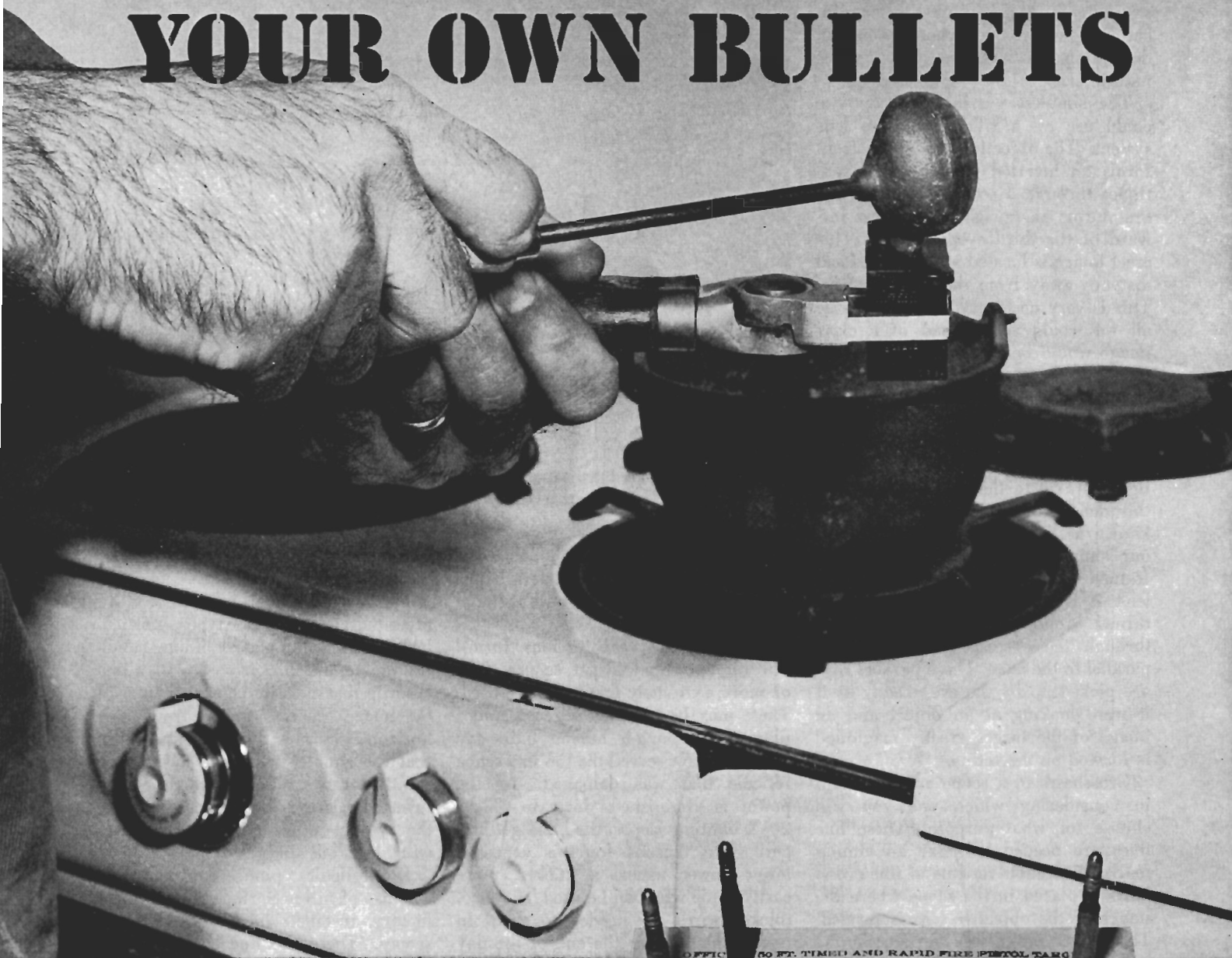
Most scopes now use single "X" cross-hairs. European types, particularly the Hensoldt glasses of long-standing repute, use thicker posts with a tapered tip that ends in the exact center of the image. Some scopes have double horizontal hairs and two thicknesses so that the shooter will have a sight instantly for two different ranges. Even inverted posts have been used, on the theory that a post rising straight up will block out the game.

Dot reticules, pioneered by Robert Thomas of Silver Spring, Md., are now factory-installed in many American scopes. These use fine cross hairs in hunting-power (Continued on page 60)

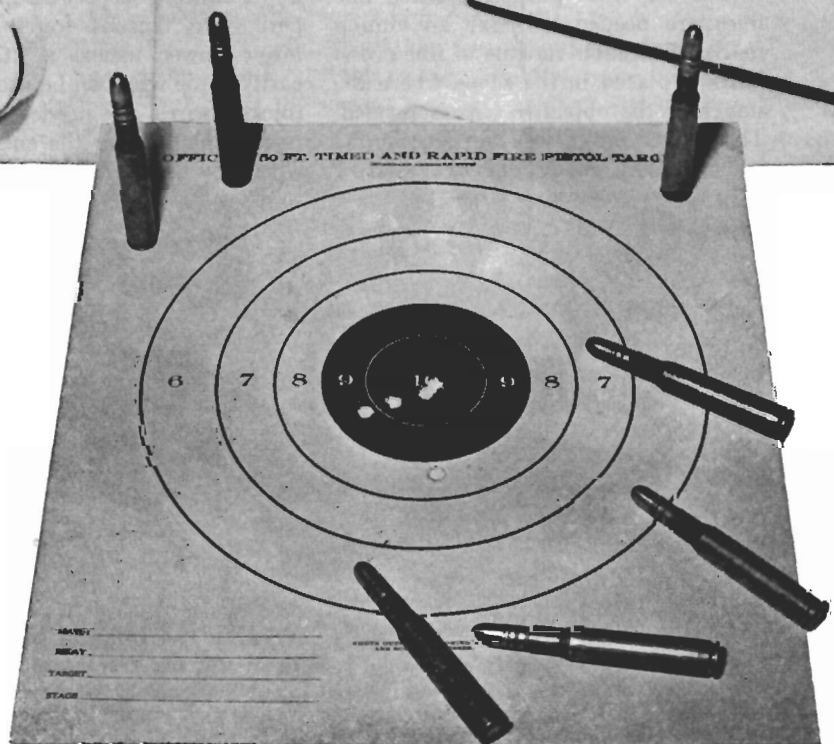


Weaver K-4 hunting scope with internal windage and elevation adjustments in mount on Remington Model 722F Premier Grade is typical of fine scopes.

HOW TO CAST YOUR OWN BULLETS



Holding pouring spout to mould on side and then tipping both neatly into upright position lets full weight of metal fall on bullet while casting, producing perfect bullet shape and balance which are absolutely necessary to perfect accuracy as shown by handload group (right), which was shot at 100 yards.



CASTING BULLETS FOR BEST ACCURACY IS EASY IF YOU KNOW HOW: DETAILS MEAN ALL THE DIFFERENCE BETWEEN HIGH SCORES AND MAGGIE'S DRAWERS

By BOB KINDLEY

CAST BULLETS ARE the modern handloader's way to beat the high cost of ammunition. Factory-loaded cartridges for a high-powered rifle cost upwards of 15 cents each. Even precision-made jacketed bullets for handloaders cost about a dime. Casting your own bullets is the economical answer. Accurate cast bullet handloads can be worked up at a fraction of the cost of loads using jacketed bullets, but in order to obtain the best possible accuracy from cast bullets, each one must be perfect.

Casting accurate lead alloy bullets is no trick. Any one with a minimum of experience and equipment can produce perfect cast bullets. But each operation from casting to seating of the bullet in the case must be performed with the utmost care if consistent groups are to be obtained.

A cast iron melting pot that will hold 10 pounds of bullet metal, a special dipper with a spout to fit the sprue hole of the mould, and the mould itself are the items that need to be bought. Heat, a wooden mallet or hardwood stick 2 x 2 x 12, a couple of tin pie pans or coffee can lids, and a folded blanket or towel are also needed. Oh, yes, I almost forgot, but you won't after one melting session: you'll also need a pair of gloves to handle the hot mould and dipper with. Any soft lead, scrap or new, may be used, hardened by added tin. Block tin or ordinary solder are both excellent. Solder, a mixture of lead and tin by weight, is easy to use. A pound of 50-50 solder contains a half pound each of lead and tin. When 4½ pounds of lead are added to a pound of this solder, the resulting mixture will be 5½ pounds of a 1 to 10 bullet metal.

When starting to cast arrange your equipment conveniently. Place a folded blanket or large turkish towel so that the bullets can be dropped from the mold on it. Arrange the tin pie pans so that one can catch the sprue cuttings, the other the dross. Keep a few pieces of beeswax handy for fluxing.

Weigh out and melt the lead, a small quantity first and then add the rest. When the lead has melted, add the correct weight of tin for the hardness desired. Take the dipper and stir the two molten metals thoroughly. Leave the dipper submerged in the pot.

Flux the metal by adding a piece of beeswax about the size of a walnut. It will melt, spread over the surface, smoke for a while, and then burst into flames. If it does not ignite, touch it off with a match.

Fluxing is important for three reasons. It helps the metals to mix properly, causes the impurities to rise to the surface, and makes the molten metal more fluid. After the beeswax has burned, skim the dross from the surface

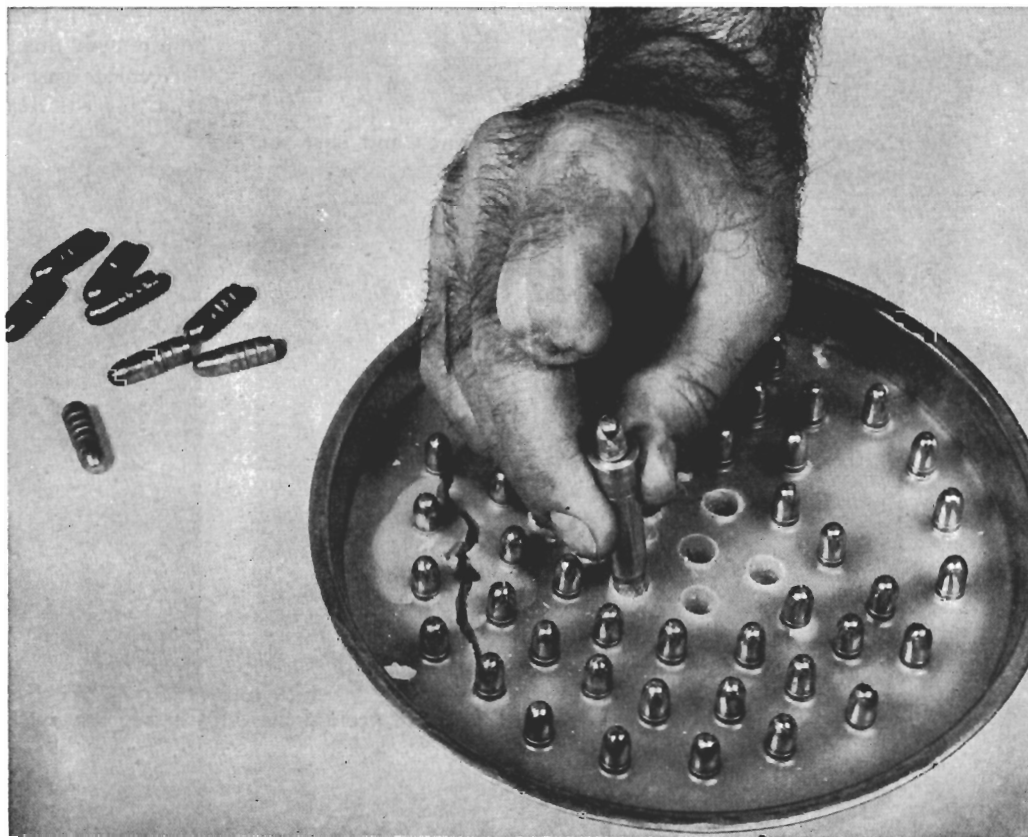
with the dipper and dump it into one of the pie pans. This operation will be necessary every 15 minutes or so, but it should never be done without first fluxing the metal with beeswax. This is important for good casting.

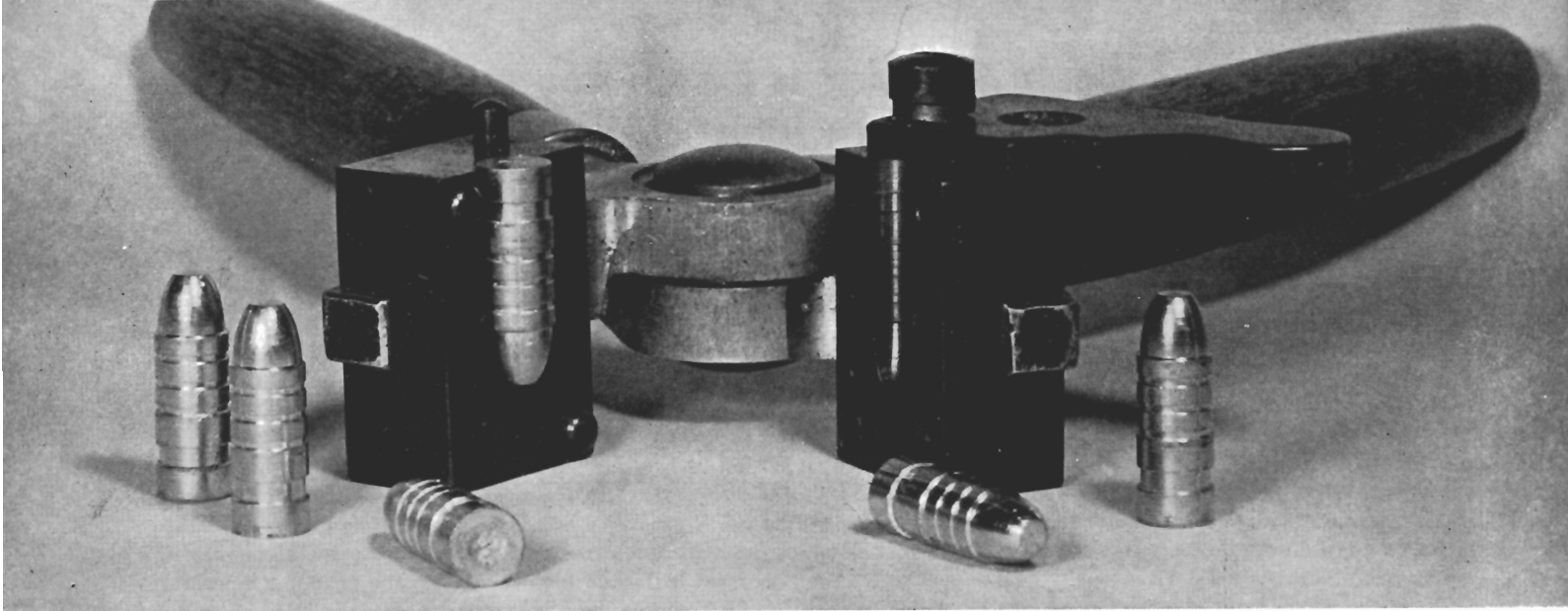
One of the secrets of casting perfect bullets is to have the mold very hot, almost as hot as the molten metal itself. A quick method is to prop the mold blocks slightly open against the melting pot while the metal is melting. This will bring the mold almost to the proper temperature by the time the alloy has melted. Turn the mold every few minutes to distribute the heat evenly; otherwise the mold may warp. Never dip the entire mold in the molten metal to heat it. It will come out a solid block of metal, firmly soldered together, and require a lot of time to clean.

When ready to start casting, hold the mold with the sprue hole to the right over the pot. Fill the dipper about 2/3 full of metal and connect the spout with the sprue hole. Tip the mold and dipper neatly upright. The weight of the molten metal in the dipper will force it into the mold. Tip the dipper away, leaving a small puddle of molten metal in the sprue hole. With a little practice, it will be easy to leave just enough to fill the hole.

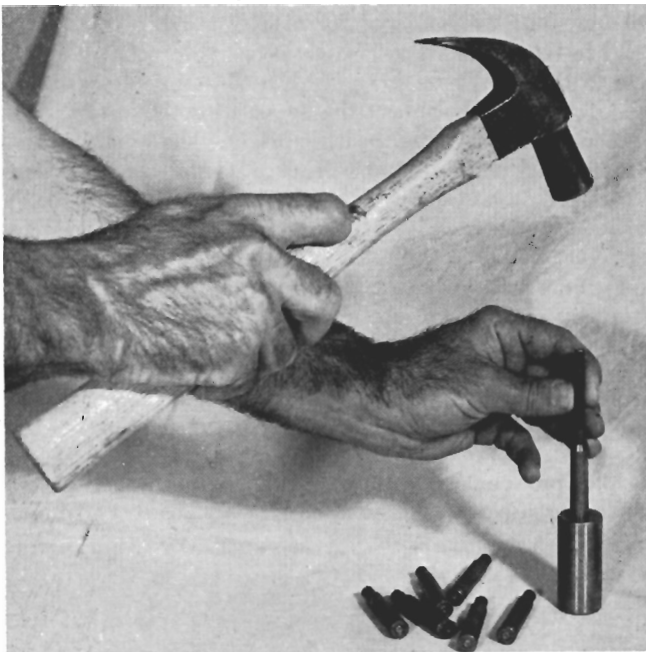
With the mallet give the cutter a tap to cut off the sprue. Drop this small piece into one of the pie tins. Later these can be dumped back into the pot. Open the mold a few inches above the folded blanket and drop the bullets onto this soft surface. Hot bullets are easily damaged, must be handled carefully.

Lubricating is done in old pie pan with cast bullets standing on bases. Pick up bullets from cooled grease with "cake cutter" made from cartridge.





Mould block faces should fit true along the parting line, leaving only minor ridge at worst on the bullet as cast. Sometimes bullets will remain in one half of mould when it is opened. Never strike mould blocks with metal, but only tap gently with wood to loosen bullet and allow it to drop lightly onto soft cloth.



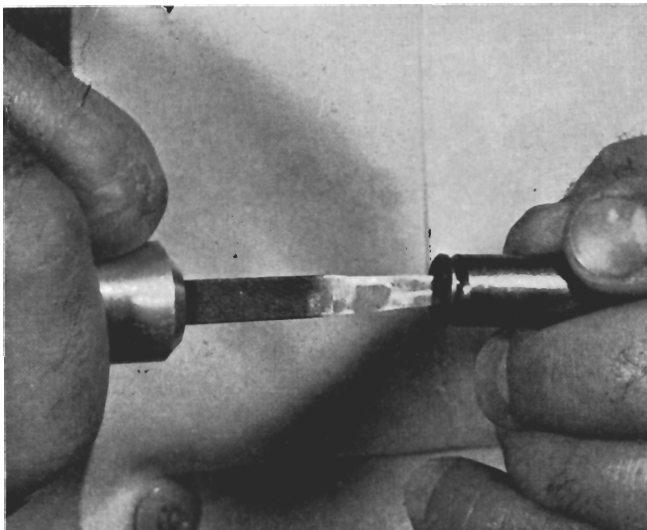
Decapping is done with inexpensive punch and base set.

Bullets will be imperfect until the mold has reached the right temperature. Continue casting and discarding, perhaps 15 or 20, until the bullets look perfect. When the bullet is a bright, shiny silver with full sharp corners and a smooth perfect base the mold has reached the proper temperature. Casting can now proceed without interruptions except to flux and clean off the dross.

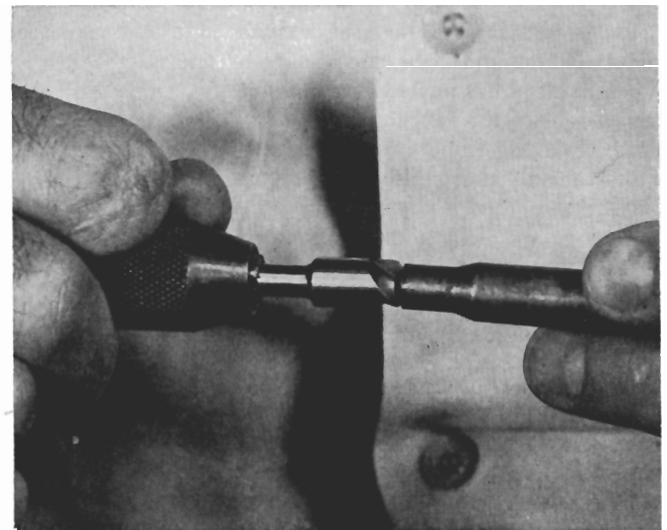
Too hot a mold will make the bullets look frosted. Cool it by waving it in the air a few times, or by dipping it in hot water. But never, under any circumstances, dip the mold in hot water without a bullet in the cavity. If you do the mold may warp and be ruined.

Bullets have a tendency to stick in one half of the mold. Tap the opposite block or the hinge of the mold with the mallet. Never strike it with metal. A few taps will usually cause the bullet to drop free. Sticking bullets may be an indication that the mold is becoming too hot and that the bullets are not shrinking. Cooling the mold slightly will help remedy this.

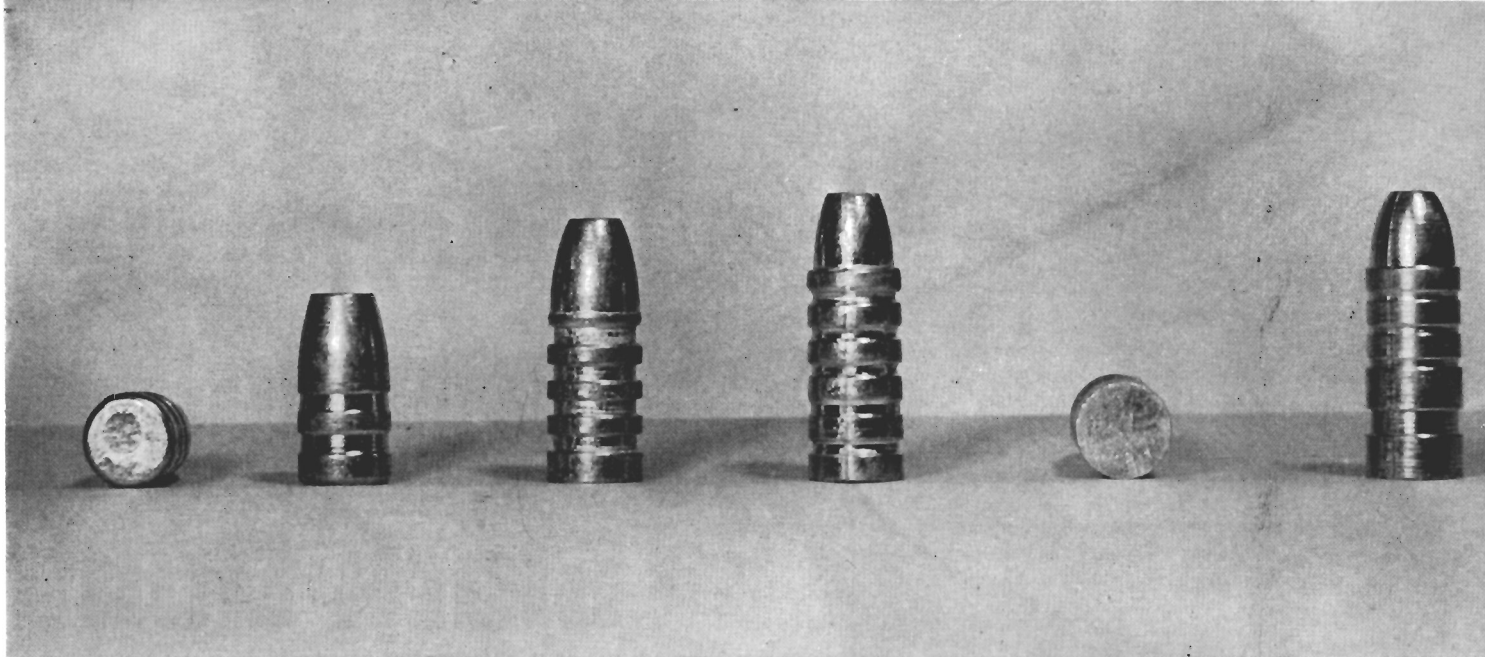
Accurate cast bullets must be perfect. Handloads with relatively soft lead bullets must be assembled differently



Primer pocket on GI case is reamed with old ground file.



Chamfering resized neck is necessary to guide bullet.



Mould temperature will affect quality of cast bullets. No. 1 and 2 (left to right) are poorly cast, bases rounded and not filled out because mould was too cold. No. 3 is frosty from too-hot mould. No. 4 is 32-40 Pederson bullet from hand-made mould. No. 5 and 6 are perfect bullets with flat bases, sharp corners, well formed.

from those loaded with jacketed slugs. Each operation from casting to seating of the bullet in the case must be performed with the utmost care if consistent groups are to be obtained.

After casting, each bullet should be examined and only those free from flaws be used. Grease grooves must have full, sharp corners to insure adequate lubrication. Bearing surfaces should be smooth and free from wrinkles and inclusions. An accurate cast bullet must have a flat base, the "steering end," with a clean sprue cut as near the center as possible.

A most important factor in grouping consistently with cast bullets is uniform bullet-weight. Bullets as cast won't weigh the same, even though they appear to be perfectly formed. To obtain bullets of uniform weight, select and weigh one that appears to be perfect. Use this weight as a check. Separate the bullets by weight into three categories: 1, those that weigh the same as the scale setting; 2, those that weigh a grain more; and 3, those that weigh a grain less. Discard any that vary more than a grain either way. This might seem unnecessary but it will tighten up groups

and is time well spent in achieving maximum accuracy.

The lubricant will also affect the accuracy of cast bullets. Getting the proper lubricant for any particular rifle is one of the tricks of making a cast bullet perform correctly. All commercial lubricants give excellent results with most loads, but sometimes a "home-brewed" mixture will improve accuracy, or solve a leading problem.

Home-made lubricants are many and varied. Each hand-loader swears by his own pet concoction. One that gives excellent results in my 30-06 and .257 Roberts consists of a 50-50 (weight) beeswax and paraffine mixture. This may be softened with Vaseline or some lubricant like Pensoil #305. Another home brew consists of 95 per cent beeswax and 5 per cent of any good gun grease containing graphite. In higher velocity loads graphite lubricants have given best results and helped eliminate leading.

To properly lubricate cast bullets, minimum equipment is needed. Get a shallow cake pan, cut the head off a fired case, and you're in business. Stand the bullets in the pan about $\frac{3}{4}$ " apart. Pour melted lubricant over them until it fills the top grease groove. (Continued on page 64)



Bullets are sized through Ideal die in cheap pipe base.



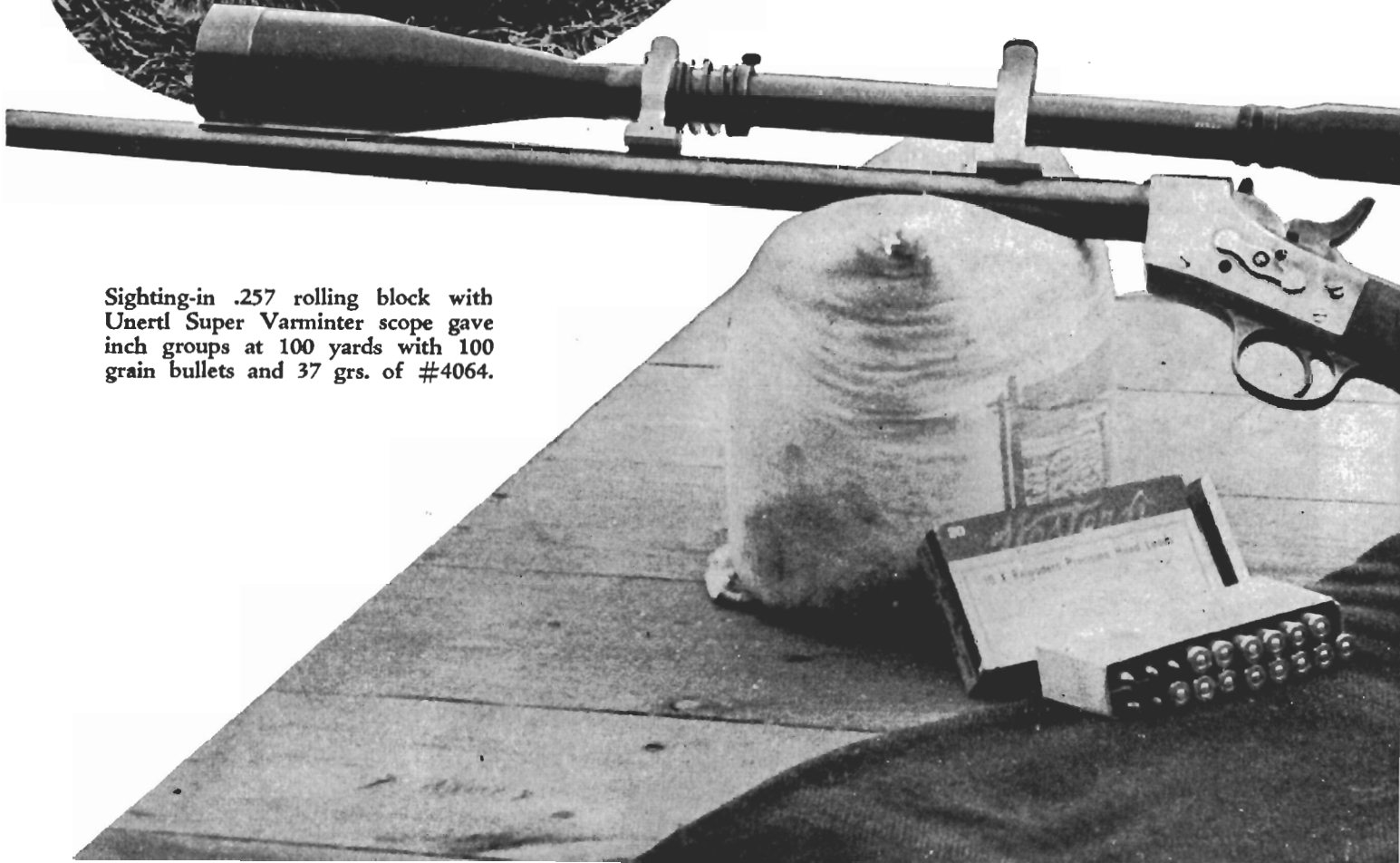
Hole in block holds tip as gas-check is put on base.



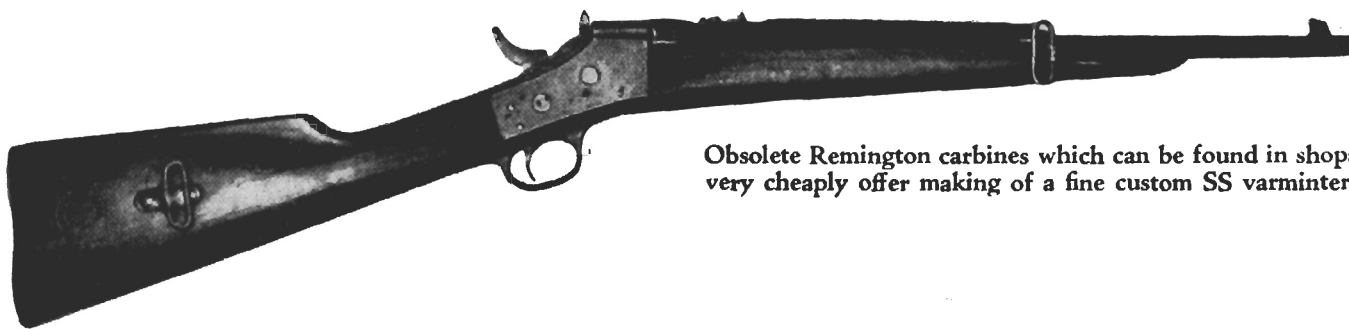
Salvaging A Rolling Block Clunk

CHEAP REMINGTON SINGLE SHOTS
ARE FINE FOR EASY CONVERSION
TO ACCURATE VARMINTER GUNS

By COLONEL WARD D. BETZ



Sighting-in .257 rolling block with
Unertl Super Varminter scope gave
inch groups at 100 yards with 100
grain bullets and 37 grs. of #4064.



Obsolete Remington carbines which can be found in shops very cheaply offer making of a fine custom SS varmint.

NEXT to attending a turkey shoot or a gun collector's bull session, there is nothing a real gone gun nut enjoys more than hanging around a topflight gunsmith's shop on a Saturday afternoon, kibitzing the arms brought in for surgery and chewing the fat with the owner. Almost any weekend at Charles C. Johnson's place at Lawrenceville, Ohio, you can find a regular museum of guns and a wide assortment of shooting characters, all the way from the lad who's putting together a 25-pound octagon barrel bench-rest muzzle loader to the Sunday hunter who wants his .30-'06 tuned up for deer season.

Charley is a gunsmith of the old cost-plus-bread-and-butter school, who puts more faith in close machine tolerances and customer satisfaction than in production engineering. Instead of handing you a crisp statement running into heavy sugar, he's just as liable as not, when your job is done, to drawl, "Oh, shucks, gimme about four and a half."

One of the country's foremost arms craftsmen, Charley turns out bolt action bench rest rifles that win championships, but he has a soft spot in his heart for the old single shots. Once the king of American rifles, the single-shot Winchesters, Remingtons and Sharps are now almost let alone as curiosities. But not entirely left alone; many have been rebuilt and refinished into fine varmint guns by Charley.

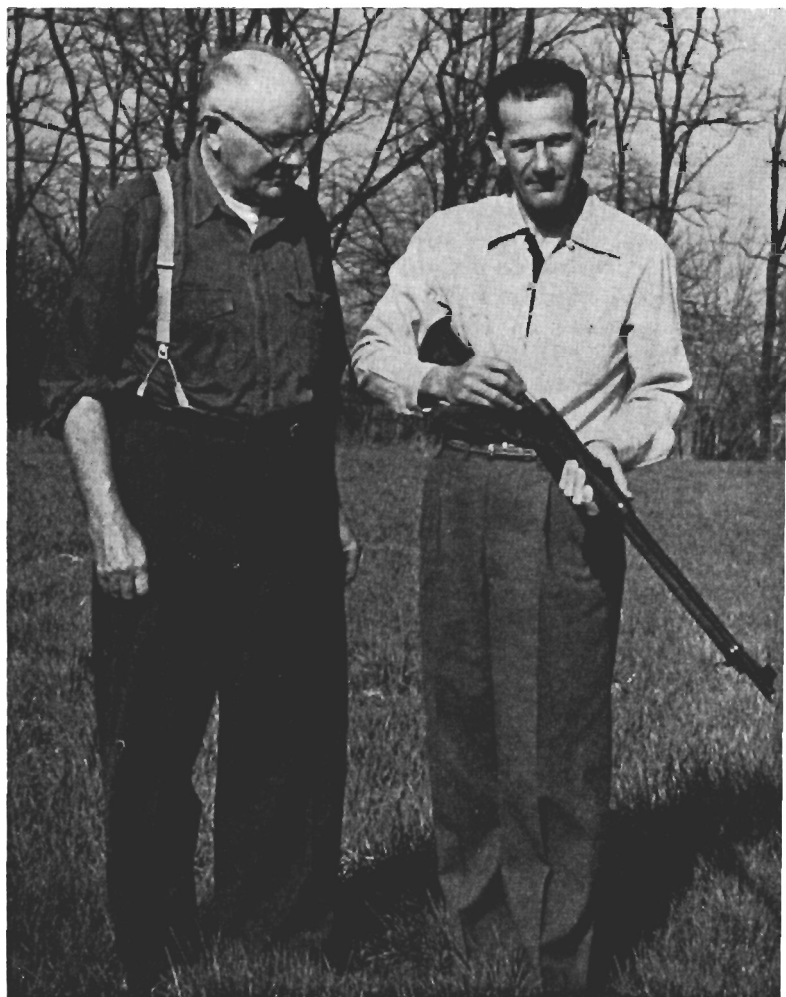
Building a varmint rifle on an old single-shot rifle action is one of the common tasks of gunsmithing today. Modern repeating designs are of advantage in firing two or three shots at the tail of a disappearing deer, but when you flop down and bust a cap on Mr. Woodchuck two hundred yards away, there isn't any second chance.

Among the simon-pure varmint shooters who haunt Charley's shop out here in the Ohio woodchuck belt, it's about an even toss-up as to which is the most popular chuck rifle. The progressives favor bolt actions like the Winchester Model 70 .220 Swift and the Remington .222 or custom-built wildcats on Mauser and Springfield actions. The conservatives lean toward single shots like the Winchester High-sidewall, with an occasional elite Farquarson or Sharps-Borchardt showing up.

I had been shooting a Haenel-Lorenz target grade Mauser that Charley had rebarreled to .219 Improved Zipper, and had been doing all right with it. The sight of Charley's rack full of old SS clunkers brought in for rejuvenation always gave me a chuckle. Why on earth a man would want to waste his time and money on such junk was beyond me, that is until Dick Lee and I started stalking woodchucks together.

Dick is an Air Force major, a big blond guy who is a technician, perfectionist and fanatic with his hobbies as

Colonel Betz tries out his standard 7mm Remington rifle with a new front sight before turning it over to Charles Johnson (left), the gunsmith who rebarreled it to .257.





Rolling block opens by cocking hammer and pulling back on the block thumb-piece. Action is safe for 7mm or similar loads if proof-tested after rebarrelling.

well as on the job. He'd acquired a Winchester Low-sidewall musket and had Charley convert it to .22 Hornet. Dick had popped off an awful lot of groundhogs with it on the theory that one shot was all a man needed for one hog.

The trouble was that he wasn't content to stick with the Hornet and groundhogs. One evening a couple of years ago he came charging into the house with an idea.

"Why," he demanded, "wouldn't it be a good idea to send in to Winfield Arms and get a couple of these 7mm carbines?" He showed me an ad describing the Remington Rolling Block shorties as excellent arms for deer. Dick knew my weakness for the 7 x 57 cartridge which I had used so successfully on elk, wild boar and chamois, but after all, the ancient Rolling Block was hardly the rifle I'd had in mind when recommending the 7mm to Dick as his first big-bore rifle. I couldn't quite see dumping good dough down the barrel of a relic that probably wouldn't shoot for sour apples and might blow up if it did, and I said so.

But Dick is a mighty persuasive guy with his ideas. He was about to be assigned overseas and had decided that a 7mm bargain was just what he needed for the medium game he expected to encounter. Before I could think up any more convincing arguments, an order for two carbines was on its way to Los Angeles.

Not long afterward I got a subdued call from Dick. "You'd better come over. They're here," he said in the tones a man uses to announce his best coon dog's demise. Dick was waiting at the back door and led me silently to the dining room table where a long paper carton lay open with two stubby guns lying in it like Exhibits A and B at an inquest. They were the ugliest, most weather-beaten little monsters I'd ever laid eyes on, and I groaned inwardly at the thought of the powder and primers I could have bought for the cash I'd invested in one of them.

"Take your pick, it was my idea," Dick said. "Barrels on both of 'em are pretty rough. Stocks are all beat up; they're stamped 'Uruguay-something'. I think the actions are okay, but they sure have lost their blue."

I picked up the nearest carbine and cranked back the ponderous block and huge hammer to look through the bore. The barrel had once been rifled all right, but it looked like the Uruguayan GIs had skipped some "care and cleaning" classes, and had shot the rust out instead. The stock was black with years of over-oiling and was badly dented and scratched. The sights were typically oldtime military, a wedge blade in front and tangent leaf behind, and the steep pitch of the stock made the carbine as awkward to aim as an arquebus.

Dick was hefting his bargain, trying it on for size and clanging the action open and shut. Gradually he

began to lose his sorrowful look. "They're just as advertised, all right," he mused. "Good mechanically and fair otherwise. What the heck, for 16 bucks I didn't expect to get a mint number. Wonder if it'll shoot?"

Guns don't stay unshot long around here, no matter how gruesome their appearance. That weekend, after taking the Rolling Blocks apart for a condition check, we took them out to the range for a tryout. We'd read about the guns and knew they'd been manufactured and used for years in many heavy calibers. All parts of the actions had appeared to be in good shape, so I felt no qualms in firing standard factory 7mm ammunition.

The stubby Remingtons were almost impossible to shoot from the prone position as the line of sight was about 2½" above the comb of the stock, so I fired the first five shots from sitting. The noise was something out of the past, say about July 4, 1920 out behind the blacksmith shop. The muzzle blast filled my low-cuts with sand. At 25 yards all shots registered on the paper and the empty shells ejected enthusiastically. Dick's carbine also performed well at 25 yards, but out at 100 yards both formed cones of dispersion like a Spray King hose nozzle set for sweet peas, and we gave it up as a bad job.

Several months later I dropped in at the Winfield Arms Corporation's showrooms in Los Angeles and mentioned to Paul Rennick, who was squiring me around, that we'd been somewhat disappointed in the carbines. He took me back in the shop where hundreds of the long 7mm rifles were being degreased, and told me all the carbines had been sold. Paul explained that each rifle was inspected and graded as being in good, fair or unserviceable condition, and was priced and sold accordingly. He offered to take our carbines back. But we'd decided to keep them for the actions, so I ordered two of the Rolling Block rifles with Paul's promise to be on the lookout for a couple with good barrels.

Dick and I wound up a month later with two more Remingtons that were as pretty as new, their actions mottled like Colt's .45 Peacemakers and the blue on the rest of the metalwork in perfect shape. The bores were as clean as glass and looked like they had never been fired. The walnut stocks were in excellent condition not oil-soaked or gouged like those on the carbines and except for a little wear on the butt-

plates, the rifles looked like they'd just been delivered from the factory.

Before we could get in any shooting with the long Remingtons, Dick was transferred to Australia. I settled down with powder scales and sandbag to find out what my 1901 type musket could do with modern handloads. It took me only a couple of shots to find out why the Uruguayans hadn't used my rifle. It had an oversized chamber with so much headspace that full loads ruptured the cartridge cases at the web, and I suppose it had been sitting in cosmoline in some arsenal corner for 50 years waiting to be sold as war surplus.

Fired forming cases with reduced loads cured this trouble, but I discovered that the chamber was also somewhat egg-shaped and fired cases

wouldn't go back in the rifle without being full-length resized, a laborious job. I had plenty of empty brass, so I gave the rollicking Remington a good workout, and it gave me a pleasant surprise. Shooting in freezing weather that December, I made several 10-shot groups measuring a little over 2" in diameter. By varying the powder charge I found I could tighten groups up well under 2", and I began to think I had something as accurate as many factory rifles on the market today.

Of course the sights were pretty bad, the trigger pulled off at about ten pounds, and I got a crick in my neck every time I shot a string from the sandbag. But there was something about that darned old relic that captured my heart. I still feel a lot more professional carrying my Springfield,

but when I haul back the big hammer on the Rolling Block and watch that long barrel swing into line, it takes me back to the old days. I can imagine how the pioneers must have felt, facing buffalo and grizzlies on the great plains with only one shot, but a lot of confidence.

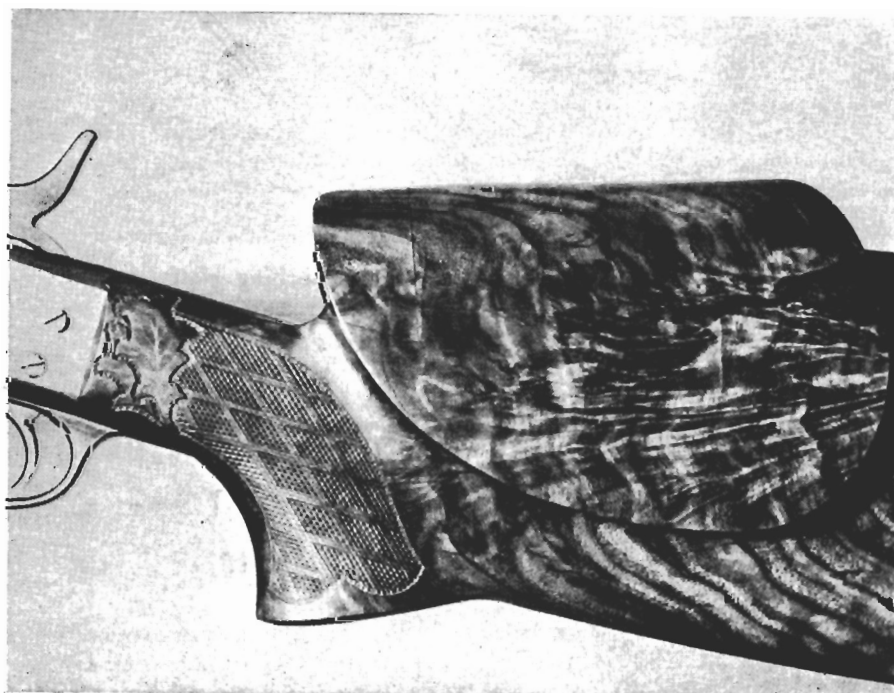
My first reaction was to convert the Remington 7mm to a sporter with a decent stock, a scope and a trigger job. But when I discussed it with Charley Johnson, he convinced me that it would be a shame to spoil such a well preserved specimen. The rifle handled so well offhand that the low-pitched stock wasn't too much of a handicap with iron sights. It was so light that little could be gained by removing the slender, military forearm and hand-guard. So Charley removed the barrel and reamed a tight new chamber in it, sweetened up the trigger pull and mounted a pair of Lyman sights, leaving the rest of the rifle as issued.


The more I shot this semi-modified antique the more I liked it. Not only was its accuracy improved, but it handled better for field shooting than any rifle I'd ever shot standing on my hind legs. As a matter of fact, I had so much confidence in it that I took the 7mm Rolling Block to Alaska the next year, much to the amusement of my hunting partners, and bagged a moose with it.

One spring Saturday afternoon I took one of the old Remington carbines up to Charley's shop to find out what, if anything, it could be used for. Charley is an *(Continued on page 56)*



Fitting new butt for high scope sight line involves gluing extra pieces (above) onto Winchester Hi-Wall blank to adapt to Remington. With some checkering, finished stock makes high cheek-piece seem to be original.



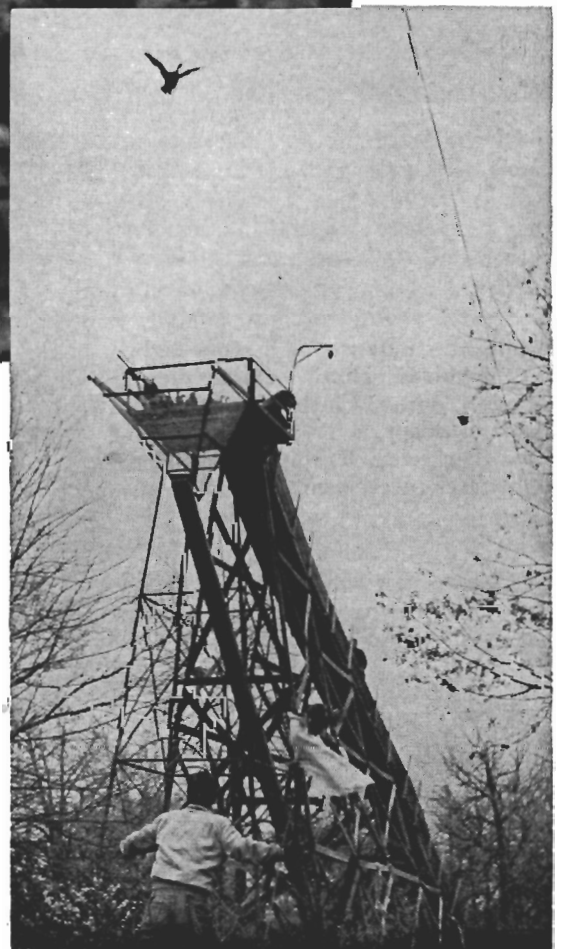


LEADING DUCKS TO SLAUGHTER

Quacking ducks waddle up slippery ramp to launching platform (right) where they will fly out across muzzles of hunters' guns.

**NEW GAME FARMS NEAR BIG CITIES OFFER
HUNTERS CHANCE FOR CASH-AND-CARRY BAG
OF BIRDS BUT IS IT SPORTSMANSHIP?**

By WILLIAM C L THOMPSON



WITH THE DRAINAGE of vast acres of former wildfowl feeding grounds throughout the nation, America's hunters are hard pressed in many areas to find ducks for hunting. As a result a new hunting gimmick has been devised by some promoters to provide ducks on the wing for would-be hunters. What it amounts to is virtually an open air slaughterhouse.

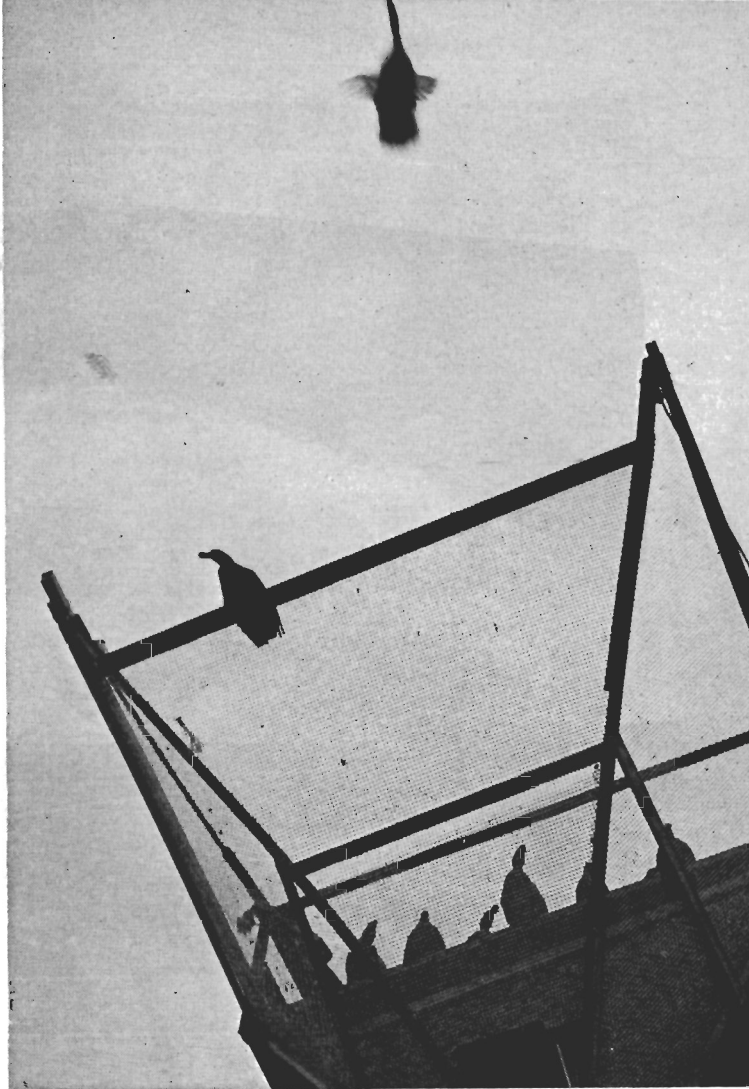
The duck-hunting grounds are found near big cities around the nation and hunters are invited at a fee to get their bag of feathered friends. The prospectus tells the hunter that he need not drive many miles to find a suitable place to set out decoys and build a blind. Close at hand is a private shooting ground, where ducks and even pheasant are raised from eggs and turned loose to fly out over "hunter's" guns. It's almost impossible to miss coming home with a good bag.

Typical of these game farms is the Wing and Fin Lodge near Chicago. Only 40 miles from the Loop in McHenry, mallards, pintails and other wild ducks are raised on a farm like any other barnyard animal. They are kept under chicken wire so they cannot fly away, and are well fed so that they will fly when their turn comes to "walk the last mile." On execution day, the ducks are kept from water, so that when they leave the launching platform, thirst will send them to the lake.

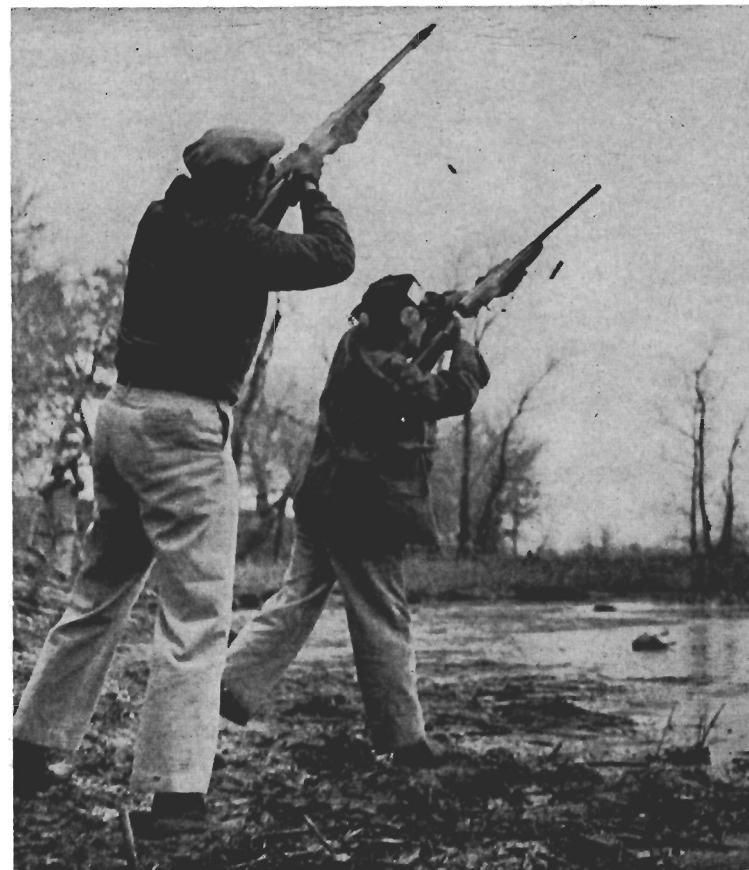
The "last mile" is a long wooden ramp with cross slats so that the ducks' feet will not slip as they paddle up the incline. Wire netting covers it, to make them walk up the ramp, not fly. When I was at the Wing & Fin Lodge, a light rain had made the ramp slick and slippery, and the ducks had a tough time walking. They slipped and flopped around, but finally, tired and worn, they reached the top.

Here a railing affords them a place to fly from. Immediately in front of the railing is a wire cage into which tired ducks that won't fly flop and slide down to the bottom again where they are prodded up the ramp again. Finally they take the "easy way" and fly. *(Continued on page 73)*

Hunters wait behind trees or out on the lake in blinds until ducks, driven from ramp, fly out to meet booming guns.



Ducks pause at top of ramp after long climb, before taking to air and slaughter by hunters as they fly to lake.





NEW SEARS INNOVATION DIGESTS ANY 12 GAUGE LOAD AND PROVES HIGHLY EFFICIENT IN A RUGGED TEST DESPITE SOME BUGS IN GUN

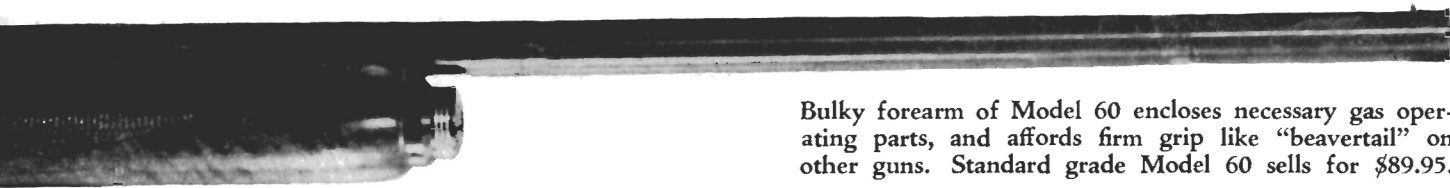
By COLONEL CHARLES ASKINS

SEARS, ROEBUCK which once provided more toilet paper in the shape of last year's catalog than did Scott's Tissue are now making firearms. It has been a gradual evolution. Once Sears owned Meridan Firearms Company but apparently found gun-making unprofitable and Meridan disappeared. Then Sears commenced peddling Stevens and Savage ordnance under a Sears pseudonym and later by the reported acquisition of an interest in the High Standard Arms Co. Along with the venture into guns manufacture came the practice of calling all their sporting goods the "J. C. Higgins" line. This hombre, Higgins, has his monicker tacked on everything. To the uninitiated it would appear that John Clarence, or whatever those initials stand for, must be a rootin', tootin', hell-for-leather outdoorsman. He lends his name to tennis racquets, golf clubs, fishing tackle, boats, skis, shooting irons, and a thousand other sports items.

As time has gone by, I have grown increasingly curious about old John Clarence. Finally I asked some of my amigos at Sears to give me a rundown on this redoubtable if somewhat nebulous character. I figured he must be a seventh vice-president in charge of sporting goods at least. What I got for an answer would do credit to a page straight from this year's Congressional Record. Higgins is no vice-president and he is not in charge of sporting goods. As a matter of fact he is in charge of nothing; he just ain't.

Suffice right here to state that John Clarence is not John

Author Askins holds two Model 60s amid piles of shotshells he fired in extensive test of Sears' new gun.



Bulky forearm of Model 60 encloses necessary gas operating parts, and affords firm grip like "beavertail" on other guns. Standard grade Model 60 sells for \$89.95.

FIRST SUCCESSFUL GAS SHOTGUN

Clarence at all. Those initials stand for Josephine Clementine for you see J. C. Higgins is a female.

I know this to be a fact for the gal is in a family way. And if you don't believe it, just take a gander at the latest Higgins silhouette. There amidships, right between the poopdeck and the waterline, is a bulge unmistakable and damning. Yep, Sears has got a pregnancy on its hands. And like a lot of these Saturday-night-moment-of-passion affairs, this one is going to raise some eyebrows in criticism.

The evidence of this blessed-event-in-the-offing is revealed in a brand new Sears product, the latest to bear the name J. C. Higgins, and it makes out a bad case for Josephine Clementine I'll tell you! The belly line looks worse than the last time Farouk made Life Magazine.

This latest is a shooting iron, a shotgun, an automatic, and if it were human and famous, Winchell would be braying to the heavens that here was grist for his mill. For the gun is as neat and trim as a Briggs Cunningham racer—until it comes to the midsection. Here it bulges, sags, protrudes, distends, swells, and just looks pretty sad generally.

The offending member is the forestock.

Maybe there is some excuse for the late-pregnancy ap-

pearance of the forward stock since it houses the only gas-operating system on a shotgun anywhere but despite the somewhat revolutionary mechanism contained within, I still hold that the forend is as ugly as a jackass eating cockle-burs.

It took High Standard, who make some of the finest auto pistols, five long years to conceive and birth this Sears offspring. One of the engineers up at New Haven, homebase for High Standard, took a long, hard look at the kraut Gew 41-M auto rifle right after World War II and decided the gas system could be adapted to a shotgun.

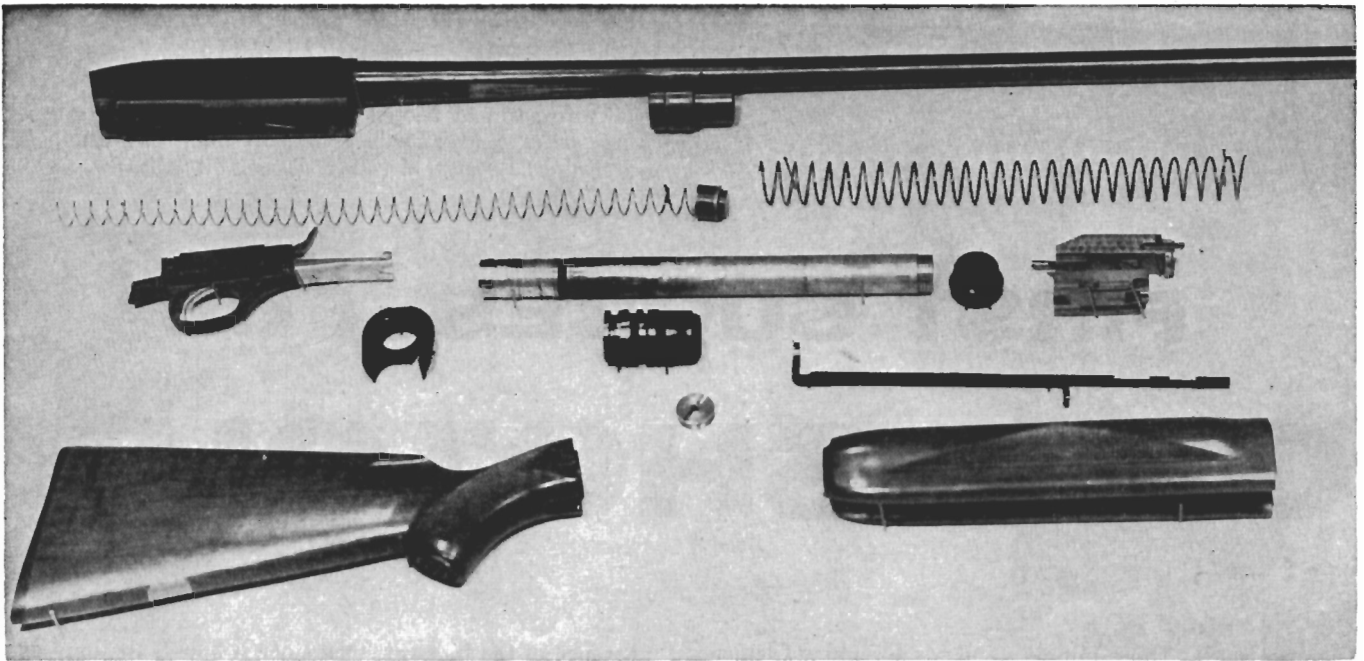
This gas system briefly is based on the employment of a collar-like piston and not the more conventional solid-head job. This collar receives the blow of the gases and due to its shape provides greater surface upon which the gases may impinge. Necessarily this somewhat novel type of piston must work upon a guide rod. In turn this provides a second advantage for this guide eliminates torque to both the piston and the operating rod.

The new "J. C. Higgins" hardware has a gas system designed along essentially similar lines. The gas piston is a collar-like piece which is fitted very snugly over the tubular

Askins sawed off one barrel to 20" riot gun length, which lowered pressure too quick. Gun would not work.

Gun failed to eject right when fired inverted, though Sears claims gun shoots satisfactorily held any way.





Simplicity of Model 60 is shown in stripped view. Gun has hardly more parts than an ordinary pump repeater.

shell magazine. Gas is vented from the barrel through three ports, lying parallel to each other and at right angles to the bore, approximately a dozen inches ahead of the chamber. This gas is jetted into a conventional gas cylinder and there impinges on the oddly-shaped piston. The piston presents a double-shoulder surface. The gas flows from the upper shoulder to the lower, and in effect produces a movement of the piston which is not so harsh and violent, especially during the first stages of its travel.

Hitched to the lower end of the piston is the operating rod which transmits the movement to the bolt slide. This slide is loosely hinged to the breechbolt and has been purposely given five-tenths of an inch (approx.) of free travel before it commences to unlock the bolt. This false travel is necessary to give time to get the shotload out of the bore and permit pressures to subside; too, the paper case has got to be given an interval to contract or else the extractor will tear the head off the case.

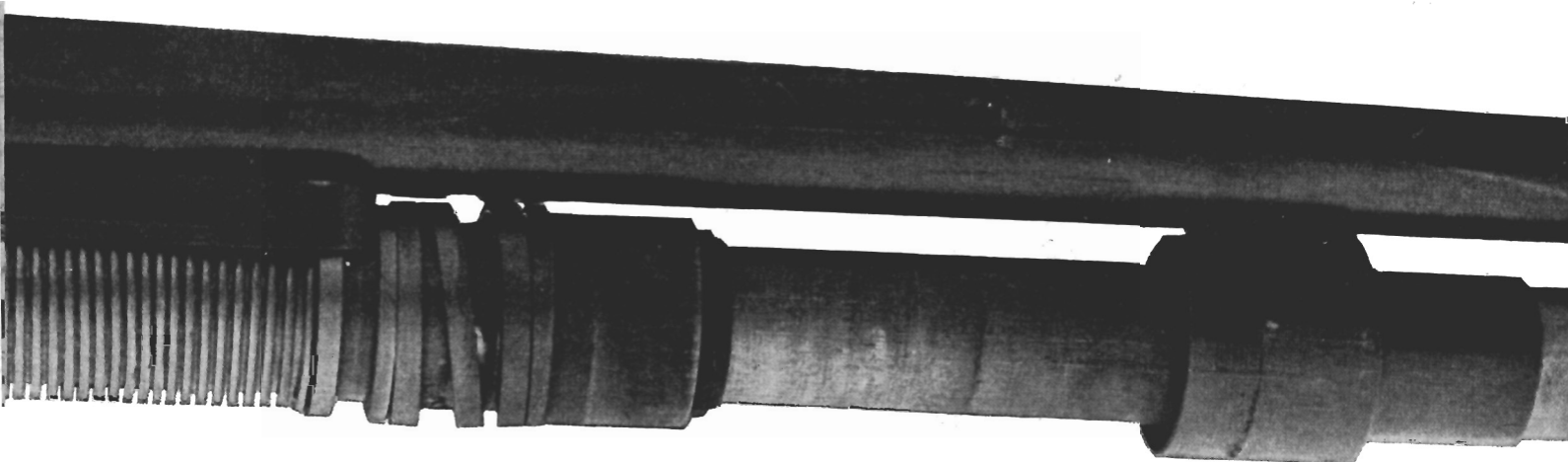
As the piston moves along the magazine tube which acts both as a guide and a gas seal, it compresses the operating spring which is wound about the tubing. Once the breechblock has reached the limit of its travel and ejection of the

empty has occurred, the spring must then provide the energy to move the breechblock back into battery, chambering the live round as it comes forward. The gas cylinder, piston and operating rod return buffer spring, and the operating spring are all contained in the bulbous forend.

The forend is metal lined and fits so tightly it is shimmed with rubber to snug it the more. A small and unobtrusive vent at the rear is utilized to permit the escape of residual gases.

Thinking the operation of the gun might depend on trapping a portion of the gases inside this cover, I removed it to see if in truth the weapon would malfunction. It would not. The performance was just as certain with the fore stock tossed under a bush as when in place on the shotgun. Why precisely it has been so carefully fitted even to the extent of adding rubber stripping, I do not quite sabe.

The Josephine Clementine—called the Model 60—is remarkably free of parts. It has only 67 pieces altogether. There are fewer parts in this shotgun than any other auto-loading scattergun on the market. The weapon is a non-takedown. This is both a blessing and a curse. A repeater, whether pump action or self-loader. (Continued on page 67)



Secret of gas-operation is "piston" ring surrounding magazine tube, which works operating slide to left of cushion spring. Early test guns did not have this spring, designed by Hi-Standard's Harry Sefried, tore shell heads.

CARTRIDGES

QUIPS QUOTES & QUERIES

By STUART MILLER

Shotgun Samples

BACK in the "good old days" advertisers did not have radio, TV and all of today's gimmicks, but they were long on sample packages. Whether it was a new batch of patent medicine, or merely a sensational new kind of cookie, companies passed out sample



boxes of their product directly to the consumer or to the retailer who handed them to the consumer. Recently I came across a box of UMC shotshells which surprised me—it proves that this habit extended even to the ammunition companies. These are not dummy display shells, but are factory-loaded shotgun shells, ready for the shooter to try out on target or game.

The set consists of ten loaded shells, five the low-powered, low and medium based shells. Two of these are pink-cased "Nitro-Club," one loaded with Hazard and the other with Troisdorfer powder. One is a low based tan-colored "Nitro Club" Laflin & Rand, and two are lemon-colored "Nitro Club" with Infalible and S.G.R. powders. The more powerful, high-based shells consisted of two purple "Arrow" shells, one with Wasrode and the other with Ballistite; a green "Trap" load with new Schultze and two pinkish "Arrow" shells with DuPont and E.C. powders. All these shells are 12 gauge, loaded with No. 7 shot. The set gave the customer a chance to try out all 10 different kinds of powder under similar con-

ditions, so that he might pick out the best powder for his purposes.

I hope some day to learn for sure how these sets were put into shooters' hands. They may have been sold by the company for a small sum, distributed free through the sporting goods dealers, or even passed out by the company representative at some of the trap-shooting exhibitions so popular in the early 1900s.

The Original Winchester 6MM

With the announcement of Winchester's new .243 caliber, or 6mm, the original 6mm Winchester Lee cartridge comes back to public interest. The 6mm Lee U.S. Navy Rifle Model 1895 was a rifle and cartridge that had more than its share of "firsts." It was the first U.S. military clip loader; the first and only U.S. military "straight pull" bolt rifle; it was and is the smallest caliber U.S. military weapon; and the smallest caliber of any military rifle up to that time or since; and finally it was equipped with our shortest bayonet, the blade of which was but 8½ inches long.

Winchester made most of the rifles, having a contract for 10,000 for the



Navy. They were not too successful, because of rapid barrel wear and inaccuracy at long ranges, and were soon replaced by the 30 caliber Springfield rifle.

The 6mm Lee cartridges were then the smallest (Continued on page 78)

Hämmerli LIMITED,
Switzerland
Hunting and
Sporting Arms

HAMMERLI Pistols and Rifles are world-famous for outstanding performance and used by the top shooters of over sixty nations! There were more World- Olympic- and National-Records established in history with HAMMERLI PISTOLS than with any other single make.

The "1955 AMERICAN" model, an improvement of the HAMMERLI-Walther "Olympia" Quick Fire Pistol, was especially designed to correspond with NRA caliber .22 match rules.

The pistol is available for the cal. .22 short or long rifle cartridge, with standard (see picture) or adjustable custom-made grips, with 7½" barrel, 9¼" sight-radius, 33 ounces trigger-pull, muzzle-brake, three adjustable weights, new SLIDE-STOP, MICROMETER rear-sight (click adjustment for elevation, opposed screws for windage adjustment) and a fine slightly adjustable trigger with no slack.



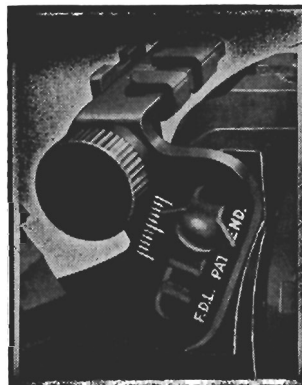
The HAMMERLI FREE PISTOL model "1954" is available for the cal. .22 long rifle cartridge, with precise micrometer rear-sight (click adjustment for side and elevation), 5-fold precision hair-trigger (adjustable within fractions of an ounce), 11½" barrel, 14¼" sight-radius and adjustable custom-made grips. Please send outline of your hand with the order.



WE GUARANTEE all our arms and parts thereof for one full year if purchased in the United States. For prices, delivery times and other information write to our exclusive UNITED STATES CORRESPONDENT:

HEINRICH F. GRIEDER
2011 Rosemont Ave., N.W., Washington 10, D. C.
(North 7-5760)

WONDERSIGHT



FOR
S. & W.
.38-M. & P.
.38-HVY. D
.44-MIL.
.45-1917

ALSO

COLT

.38 O.P.
.45 N.S.
.45 1917

NO GUNSMITHING NECESSARY
TO MOUNT ON S. & W. GUNS

COLT GUNS REQUIRE DRILLING
AND TAPPING ONE HOLE
CLICK - MICROMETER WINDAGE
Graduated Long-Range Scale

WONDERSIGHT IS TO A
REVOLVER WHAT A RECEIVER
SIGHT IS TO A RIFLE
THOUSANDS SOLD only \$4.95
YOU CAN'T GET A BETTER BUY

HEAT TREATED & BLUED—WT. 8/10 OZ.
FIREARMS DEVELOPMENT LABS.
PRODUCTS DIVISION
DUARTE CALIFORNIA

FAMOUS WALTHER AUTOMATICS

World's Safest! World's Finest! 5 Safety Features!

NEW WALTHER P. P. NEW PRE-WAR quality. Superbly balanced. Precision manufactured. ABSOLUTE SAFETY. No accidental firing. Ready as a revolver with DOUBLE ACTION. OUTSIDE SAFETY and INSIDE AUTOMATIC SAFETY. SIGNAL PIN. EXPOSED HAMMER. Extension finger magazine for increased accuracy. Home protection, sidearms for law enforcement, camping, hunting. SAFE! Add \$10 for nickel plate models



WALTHER

P.P. .32 or .380 cal. blue \$57.50 P.P. .22 LR blue \$62.50

NEW P.P.K. Smaller version of the P.P. with same safety features. Compact and lightweight. Excellent for law enforcement and necessity for concealed protection. Immediate takedown. Stationary barrel for highest accuracy.

P.P.K. .32 or .380 blue.....\$60
P.P.K. .32 Featherweight—blue Dural Frame (17 oz.)...\$70
P.P.K. .22LR blue.....\$64
P.P.K. .22LR Featherweight—blue Dural Frame (16 oz.)...\$74

NEW SPORTER Unexcelled accuracy. Choice of 6" or 8" barrel. Adjustable target sights. Matted receiver. Same absolute safeties as with all Walthers. Extended pistol grip with thumb rest. Ready-Reliable-Safe! Ideal for target, game and plinking.....



WALTHER

Famous WALTHER "OLYMPIC" Air Pistol

Modeled after the Walther Olympic Match Pistol which won the Olympics at Helsinki in 1952. Made in Western Germany. Adjustable Military Trigger. Automatic Safety. Micrometer Sight-Windage and Elevation. Three sets of Front and Rear Sights. Weight 2 lbs. 5 oz. — Length 12 inches — .177 Cal. — Shoots American waisted or solid pellets. Also darts.



\$37.50

Direct Importers

SEE YOUR DEALER OR WRITE FOR FREE CATALOG #G11

THALSON COMPANY

682 Mission Street
SAN FRANCISCO, CALIF.

GUN RACK

(Continued from page 10)

New Winchester Cartridge

A new Winchester cartridge based on the .308 case has been announced, available now in the Model 70 featherweight hunting rifle, and soon to be available in the Model 88 lever action sporter.

The new cartridge sounds familiar: 6 mm—but it is nothing like the old, highly erosive, not-too-accurate 6 mm Lee Navy of 1895. This new load, also known as .243 Winchester, is a high-intensity varmint load which ranges upwards into the medium game-killing class. Ballistics of the new round show it to be the energy equivalents of most deer and bear loads, with far flatter trajectories and greater accuracy. Even at the extreme ranges of 500 yards, the .243 in the 100-grain bullet has 835 foot/pounds energy, well within the class of some of the older black-powder deer killers at much shorter ranges.

JAP CONVERSION RIFLE PARTS SPECIFY 6.5 or 7.7

Timney Trigger\$10.00
Guard Screws 7.7 Jap, each50
Firing Pins, 3 for \$9.00.....Each 3.75
7.7 Converted to .300, .308, .30-06..... 16.00

GARTH SLOAN

6426 S. Normandie Los Angeles 44, Calif.

BRITISH ENFIELD RIFLES

Made in U.S.
303-S SHOT
REPEATING RIFLES AS
ISSUED GOOD CONDITION **27⁵⁰**

WINCHESTER MILITARY 303 BRITISH CARTRIDGES, 100-\$10

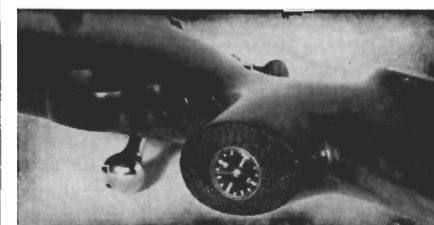
REMINGTON PUMP ACTION
RIFLE-12 Shot Repeater
Cal. 44-40—Unusual opportunity to
get this rifle at a low price. Limited
quantity Used—good condition. **39⁵⁰**

44-40 CAL. CARTRIDGES, 100-\$9
Send Check or
Money Order **\$15 HANDCUFFS, Special 7⁹⁵**
Fearless type, light weight brilliantly finished

PUBLIC SPORTS SHOPS, 11 S. 16th St., Phila. 2, Pa.

Goerg Holster\$11.95
Goerg Cartridge Carrier (for shoulder
holstr.)\$3.75
(Holster & Carrier as a unit \$1.00 less)
Goerg Hollow Pointer—Used to hollow
point revolver lead cartridges...\$3.50
Designed by a hunter—for a hunter. Add 25c for pstge.
GOERG ENTERPRISES, Alfred J. Goerg, Mgr.
609 South Vine St. Port Angeles, Wash.

GRIP COMPASS

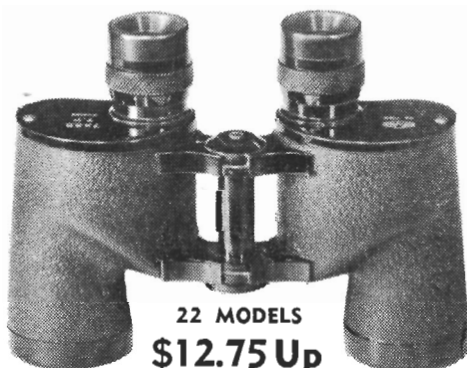


WHY RISK YOUR LIFE

BE SAFE WITH OUR GRIP COMPASS! It's easy to install, replaces your grip cap, large enough for all guns, can't be lost, becomes part of your gun; no holes to drill, will not rain soak. Finest compass, jeweled bearing, luminous, waterproof, shock resistant with unbreakable cap. At your dealer's or postpaid, \$2.95. Patent pending.

FRA—MAR COMPANY

3 James Ave., Wilmington, Massachusetts



22 MODELS
\$12.75 Up
PRENTISS IMPORTERS

30 DAY FREE TRIAL High Power BINOCULARS

Full Coated, Precision Ground Optics and Featherweight.

Full year's guarantee against factory defects, prices that will amaze.

Free! Catalog and folder "Selecting Binoculars"

Dealers Write

209-10 MERCURY BLDG.
WEST LOS ANGELES 25, CALIF.

❁ Christmas Suggestions from Wisler's ❁

Swivel-Seat Shell Box

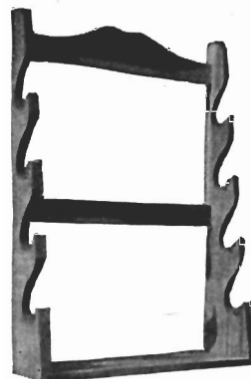
Combination shell carrying case and sponge rubber seat. Seat adjusts to any height, and is held firm by automatic catch bolt. Seat pivots for swing shots. Heavy leather handle. 13" x 6" x 10". Holds 6 to 8 boxes of shells. Finished in non-reflecting olive green baked enamel. **\$9.95**



Wall Gun Rack

Made of natural Red Swamp Cedar. Ideal for den or gun room. Shipped knocked down with assembly screws.

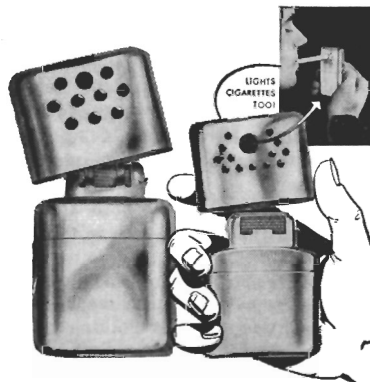
2 Guns	\$ 8.00
3 Guns	10.00
4 Guns	12.00
5 Guns	14.00
6 Guns	16.00



Jon-e Hand Warmers

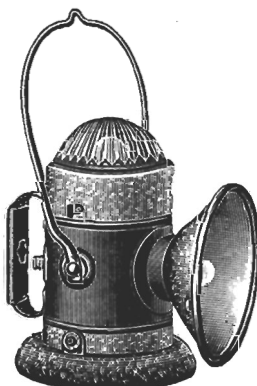
Gives comforting heat without flame. Cannot set fire to clothing or bedding. New cover designed for lighting cigarettes in any wind.

Standard size	\$2.95
(24 hr. on one filling)	
Giant size	4.95
(48 hr. on one filling)	
Jon-e Fluid, 8 oz. can ..	.45
Jon-e Fluid, 16 oz. can ..	.75

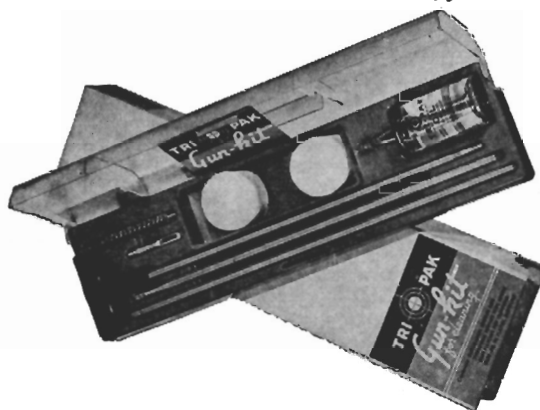


Safety Lantern

Flashing red-top beam for safety. Powerful searchlight beam for light with pivot base for easy angle adjustment. Independent switch controls. Finished in red enamel with grey trim. **\$6.75**



Tri-Pak Gun Cleaning Kits



A complete kit for cleaning Rifle or Shotgun. Kit contains: 1 bottle Sperm Oil, 1 Phosphor Bronze Brush, 1 Tri-Pak Cleaning Rod, Quantity of Patches. Packaged in permanent plastic kit box.

.22 or .30 Cal. Rifle Kit.....	\$2.75
12, 16, or 20 Ga. Shotgun Kit.....	3.25
410 Ga. Shotgun Kit.....	3.00

10X ALL WEATHER HUNTING COATS

Here's the amazing all-purpose jacket with Jen-Cel-Lite air-cell insulation that gives you controlled comfort from 15° below zero to 60° above. Famous Skinner's Tackle Twill outer covering keeps you dry in rain or snow. Keeps out the wind. Outside handwarmers, knitted wristlets. Quilted butt pads on both shoulders. Roomy bellows pockets and large breast pockets. 2-way Talon zipper, opens top and bottom. Inside drawstring at the waist. Concealed snap studs for detachable storm hood and detachable Game Bag-Dry Seat (both extra). Price.....**\$33.00**



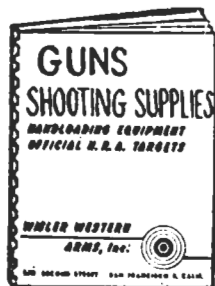
Lohman Duck Call #103

Tuned to exacting standards. 4 inches long. The world's most popular call. Price.....**\$2.00**



Wisler's Catalog

750 illustrations of modern equipment for Hunter, Shooter, and Handloader. Big, 128 page book. All items on this page come from the New Wisler Catalogue. Send \$1.50 TODAY. Prepaid.



WISLER WESTERN ARMS

205A Second Street • San Francisco 5, California

NOW AGAIN AVAILABLE

See your Dealer



or order Direct

7MM 140-gr. \$4.50 per box of 50
7MM 160-gr. \$5.00 per box of 50
7MM 175-gr. \$5.00 per box of 50

ALSO

.270 Cal. 130-gr. \$4.50 per box 50
.270 Cal. 150-gr. \$5.00 per box 50
.30 Cal. 150-gr. \$4.50 per box 50
.30 Cal. 180-gr. \$5.00 per box 50
.30 Cal. 200-gr. \$5.00 per box 50

BE PREPARED FOR YOUR HUNT — HUNT WITH THE BEST.

"DOUBLE-ACTION" Nosler Partition Bullets.

Nosler Partition Bullet Co.

382 Wightman Street

Ashland, Oregon



H. TOM COLLORD advises . . .

ALL GUN OWNERS

Buy a new gun . . . if you must . . . or take your old gun to a **BLU-BLAK Service Center** and get it back more **BEAUTIFUL** than any new gun. **BLU-BLAK** is backed for **BEAUTY** and **LONG-LONG** service.

IF THERE'S NO **BLU BLAK** Service in your community . . . write to me and I'll send you the name and address of a shop that can refinish your gun under my personal guarantee of a **FULL DOLLAR** value.

IS YOUR RIFLE ON-THE-TARGET

If not, you should do a re-bedding job in 30 minutes, using **PERFEK-BET** precision barrel-bedder, now so popular with shooters from coast to coast. In Walnut, or dark Ivory for light woods. (Red stain on Walnut gives a mahogany color.) **PERFEK-BET** comes in metal tubes ready to use. Each tube will re-bed up to three barrels . . . for **ONLY \$1.25** post-paid . . . or **ASK YOUR LOCAL GUN SHOP** OR **SPORTS STORE**.

GUNSMITHS:

You can keep or take the leadership in gun refinishing . . . by installing the **BLU-BLAK-SUPERBA** Service. Send **TODAY** for "WHAT OTHERS SAY" reports from gunsmiths and their customers on the outstanding merits of these wonderful finishes for metal and stocks. Exclusive franchises issued to qualified shops in communities under 25,000 pop. **WRITE TODAY . . . AND BE SURE.**

LYNX-LINE GUN PRODUCTS DIV.
Protective Coatings, Inc.
Box 3985-G11 Detroit 27, Mich.



WINCHESTER OWNERS!!!

Get the "Q-WHIZ" Deloader . . . The best thing that has happened since the Model '94 was invented! Unload the magazine of your '94 Model **SAFE, FAST** and **SURE**. No more pumping the loaded cartridges thru the action, and picking them out of the dirt. Pat. pending. Any caliber for \$2.50 Postpaid. Check or M.O.

V. A. JORGENSEN

1440 Woodbine Wisconsin Rapids, Wis.



MAKE MORE \$\$
Find real Happiness and Success - Thru successful Job Planning Techniques

Only \$1.00 Ppd. YOUR MONEY BACK IF NOT DELIGHTED

B & E GUIDANCE SERVICE
Box - 398 Portales, New Mex.

Hand-made in Liege, Belgium

RUDY ETCHEN . . . king of U. S. trapshooters, says . . .

"DEAD DUCKS AT 100 YARDS"

Get those high-flying, 7 to 11 pound Canadian hankers with the **NEUMANN 10-gauge Magnum**—finest shotgun of its type made in the world today! Specially designed for long-range pass shooting, this great goose gun will give you clean kills at twice the effective range of other guns! Immediate delivery on 4 models.

The **NEUMANN 10-Gauge Double-Barrel MAGNUM**



32" FULL & FULL CHOKE.
3 1/4" CHAMBER. AUTOMATIC OR NON-EJECTORS. ANSON DEELY ACTION. FOUR WAY CLOSING DEVICE. 11 LBS.

Ask your dealer for free copy of Etchen report, or write to **SILVER & CO., Dept. G-11, 815 Mission St., San Francisco 3, Calif.** sole importers for U.S. and Canada.

See the **NEUMANN 10-Gauge Magnum** at these leading dealers:

Baltimore . . . SPORTSMEN'S DEN	Hollywood . . . HOLLYWOOD GUN SHOP	Pendleton . . . C. C. ANDERSON
Beverly Hills . . . KERR'S	Houston . . . OSHMAN OUTDOOR STORE	Pittsburgh . . . ARMY SPTG. GOODS
Chicago . . . MARSHALL FIELD & CO.	Idaho Falls . . . C. C. ANDERSON	Portland . . . MEIER & FRANK
Dallas . . . WITHERS & CO.	Kansas City . . . GATEWAY SPT. GDS.	Salt Lake City . . . ZOMI
Denver . . . M. H. CANJAR	Los Angeles . . . WEATHERBY'S	San Antonio . . . TOEPPERWEIN'S
Detroit . . . GRISWOLD SPORT. GOODS	Medford . . . HAAS BROS. SPTG. GDS.	San Francisco . . . ROOS BROS.
Eureka . . . ROSS BRADON	Minneapolis . . . CORRIE'S	SAN FRANCISCO GUN EXCHANGE
Grand Rapids . . . BOB'S GUN SHOP	New York . . . ABERCROMBIE & FITCH	Seattle . . . FREDERICK & NELSON
Great Falls . . . GR. FALLS SPTG. GDS.	Omaha . . . OSOFF'S	WASHINGTON . . . WASHINGTON HDWE.
Harrisburg . . . MERCY HOFFMAN		

CROSSFIRE

(Continued from page 4)

the Tokarev may have been too much for the Russian war machine. The bolt-action M-91 Mossin-Nagant may have been easier to make. The Tokarev was somewhat heavier than it had to be, and the large box magazine was unhandy in prone fire and in cover. The Russian rank and file are not highly intelligent, and the auto may have been too much for them to grasp. However, the Russians didn't pass them off on the Chinese in Korea, as is usually the case with old Russian stuff, but kept them and are now using them in the cadet schools, where future leaders are being trained, and are being familiarized with the weapon.

The Tokarev is blithely condemned in the article, with the apparent aim of making the reader associate this blanket condemnation with the FN rifle. Criticizing the Tokarev muzzle-brake is rather silly in this respect, as the FN doesn't have a muzzle-brake, and trying to tar both guns with the same brush won't work here.

One surprising feature of both the T-44 and the T-48 is the large magazine they use. Although this is desirable in full auto fire, this might not be so good in some situations.

The Tokarev gas plug adjustment is condemned as impractical, but nothing is said of the FN plug, which I understand is much better.

In reliability tests the FN seems to have fallen down somewhat, but tests in the British isles have, I believe, shown that the FN is a reliable machine, and functions just as well as comparable weapons.

Unimpressive service records of the FN in Egypt are cited. The probable cause of this is the famed ammunition scandals, which was one of the reasons for King Farouk's fall. Bad ammo was bought by the government at a reduced price, and the money saved went into Farouk's pocket. No automatic weapon will work with defective ammunition, an obvious deduction.

The FN takedown is acknowledged to be simple, but the multiplicity of parts is looked down upon by author Thompson. The answer to this is that any malfunctions which may occur in combat can be fixed without disassembly of the entire gun. Mr. Thompson criticizes the FN sights, the peep type. Answer, use the much better English optical sights. Mr. Thompson says the FN is older than the Garand, which is correct. Nevertheless, that doesn't mean it isn't just as good as the Garand, if not better than it.

Desmond O'Neill
Santa Cruz, Calif.

What's Wrong With Gun Laws

Since GUNS came out I have thoroughly enjoyed each issue, especially the military and police articles.

That is why I felt I should write about the July "Special Police Issue," particularly mentioning the article "What's Wrong With Gun Laws."

The mere fact that the police officer chose not to sign his name to the article shows what blundering idiots some of his superiors must be. Some of these lily-livered cops who abhor violence and killing ought to quit the force. The cop who lets a punk pull a gun on him and get off the first shot

is really a sucker. A few cops who can shoot straight and aren't afraid to use their guns would do a lot more good than some of these crackpot gun laws.

Ray Ledford
St. Louis, Missouri

St. Valentine's Guns

The article on forensic ballistics in the August issue by William C. L. Thompson was well presented and most interesting.

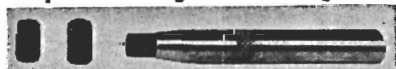
However, I am sure that the statement to the effect that the St. Valentine's guns were never recovered is erroneous. Two model 1921 Thompson guns were recovered in 1930 at St. Joseph, Michigan, from the home of the late Fred Burke, a member of the old Egan Rats gang.

Tests conducted by the late Colonel Goddard showed that these weapons had been used in the massacre. One was also identified as the arm used to kill gangster Frank Yale in New York City in 1928.

Burke was not returned to Chicago, however, but was imprisoned for life—convicted of the murder of a St. Joseph, Michigan, police officer. He died in prison about 1947, ending the career of one of the nation's most vicious killers-for-hire.

G. Arnold Whitehead
Portland, Oregon

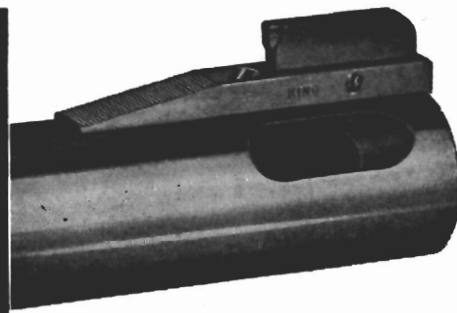
Simplified Engine Turning Tool



Decorate your favorite gun, only a drill press needed. Engine turning tool complete with 9 tips & instructions \$1.00 Ppd. Extra tips 4 for 25c Ppd.

R. E. Hutchinson BUTTON MASSACHUSETTS

**ANOTHER
KING
FIRST!**



REPLACEMENT RAMPS for LENGTHWISE DOVETAILED BARRELS

on High Standard's new Supermatic Olympic, Field King
and the new Sentinel revolver

- May be self-installed
- Interchangeable sight blades available in: Plain, Red, White or Gold posts; Baughman (quick-draw); Undercut—in 1/10" or 1/8" widths.
- Ingenious engineering design completely hides set screw for anchoring ramp to barrel.
- Enables use of famous KING reflector which throws light onto face of sight—excellent for shooting under poor lighting conditions.

\$7.00 for ramp and one sight blade of your choice. (\$2.00 each additional blade)

Californians
Add
3% Sales Tax

RICKY GUNSIGHT CO.

1017 California Drive, Burlingame, Calif.

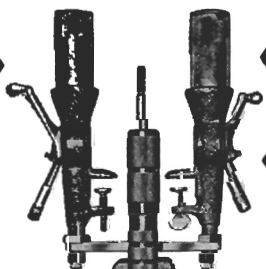
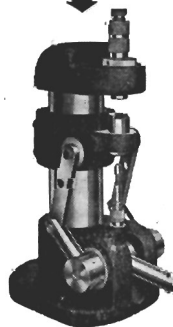
Manufacturers of King Gun Sights

Dealers and
Jobbers
Inquiries Invited

HOLLYWOOD RELOADING EQUIPMENT

HOLLYWOOD "MICROMETER" SHOT MEASURE. Required for fast accurate shotshell reloading — \$24.50

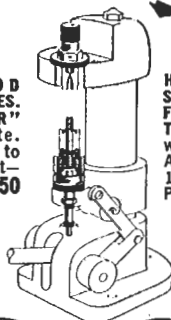
HOLLYWOOD "SENIOR" RELOADING TOOL. Reloads rifle, pistol, shotshells and swages bullets, stripped — \$49.00



HOLLYWOOD "MICROMETER" POWDER MEASURE. Accurate and versatile — \$24.50

HOLLYWOOD "SENIOR" RELOADING TOOL SET-UP. Complete for shotshell reloading, with powder and shot measures — \$148.00

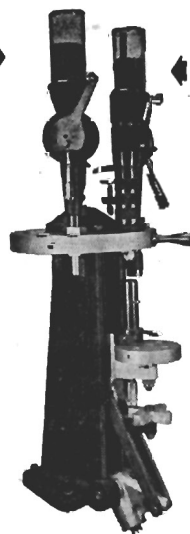
HOLLYWOOD SHOTSHELL DIES FOR "SENIOR" TOOL complete. Any gauge 410 to 10 gauge. Per set — \$46.50



HOLLYWOOD "TURRET" RELOADING TOOL. Complete with Hollywood shotshell dies, powder and shot measure — \$193.50

HOLLYWOOD "SENIOR" RELOADING TOOL. Shown set-up for swaging bullets.

HOLLYWOOD SHOTSHELL DIES FOR "TURRET" TOOL. Complete with speed dies. All gauges 410 to 10 gauge. Per set — \$56.50



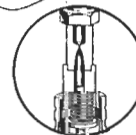
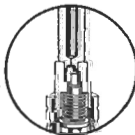
HOLLYWOOD "TURRET" RELOADING TOOLS. Shown at left side set-up for shotshell reloading. Below set-up for rifle or pistol reloading. A fast versatile production tool.

HOLLYWOOD "TURRET" RELOADING TOOL. Stripped — \$88.00



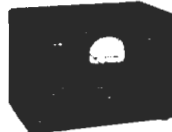
HOLLYWOOD RELOADING DIES. Made for all caliber of rifle, pistol and revolver shells. A set — \$12.50

HOLLYWOOD PISTOL AND REVOLVER SWAGING DIES. For 38 spec., 44 spec., and 45. Other calibers later. Per set — \$36.00



HOLLYWOOD METAL BULLET SWAGING DIES. From 22 to 375 caliber. Per set — \$39.50

HOLLYWOOD CHRONOGRAPH. A precision instrument. Complete less battery. Net — \$97.50



RIFLE, PISTOL AND SHOTSHELL COMPONENTS CARRIED IN STOCK
FREE LITERATURE — DISCOUNTS TO DEALERS — ABOVE PRICES PREPAID

HOLLYWOOD GUN SHOP

6116 HOLLYWOOD BLVD.
HOLLYWOOD 28, CALIF.

GAME or TARGET

*The Season's
Here!!!*

DO YOU NEED?

- ✓ A new gun
- ✓ A new barrel
- ✓ A blueing job
- ✓ A new stock
- ✓ New sights
- ✓ Other gunsmith Services

**"GUNS AND SERVICES FOR
THE DISCRIMINATIVE"**

SEND FOR PRICE LIST GA

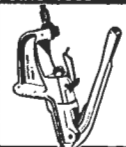
**JOHNSON AUTOMATICS
ASSOCIATES
INCORPORATED
HOPE VALLEY, RHODE ISLAND**

**NOW FOR THE FIRST TIME
YOU CAN PAY FOR
AMMUNITION RELOADING
TOOLS WITH SAVINGS ON
A SEASON'S SHELLS**

**HERTER'S WITH THEIR
FAIR HONEST PRICES HAVE
MADE IT POSSIBLE FOR
EVERY SHOOTER TO RELOAD**

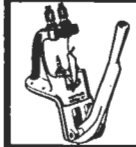
HERTER'S MODEL 3 SUPER RELOADING TOOL

Unconditionally guaranteed in all respects equal or better than any reloading tool of this general design made in the world. This is a guaranteed \$50 value. Order one out and try it. If it is not the best of its type return for a full refund. Will load rifle, pistol, and shotgun shells. Price without dies \$15.75. Price with dies \$23.85. Shipping weight 35 lbs.



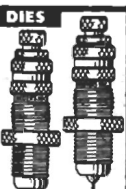
HERTER'S MODEL 81 SUPER RELOADING TOOL

Unconditionally guaranteed better than any reloading tool made in the world regardless of price. This is a guaranteed \$75.00 value. Order one out and try it. If it is not the finest reloading tool you have ever seen return it for a full refund. Will load rifle, pistol, and shotgun shells. Price without dies \$24.87. Shipping weight 36 pounds.



HERTER'S RIFLE AND PISTOL DIES

Standard 7/8" x 14 T.P.I. dies will fit most tools. Unconditionally guaranteed the finest loading dies made in the world. Order out a set, if not the best you have ever used, return for a full refund. Herter's dies are guaranteed a regular \$12.50 value or more. The only dies in North America made with the precision European 3 reamer system. Hard chrome plated. Price per set \$8.10. Shipping wt. 2 lbs.

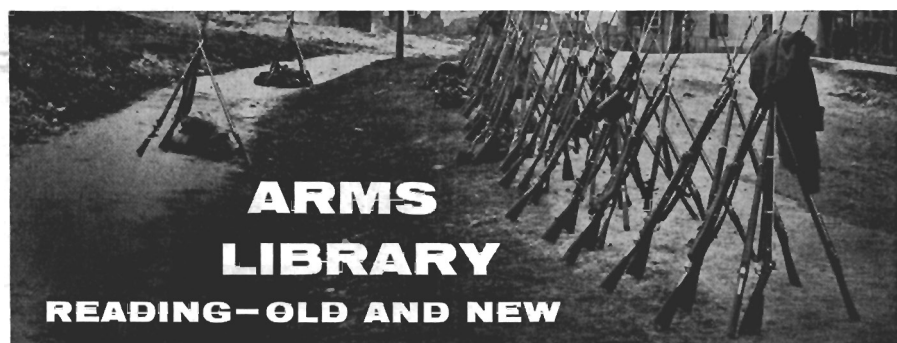


Write today for our huge free catalog of gunlocks, gun cases, gun slings, gun blueing tanks and chemicals, and hundreds of other items.

Address Dept., JAS

HERTER'S

SINCE 1893
Waseca, Minn.



ARMS LIBRARY READING—OLD AND NEW

MY WAY OF BECOMING A HUNTER, by Robert Rockwell (Norton \$3.75)

Taught in the shadow of the great Carl Akeley, Robert Rockwell's adventures and achievements in the field of museum taxonomy and specimen collections have earned for him a distinction all his own. His is an extraordinarily fascinating autobiographical account of his work at the American Museum of Natural History.

JOAQUIN MURIETA by Yellow Bird (University of Oklahoma Press \$3)

The University of Oklahoma has been making a significant contribution to our modern appreciation of the fact and legend of America's past by reprinting important books from the last century. Introduced by Joseph H. Jackson, this one is a new edition of the famous book published in California in 1854 by John Rollin Ridge under the pseudonym of "Yellow Bird." It is Ridge's preposterous fiction which is credited with immortalizing this otherwise unimportant California gold-field bandit.

THE HIGHWAYMAN by Frank Gruber (Rinehart \$2.75)

If the gun fan can stomach Frank Gruber's opening pages, in which he has one man with his "Frontier Model" shoot another man's derring out of his hand, then the rest of the book will stand with the others of Gruber's fast action, cleverly contrived westerns. This one is about a take-off on Billy the Kid, but Gruber's hero is "Sam Bonner," not Billy Bonney. It is the story of a young kid, harassed by the terrors of Shiloh, gone bad, and the difficulties he encounters in trying to go straight. One of the difficulties is lovely Vivian Thompson, a passenger on the stage Bonner holds up.

BLACK POWDER EMPIRE by Rutherford G. Montgomery (Little Brown \$2.75)

A standard plot about Barney Price whose pretty wife Mora finds her husband's half-brother more attractive. More action and fighting is afforded by Barney's search for the rustlers who killed his father.

WESTERN AMERICA by Leroy Hafen and C. C. Rister (Prentice-Hall \$8.70).

Now in its second edition, this comprehensive textbook of 700 pages reads more like a piece of western fiction, than a sober account of the march of manifest destiny to the Pacific. Sub-titled "The Exploration, Settlement and Development of the Region beyond the Mississippi," this work covers that part of American history most important to the gun collector—the days of the West, from

Cortez to Crazy Horse. Set against the fabric painted by Hafen and Rister are the Indians, badmen, western characters of all kinds, whose needs supported the eastern gunmakers and created the lore and legend of the American West. Far more detailed than an ordinary history book, with maps, references, bibliographies and frequent important quotations, "Western America" will give any arms collector a renewed insight into the people and the times which used and created the guns in his collection.

PORI TUPU by Oskar Koenig, (McGraw-Hill \$3.75)

Modern Africa to the "average American" is a place peopled by tall Watussi, Gregory Peck, and a fifth of Drambui, all together in the sunset. Koenig's book draws a real picture, far more fascinating in its reality than any strivings of Hollywood's scenarists, for, as Koenig says, "This is the book of my memories, the balance-sheet of my 25 years of big game hunting." The title is the clue—"pori tupu" means "sheer bush"—dense, impenetrable, unknown even today. The terrors of the Dark Continent have abated since the days when pygmies supposedly warred with the cranes, but much of Africa is still dark—still unexplored and unknown. Light touches are added by Koenig's introducing the reader to other African hunters of his acquaintance.

THE MESTIZO by Bill Parks (Macmillan \$2.75)

This is Bill Parks' first novel. Even for a "second or third," it is very good—fast paced but not forced, and the dialogue is clever. The characters are real individuals. The writing is not dragged down by the plot, either. "The Mestizo" deals with a would-be peaceful rancher in the southwest whose life becomes complicated by a beautiful and flirtatious visitor, a band of smugglers running guns into Mexico—and a Yaqui mestizo, who liked to gamble, sometimes with money, sometimes with lives.

THE BRIGHT SWORD by Eleanor Perenyis (Rinehart \$3.50)

The story of General Sam Hood (the Texas Brigade of Longstreet's Corps), "The Bright Sword" is an historical novel of unusual power and beauty. The writing is interesting and the basic plot is already drawn—that most famous of all novel frameworks, the American Civil War. Individual elements in the recreation of this southern drama have detail and a quality of realistic imagery seldom found, such as the picture of carefree, gay Richmond, with the Yankee guns ear-shot away. One of the better recent novels.

FAMOUS WALTHER AUTOMATICS

World's Safest! World's Finest!
5 Safety Features!

The superior qualities of the WALTHER automatic pistol are well known the world over. This fine gun embodies all the advantages of the automatic pistol and revolver, with special emphasis on safety and readiness of fire. This gun is perfectly balanced and weighted, giving a quick and accurate shot with complete safety to the user. **SAFEST** automatic; **INSIDE AUTOMATIC** **ELEVATOR SAFETY** blocks hammer and only releases at the very last moment of the trigger pull. Double Action—optional on first shot—safe and ready as a revolver. Walther .32 and .380 pistols are also equipped with a 'signal pin', which protrudes from back of slide, to signal—even in the dark—when a cartridge is in the chamber. Thus, you can even feel when gun is loaded!

Ideal All-Purpose Pistol: WALTHER PISTOLS are not only the safest. They are also light-weight, accurate and dependable for defense, for plinking and for training on the target range. Moreover, you have a wide selection, as follows:

THE P. P. means Polizei Pistole, originally designed for police use. Used by many Law Enforcement Officers, Special Guards, Hunters, Campers, Home Protection as a Side Arm, either concealed or exposed.

NEW WALTHER P. P.

NEW PREWAR quality. Superbly balanced. Precision manufactured. **ABSOLUTE SAFETY.** No accidental firing. Ready as a revolver with **DOUBLE ACTION.** **OUTSIDE SAFETY** and **INSIDE AUTOMATIC SAFETY.** **SIGNAL PIN, EXPOSED HAMMER.** Extension finger magazine for increased accuracy. Home protection, sidearms for law enforcement, camping, hunting. **SAFE!** Add \$10 for nickel plate models. P.P. .32 or .380 cal. blue.....\$57.50 P.P. .22 LR blue.....\$62.50

NEW P.P.K.

means Polizei Pistole Kriminal, indicating that the P.P.K. is generally used by Law Enforcement Officers when not in uniform who need a smaller version of the P.P. which can be readily concealed. Same features as P.P.
P.P.K. .32 or .380 blue.....\$60
P.P.K. .32 Featherweight—blue Dural Frame (17 oz.).....\$70
P.P.K. .22LR blue.....\$64
P.P.K. .22LR Featherweight—blue Dural Frame (16 oz.).....\$74

NEW SPORTER

Unexcelled accuracy. Choice of 6" or 8" barrel. Adjustable target sights. Matted receiver. Same absolute safeties as with all Walthers. Extended pistol grip with thumb rest. Ready—Reliable—Safe! Ideal for target, game & plinking. \$74.75

ALL THIS INCLUDED WITH EACH GUN:

- Fire-Tested Target
- Attractive Multi-colored Box
- Ten-Page Catalogue

1. Illustrated parts list
2. Specifications
3. Illustrated pistol diagram
4. Take down
5. Care of gun
6. Safety features illustrated
7. Instructions on use

USES AMERICAN AMMUNITION

INSTRUCTIONS

FOR ORDERING YOUR WALTHER

Specify Model and Caliber and attach m.o. or check—sorry, no COD's. Enclose purchase permit if your state requires. Also sign and return the following Federal Firearms Act "Affidavit": "I am not an alien, have never been convicted of a crime of violence, am not now under indictment or a fugitive, and I am over 21 years old." (Signature)

Send 25¢ for illustrated booklet on WALTHER PISTOLS and for complete list of Phoenix Weapons.

HUNTERS ATTENTION

Marine RESCUE KIT a MUST for every boat owner

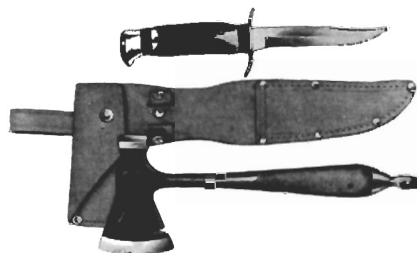


Kit contains: Precision blank flare pistol... 100 blank cartridges (.22 cal. crimped) in metal tin... 10 signal flares... zippered water resistant vinyl bag... cleaning brush... complete set of instructions. **COMPACT**—pistol 3" x 3 1/4"; **LIGHTWEIGHT**—pistol weighs 9 1/4 oz., 100 blanks 2 oz., flares 1/2 oz. **EASY TO OPERATE**—Flares are simply inserted in barrel and ignited by explosion of blanks. They are projected from 75 to 100 ft. in the air, exploding and giving off a bright radiant glow. Can always be "safely loaded", yet ready for flare insertion.

SENDS EMERGENCY SIGNALS

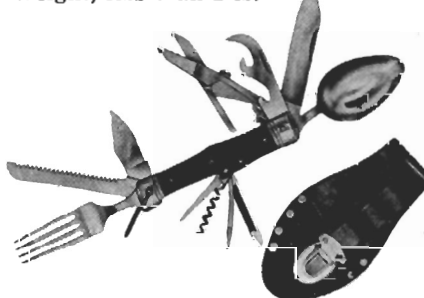
Needed by campers... hikers... hunters... night duty workers... households. Scores of uses... as starter pistols, of course. To campers, hikers, hunters, fishermen, boat enthusiasts, night workers—even housewives—as distress-alarm and distress flare pistols. To animal trainers, theatrical, radio and television people for their authentic appearance and loud report.

COMBINATION HUNTING KNIFE AXE - UTILITY TOOL



Hammer, axe, nail puller and screw driver. Steel with wood handles, 10" long. Made of Solingen Steel. Perfect for camping. Genuine Stag Hunting Knife with Brass Guard, 4" blade. 6 handsome colored bindings for carefully selected stag handle. Genuine leather axe-knife belt scabbard. Weight, less than 1 lb.

\$695 each



THE THALSON "VARI-USE" KNIFE AND TOOL KIT

This amazing Knife and Tool Kit features: Long blade knife... spoon... fork... scissors... can and bottle opener... pen knife... corkscrew... file... screwdriver... saw... fish scaler... leather awl-needle... leather punch. Made of high grade carbonized steel with "razor sharp" blades. Bone stag handle—Cowhide Belt Holster. Lightweight (9 oz.). Compact (4 1/2"). Perfect for Rangers, Scouts, Campers, Hunters, Fishermen, Men, Boatmen, Ranchers, etc.

\$695 each

NOTE: Watch our ads in the monthly issues of Guns Magazine.

R. F. Model

\$14.95 EACH

THALCO "PLINKER"

.22 cal. Revolver \$15.75



The ideal side-arm while hunting, camping, hiking, boating, fishing, etc. An inexpensive revolver for plinking, informal shooting matches and field game. Economical to use. **SHOOTS .22 LONG and .22 SHORT.** Compact: 6" over-all length, 3 1/4" high. Lightweight: 11 oz. Barrel Length: 2 1/2".

AMMUNITION

Blank Cartridges (crimped) German-Extra Loud (100 to a tin).....tin \$1.25
Flares (fit HE and RF only) (10 to a box).....box 1.00
22 Short, per 50......46
22 Short, Hollow Point, per 50......54
22 Short, ROCKET, per 28......28
22 Long, per 50......64
22 Long Rifle, per 50......70
32 (7.65 m/m) Auto. Pistol, per box 50... 3.70
380 Auto. Pistol, per box 50..... 3.80

CALIBER 8mm MAUSER: Packed in original German 15-round cartons and made in Germany's finest factories—some bear labels such as RWS & DWM... Boat tail bullets, true .323 diameter. Components alone worth twice our special price—only \$6 Min. order 100 rds. per 100.

WALTHER PISTOLS

This book is a must for owners of Walther Pistols. The P.P., P.P.K., famed P-38, etc. are fully covered. Detailed functioning, stripping and operation, with full ammunition and safety dope and a short history of the Walther works makes this the standard reference on Walthers. \$3

Accessories for WALTHER PISTOLS

Holsters, pouch included for extra clip, each.....\$4.95
Holster Belts, each..... 3.95
Extra Clips for PP and PPK, standard, for .32 and .380..... 6.00
for .22 L.R..... 7.50
Clips for PP and PPK, with finger extension, for .32 and .380. 7.50
for .22 L.R..... 8.70

RF plain holster for R.F. for Thalco Plinker and Signal pistol. \$15.00 each



PHOENIX INTERNATIONAL CO.

P. O. BOX 115
COLLEGE PARK, MD.

(Continued from page 23)

And usually, too, you're dreaming when the big buck leaps out of the brush 20 yards up the trail and waves his fast-disappearing flag at you. I know I was one time when I went after Canada's deer in the open brushy country east of the south end of Lake of the Woods. I didn't have a '94 with me, and I'll never forget that trip as a consequence.

I was lugging just a little over 10 pounds of scoped high power medicine, for in this country you get some long, open shots. We came to a fresh deer trail crossing a road and it led into a tamarack "island."

Les Atkins, an aficionado of the M94 from Rainy River, Ontario, was with me. He started around one end of the tamarack, and I around the other. My hike was shorter, so when I got to the edge of the trees I waited just off a well-trodden deer trail. I must have dreamed a little about the record rack I'd take home with me, for the first thing I knew Les let out a yell and the next thing I knew I was eyeball-to-eyeball of a 130-pound buck coming straight at me hell bent for leather on the trail.

When he saw me, he jammed on all four brakes, power actioned. By the time I could elevate that ten-pound-plus sleeping pill up to my shoulder and take a bearing through the scope, the buck had swapped ends and bounded off into a low patch of willow along a drain ditch. Before I could squeeze off a shot he was down in the ditch and gone.

When Les came up a moment later, he had a ready answer for the lost deer: "If you'd had this thirty-three of mine, we'd be dressing out a deer right now." That was true enough: I just couldn't get that scope sighted piece of iron up fast enough to snap-shoot the deer, and I learned the hard way what a couple million hunters knew, those who own Model 94's.

Originally the gun sold for \$18, and it looked like a darned good buy to rifle users all over the world. It still costs about the same in terms of gold: when the rifle listed for \$18, an ounce of gold was worth about \$20. Now, with the little carbine checking out at an even \$69, an ounce of gold in the free world market (not U.S. government controlled) brings about \$75.

Farmers bought it for the odd shot at chicken-stealing coyotes or bobcats, because it was a simple action to handle for a man who fired it once or twice a year. Townsfolk bought it for the occasional deer hunt. Trappers and professional hunters who fired thousands of shots a year bought it, too, buying it for its ruggedness and slim scabbard packing on a saddle. It became a favorite all over the west, supplanting the tired, worn-out Model 73's of the previous generation. It was a favorite for all sorts of shooting, four-legged game and two. Easier to shoot accurately than a six-gun, it accounted for a good many two-legged bad actors, "killed while escaping arrest," and in other ways. Mexicans, Indians, Eskimos found that the Model 94 would stand up to abuse and neglect and keep shooting after most other guns had given up. In 19 years Winchester sold a record 700,000 carbines and Long Johns, and it became the most widely-distributed rifle—in North America.

Then came World War I, and top sergeants hammered the superior virtues of the bolt

ON TARGET with the scope of champions

FECKER "CHAMPION" 1 5/8" TARGET SCOPE

- Length 26", weight 23 ounces
- Eye relief approximately 2 3/4"
- Fecker 1/4 minute Micrometer Click Mounts
- Available in 10x, 12x, 16x, 20x, 24x, 30x

WRITE FOR COMPLETE
CATALOG

J. W. FECKER, INC.

2016 Perrysville Avenue, Pittsburgh 14, Pa.

The 1 5/8" scope provides 17% more illumination than a 1 1/2" scope making it ideal combination rifle and spotting scope. Sights are rigidly constructed to withstand severest recoil without changing adjustment. Lenses and moving parts are sealed in making Fecker scopes dust and moisture proof.

Complete with mounts, bases. . . \$98.50
Recoil Spring \$3.00 Extra

HIGHER POWER EYE-PIECE

Interchangeable on all FECKER scopes.
Increases magnification approximately 35%. Price.....\$9.50

fecker
scopes

HUNTING-LOG

Here's that unique gift!



ALSO
Wildfowl Log—
17 Ducks and Geese
Fresh Water Fishing Log—
Trout, Salmon, Bass, etc.
Salt Water Fishing Log—
Striped Bass to Sailfish

A handsome book in which to keep a record of your bag whether it is deer, rabbit, grouse, pheasant, quail or duck (17 in all). Space provided for all the pertinent data of the day's hunt—data that will refresh your memory next year—as well as room for ample comments and photographs. 8 x 6 handsomely finished in maroon imitation leather—a book to be proud of. \$3.00 including postage. No C.O.D.'s please.

Dept. 40 **SPORT LOGS** Mt. Kisco, N. Y.
Money Back If Not Satisfied



FOR HIS DESK, DEN
OR OUTDOORS
MERCURY'S ORIGINAL
HAND-CARVED
"JAGDMESSER"
Imported German Hunting Knife
Genuine Carved Staghorn Grips!
Made of Fine World-Famous
SOLINGEN STEEL
Shipped Postpaid •
Satisfaction Guaranteed

Graceful Animals, Beautifully
Wrought in Deep Relief! Sizes
Given are BLADE Lengths.
Leather Sheath Incl. 4" Deer
\$4.50; 4 1/2" Deer or Bear \$5.00;
6" Deer \$5.50; 8" Stallion
\$10.50.

ORDER TODAY
FOR
RUSH DELIVERY

Sold Nationally by
Mercury Importers Longview Washington



- Altered by Forging, for low scope \$7.50
- Polished & Jewelled Precision Indexed 6.50
- Special—Both for 12.50
- Custom Rifle Stocking and Rebarrelling

KESS ARMS COMPANY

3283 N. Green Bay Ave. Milwaukee 12, Wis.

"GRIP MOLD" YOUR GRIP

AMAZING material molds like moulding clay. Remains pliable indefinitely until heated. No need to hurry. Shape it until you get the GRIP YOU WANT. Bake at low oven temperature for 30 minutes and "GRIP-MOLD" becomes firm and almost indestructible. Kit for 2 guns (in Black only) \$5.00 Postpaid
Write for Folder. Dealer's Inquiries Incited.

ROHOR CHEMICAL CO. P.O. Box 1046
Richmond, California



ONLY \$198.50

ARANO 10-GA. DOUBLE-BARREL MAGNUM

Now everyone can afford to own a top quality handmade double-barrel 3 1/2" Magnum at this amazingly low price. Hand-engraved action. Beavertail forend, stock and forend beautifully checkered and finished of select walnut. 32" Full & Full choke barrels. Weight 10 1/2 lbs. also available in 12-ga. Magnum, only \$150.00. Both models also supplied with auto-ejectors and ventilated rib at extra charge. Write for Free Folder. Dealers Inquiries Invited.

WILSHIRE GUN HOUSE

12203 WILSHIRE BOULEVARD
LOS ANGELES 25, CALIFORNIA



"Here are a few of the many SENSATIONAL offerings we have gathered for you from all over the world. If you really want to see the tremendous selections we have, get one of our HUGE photo catalogs described below. And remember, all merchandise carry my personal Brass Bound-Iron Clad GUARANTEE of satisfaction or your money refunded pronto."



Great Western Frontier Sixshooters "The Gun that won the West"

Exact duplication of the famous Colt gun in feel, appearance and action. Made of highest quality aircraft type steel. Hand, bolt and trigger are made of Beryllium copper. All parts highly polished blue, or case hardened color on frames. (Fitted with micro target adjustable sights, \$20 extra.) All Frames .45 caliber. The 22 cal. in 5 1/4" bbl. only. 45 Colt Sheriff's Model, in 3" or 3 1/4" bbl. only. All other calibers in bbl. lengths of 4 1/4" - 5 1/4" - 7 1/4". No ext. charge. Unconditionally guaranteed for 1 year against defects in workmanship and material.



Scotland Yard Rogue's Gallery of Guns

"I horsetrained a stable full of guns that originated from Scotland Yard. These pistols and revolvers had been lifted off of thugs and scoundrels over there for the last fifty years. Some of these guns are so old they look like they had bows and arrows traded in on them. Some of them are guns I never even heard of. They aren't in mint condition, but I can guarantee that they were kept inside all this time (not out in the yard). I bought the whole batch of them, so here's my deal for you. I'll ship you 2 of these guns to hang on your wall for only \$17.00, or 3 for \$23.00, together with a notarized personal letter from me verifying their origin. If you don't like them, you can ship 'em back and I will refund your money."



ENFIELD .410 SHOTGUNS \$38.50
Very rare and unusual. Looks exactly like an Enfield .303, but really a 410 gauge single shot. Used by British officers in India for bird shooting.

DEN SPECIAL LONG GUNS 3 for \$25.00
I just correlated 5,000 guns from all over the world, representing darn near every country you ever heard of. While they last, I'll ship you—1 for \$12.50, 2 for \$20, 3 for \$25. No two alike.

6 ft. Long African-Arab Trade Musket \$18.95
These were made up by the Hollywood Studios for use in their African Motion Pictures. An unusual item for a man's den or cabin. A real collector's item.

ENFIELD .303 CAL. RIFLE \$24.95
Bolt action rifles, in good condition. Used by the British Gov't. as their standard Military Rifle. Makes a very nice sporter, and ammo. is reasonable. Good for all big game hunting.

MAUSER RIFLES 8 MM \$37.50
8 MM Cal. in fair to good condition. An excellent hunting rifle. Used by the Germans in the 2nd World War. One of the finest of the high powered rifles.

PANCHO VILLA CARBINE \$18.50
These guns crackled with conquest in the hands of Pancho Villa and his raiders in the Mexican uprisings against Diaz. 7 MM rolling block. Fair condition. A great collector's item.

LITTLE ATOM PISTOL \$2.95
It's as small as the end of your thumb, but it 'sounds all right' like that yuck-yuck they dropped on Hiroshima. The world's "showiest" small pistol. Oddly shaped, with great grip. Complete with ratchet and a capsule of blanks. (Has to be sent Express, charges collect, as the Post Office won't accept it.)

SMITH & WESSON .38 CAL. REVOLVER \$29.95
In 5" or 6" bbl. The standard model of the military and police service. A beautiful weapon that will give years of dependable service. Excellent condition. Now offered for the first time at this low price.

FAMOUS GUN COVERED CEILING
20,000 Firearms. NEW, MODERN and ANTIQUE — World's largest selection now being sold! Coats, Remingtons, S&Ws, Winchester, all must go. Sharps, Frontiers, (Frontiers any brand you can think of.) When you come to California, visit my ramrodding gun store in Burbank in the San Fernando Valley, right near Los Angeles.

USE OUR EASY PAYMENT PLAN—Select the gun or merchandise of your choice today, and pay for it in full later! Just send 10% of total amount on any purchase, and we will immediately open an account in your name. As long as one year to pay, and no carrying charges. You may pay as much or as little as you wish each month. When your account is paid in full, we will then process and fill your order promptly.

WEBLEY CUT AWAY REVOLVER \$14.95
Brand new 45S Cal. Very rare ordnance model. A must for all military collectors.

COLT NEW SERVICE REVOLVER \$58.50
357 Mag. num. 6" bbl. The world's most powerful handgun. When this one talks there's thunder in the hills. Excellent condition.

Webley & Feabury .455 Cal. Automatic Revolver \$48.95
The only true automatic Revolver. A very rare gun. After each shot the cylinder automatically revolves and hammer comes back for next shot. A beautiful Target Revolver with a very fine action.

FRENCH LEBEL 8mm. \$14.95
Unique mechanism, with side plate opening for inspection. Built like a fine watch. Used by French against Communists in Indo-China. Good condition.

ENFIELD COMMANDO \$14.95
A rare and unusual weapon. Very good condition. perfect bore. Modern breaktop design. Fires .38 S&W.

S & W TYPE SPANISH REVOLVER \$9.95
Breaktop .44S Cal. Good condition. A powerful gun you don't see in many collections. A real buy.

COLT NO. 3 DERRINGERS \$48.95
A highly prized collector's item. Unbelievable as it may seem I stumbled on a whole cache of them. All in good condition. All Cal. some in blue finish, some nickel. At a low price.

CZECH AUTO PISTOL \$24.95
Used by Czech secret police. One of the low modern Auto Pistols with an exposed hammer. Lightning fast and you always know when Automatic is cocked, because of the exposed hammer.

NEW MIGHTY MIDGET REVOLVER \$19.95
One of the smallest revolvers in the world. Excellent for home, long trips, target practice, etc. Precision made of finest material. Fires .22 Remington Rocket or standard .22 short or long ammo. Single and double high speed action. Overall length 5 1/4" with 2" bbl. 6 shot. Wt. 11 oz. Solid frame. Built in ram-rod. Large target hammer. Crisp trigger pull. Limited supply. Pearl grips \$8.50. Leather Holster \$6.50.

New Great Western \$49.95 Double Barrel Derringer

Appearance is exactly like old Remington Derringer, but made of fine chrome Molybdenum steel. Completely re-designed action eliminating all objectionable features in the old model. Fires .38 S&W Caliber. In standard blue satin finish, with black checkered grips.

WEBLEY & SCOTT .455 Auto Pistol \$24.95
Model 1913. One of the largest and most powerful handguns in history. Very rare, only a few on hand. Used by British Navy in World War I.

MAUSER 98 ACTION \$18.95
Here's the standard long action that is used to build sporting rifles in the following calibers: 30-06 Springfield, .270 Winchester, .300 Savage, .308 Winchester, 7 MM Mauser and many other popular calibers. With this complete action, all you need is a chambered barrel in the caliber you desire, and a good stock to assemble your own custom sporter. Add 50c for each action ordered to cover postage.

SAUER 32 AUTO PISTOL \$22.50
One of the finest German Automatic Pistols made. Really a beautiful weapon and preferred by many of the Gestapo Officers.

NEW CO2 AMERICAN LUGER Repeating Pistol \$29.95
Beautiful reproduction with perfect balance of the old German Luger. Liquid gas operated, new high velocity 8-shot repeater. Fires all standard CO2 Caliber cartridges with an entirely revolutionary new principle. Automatic residue drain. Molded stag grips, genuine dark gun blue. Wt. 38 oz.

New Great Western Single Action Revolver \$75.00
Completely new single action of modern design and metallurgy, eliminating the parts breakage problem and old action features. Made in 4" Service or 6" Target barrel. In .22 and .38. (new .357 atomic caliber \$98.95) Standard satin finish.

SPANISH EIBAR .32 Cal. Auto Pistol \$17.50
Beautifully made, secret police Spanish auto. A very fine Automatic Pistol at an unusually low price.

MAUSER 95 ACTION \$13.95
This short action is used with great success in building sporting rifles such as the 300 Savage, 7 MM Mauser, .35 Remington, 308 Winchester, .275 Roberts, and a host of other Varmiter calibers. Get yourself a good stock and a chambered barrel in your favorite caliber, and you are all set. Add 50c for each action ordered to cover postage.

STEYR (HAHN) AUTO PISTOL \$14.95
9 mm. Steyr Caliber, used by officers of the Austrian and Hungarian Army in both World War I and II. A very unusual weapon very seldom seen in this country. A rare collector's item.

BIG FRONTIER SIXSHOOTER Photo Catalog—All new popular Frontiers from .22 to .45 cal. Gold and Silver presentation models, flat-top target models, special grips, holsters, ammo. Only 50c. Ppd.

20,000 GUNS—HUGE Photo Catalog
162 pages, 8 1/2"x11" for Gun Collectors. New, Used Antique Guns. \$2.50 to \$4,500 each. Thousands of photographs, individual prices, descriptions, etc. Only \$2. Ppd.

HOW TO ORDER GUNS—Send money order or check made payable to Hy Hunter. If you want something sent C.O.D., send a deposit of one-third.

ENCLOSE WITH GUN ORDER: Fill out the following statement, and sign your name, with date, age and address: "I hereby state that I am a citizen of the United States and that I have never been convicted in any court of the United States, the several states, territories, possessions, or the District of Columbia, of a crime of violence, nor am I at present under indictment or fugitive of justice."



HY HUNTER
"In the San Fernando Valley"
3029 W. BURBANK BLVD. • BURBANK 14K, CALIF.

Dealers Only

Wholesale Only

"We do not compete with our Dealers"

CHARLES DALY

SHIPS PREPAID

SHOTGUNS and RIFLES PISTOLS • SCOPES • RELOADING TOOLS FISHING TACKLE • OUTBOARD MOTORS

JUST A FEW OF MANY ITEMS ON HAND

	LIST		LIST
Rem. 740ADL 30/06	139.95	Savage 775 SC Super Choke	114.50
Rem. 740A 30/06	120.95	S & W 38 Terrier	57.64
Win 70 Featherweight 308, 270, 30/06	124.95	S & W 38 Airwate	64.60
Win 50—12 ga Auto	120.50	S & W 45 Army	70.07
Win Model 12 all gauges	93.85	S & W 44 Military	70.07
Win Model 12 Duck Gun	104.85	S & W 38/44 Outdoorsman	84.24
Win Model 12 Trap Gun, V.R.	209.80	S & W 38 Chief Special	59.64
Win Model 70 all calibers	120.95	S & W 357 Magnum	109.33
Win Model 70 Target—220	184.35	S & W K38 Masterpiece	73.80
Win Model 07 351 Auto	140.20	Sako 270, 30/06	135.50
Win Model 42 410 Pump	81.70	Astra Cub 25—22	29.90
Win Model 97 12 ga. Pump	77.30	Sako 222	135.00
Win Model 24 Double	77.10	Colt Trooper	71.05
Rem. Model 11/48 all gauges	110.45	Colt Officers Model	79.25
Rem. Model 870 all gauges	77.30	Colt Three Fifty Seven	89.50
Rem. Model 870 3" Duck	88.30	Hi Standard Supermatic	74.55
Rem. 870 TC Trap Gun	189.40	Ithaca 37 all gauges	85.95
Rem. 870 TB Trap Gun	136.15	Iver Johnson 55S	26.10
Rem. 760A all calibers	104.40	Marlin 336 Texan All Calibers	68.95
Rem. 760ADL all calibers	119.95	Ruger Mark I	57.50
Savage 99EG all calibers	105.65	Ruger Standard 22	37.50
Savage 99 Lightweight	108.60	Ithaca 4E	400.00
Savage 340 222, 30/30	49.95	Remington 270/30-06 Barreled Action	78.40



FAMOUS GREAT WESTERN SINGLE ACTION

Write for special price, available
in 22, 38 Spec. also 45, 3.57.DEALERS: We supply guns on affidavit
for law enforcement agencies. Let us
help you get this EXTRA business!DEALERS: We Trade — Write us
what you want and what you have!

LARGEST STOCK OF STANDARD BRANDS Send For Availability List

NOW AVAILABLE ALL NEW 1956
BUCCANEER MOTORS
WRITE FOR LITERATURE

WE PREPAY

CHARLES DALY, INC.

LYric 2-7586 Dept. G Elmsford, New York

KEEP FIREARMS AND SPORTING EQUIPMENT

NEW GUN GUARD PRODUCTS

Polarized Gun & Reel Oil—3
oz. bottle 35c; Siliconized-
Polarized Gun & Reel Oil—3
oz. bottle 59c; Gun & Reel
Oil Spray—6 oz. can \$1.39,
12 oz. can \$1.89; Rust Re-
mover—2 oz. bottle \$1.00;
Nitro Powder Solvent—2 oz.
bottle 45c; Siliconized Nitro
Powder Solvent—2 oz. bottle
59c; Gun Blue—2 oz. bottle
\$1.00; Siliconized-Polarized
Gun & Reel Cloth 89c.

MITCHELL CHEMICAL CO., INC.
WAMPUS LANE MILFORD, CONN.

STORM QUEEN LENS COVERS



Keep your
lenses clean.
Quick Detach-
able. No optical
distortion to
cause wild shots
or loss of light
gathering yet
quickly detached
by a flick of the
finger when you
are ready to
shoot. Do not
wear off the blue.
All popular sizes
\$1.95 from your
dealer.

Endless band keeps caps tight. Drip ring
gives double water seal.

ANDERSON GUN SHOP

1203 Broadway, Yakima, Wn. T. M. Reg.

action Springfield into their lanky backwoods Tennessee recruits. Boys who had been brought up on cap-lock muzzle loaders, and accustomed to "bark" squirrels for the family breakfast, gradually got interested in the "new Springfield" that would plop bullets into a 36" bullseye at two-thirds of a mile with surprising regularity. Manufacturers got onto the bolt action spree, and gun editors strung along, pushing the Springfield, claiming the best gun for anything was a .30-06 remodeled into a sporter.

Unfortunately, some bolt action enthusiasts tried to push their .30-06 pets by belittling everything connected with their chief rival, the lever actions and especially the .30-30. Some of the stuff they wrote was as far removed from the truth as Molotov is from a Sunday school. The things they said about that faithful old Model 1894! It was weak, unsafe, unreliable; it wasn't accurate enough to hit a deer over 150 yards. They claimed the .30-30 cartridge was so feeble—though now 10 per cent stronger than it used to be, due to improved powders—that its bullets would just bounce off the skull of a grizzly, or stick in the ribs of moose or elk, and should on no account be used on anything larger than small deer!

Old timers knew this was nonsense, and the '94 continued to sell but not at the same level as before. About 700,000 had been sold up to 1914, but it wasn't until 1927 that the engraved Model 94 bearing serial number 1,000,000 was presented to President Calvin Coolidge. Another 20 years were to pass before a half-million more were made, and No. 1,500,000 presented to President Harry S. Truman in 1948.

By then, some changes had occurred in the "buying habits" of the public. Several million GIs had become acquainted with the little M1 Carbine, and the qualities which made that gun such a wartime favorite, were also to be found in the time-honored Model 94. Both were light and both handled easy in one hand, came up to the shoulder and worked fast. Within five years another half-million had been turned out to satisfy the war-starved hunter sportsmen, and No. 2,000,000 was presented to President Eisenhower in 1953.

As for its accuracy, which used to be one of the easy ways to damn the .30-30 if you couldn't think up anything better, the cartridge now figures among the latest fads of super-accurate bench rest shooting. The most popular rifles have been bored for the new and very special hand-made cartridges, like the .219 Wasp with particular handloads and the .22-250 hand-fed. But one contrary customer took his straight from the bottle—from a fresh package of Winchester .30-30 ammo, to be exact. Yep, he had his 24-pound bench rest railroad tie fixed up to shoot the ancient thirty-thirty with a little coaxing. And what happened? He literally got tired of putting five shots, time and again, into one ragged hole at 100 yards just over half an inch across!

This year the 30-30's diamond jubilee finds no sign of senile decay in either rifle or cartridge. Even the issuing of a new model lever gun in .308 by Winchester doesn't seem to have affected much the sales of the '94 deer rifle. On the contrary, indications are that if our grandsons still hunt deer 60 years from now, the rifle they will most commonly haul out of their helicopters will be the same as great-grandpa toted in his buckboard—the old reliable Winchester lever-action "thutty-thutty."

KRUST Shooting and Reloading Supplies

SATISFACTION GUARANTEED OR MONEY REFUNDED

RELOADING TOOLS

Lyman Shotshell Reloading	\$29.50
Lyman Tru-Line Jr. Benchtool (complete)	25.00
Lyman Tru-Line Dies Only	10.00
Lyman #55 Powder Measure	14.50
Lyman EZY Load Press (complete)	58.75
Lyman EZY Load Dies Only	16.25
Lyman 45 Sizer & Lubricator (complete)	16.00
Lyman 310 Tool (complete)	15.75
Lyman 310 Dies Only	10.75
Pacific Super Tool with one set of dies	39.95
Pacific Dies per set	13.50
Pacific Shell Holder	4.50
Pacific Auto. Primer Feed	6.50
Pacific Powder Scale (with weights)	10.95
Ideal Shell Trimmer	7.00
B & M #28 Straightline Tool (complete)	22.50
B & M Powder Measure Standard Tube	14.50
B & M Powder Measure Micro Tube	16.00
B & M Extra Dies	4.00
B & M #26 Bullet Seater	4.00
B & M Primer Pocket Reamer	3.00
Smiley Standard Trimmer	14.00
Smiley Deluxe Trimmer	16.00
Smiley Drill Press Model	12.75
Wilson Universal Case Trimmer	13.75
Wilson Cartridge Case Gauge (state cal.)	5.50
Wilson Head Space Gauge	6.60
Wilson Full Length Resizing Die	7.50
Wilson Primer Pocket Reamer	5.00
Wilson Inside Neck Reamer	5.00
Redding Powder Scale, Beam Type	14.00
Thalson Shotshell Reloading Set	22.50
Grigsby Case Trimmer (Deluxe)	14.50
Grigsby Extra Collets either standard or magnum	3.00
Grigsby Pistol Model Trimmer "D"	11.45
Grigsby Jr. Case Trimmer Model "B"	11.45
Echo Reloading Tool, less dies	19.50
Echo Shell Holder head only	3.25

SCOPES

Lyman Alaskan	\$ 64.50
Lyman Fixed Alaskan	44.50
Lyman Challenger 4X	85.00
Lyman Wolverine 6-8-10X	89.00
Lyman All American 2½X	45.50
Lyman All American 6X	59.50
Lyman All American 4X	49.50
Lyman Super Targetspot 10-30X	105.00
Lyman Jr. Targetspot 6-8-10X	75.00
Unertl ¾" Target Scope	40.00
Unertl 1" Target Scope 6-8-10X	58.00
Unertl 1¼" Target Scope	78.00
Unertl 1½" Target Scope 10-20X	90.00
Unertl Varminter 6-8-10X	75.00
Unertl Ultra Varminter 8-10-12X	105.00
Unertl Hawk 4X	52.00
Unertl Condor 6X	66.00
Unertl Falcon 2¾"	48.00
Unertl 2" Target 10-24X	125.00
Unertl Vulture 8-10X	80.00
Weaver Model K-1	34.50
Weaver Model K-2.5	37.50
Weaver Model K-3	37.50
Weaver Model K-4	45.00
Weaver Model K-6	48.50
Weaver Model KV	57.50
Weaver Model K8	59.50
Weaver Model K10	59.50
Weaver Model J2.5	22.50
Weaver Model J4	27.50
Stith Bear Cub 2¾ Super	45.00
Stith Bear Cub 4X Master	30.00
Stith Bear Cub 4X Double	59.50
Stith Bear Cub 6X Double	79.50
Boone 2½"	38.00
Boone 4X	48.00
Weatherby Imperial Scope 4X	85.00

Weatherby Imperial Scope 6X	98.00
Leupold Plainsman 2¼X	64.50
Leupold Pioneer 2½X	45.00
Leupold Pioneer 4X	64.50
Leupold Pioneer 8X	75.00
Leupold Westerner 8X	89.50
Leupold Mountaineer 4X Double Adj. Scope	79.50

NOVEMBER SPECIAL!
A FREE POWDER DRIPPER
with each purchase of a
REDDING POWDER SCALE

MOUNTS

Weaver Model B4—Tip-Off or N Mount	\$ 9.75
Weaver Model B6—Tip-Off or N Mount	12.50
Weaver Mount, Top or Side (complete)	9.75
Weaver Top Mount Rings (pair)	9.00
Weaver Side Mount Brackets	9.00
Weaver Top or Side Mount Bases (each)	1.50
Stith Master Mount	27.50
Stith Dovetail Mount	20.00
Pachmayr Lo-Swing 1" Mount	20.00
Griffin & Howe Mount	25.00
Boone Mount (reg.)	7.50
Redfields Jr. Mount 1" (complete)	16.50
Redfields Jr. Mount 22mm (complete)	14.50
Redfields Jr. Mount ¾" (complete)	12.50
Redfields Jr. Mount 26mm (complete)	19.50
Redfields Jr. Bases Only	6.75
Redfields ¾" Rings Only	5.75
Redfields 22mm Rings Only	5.75
Redfields 1" Rings Only	9.75
Redfields 22mm Split Rings Only	10.75
Redfields 26mm Split Rings Only	12.75

ACCESSORIES & BOOKS

Argus Spotting Scope	\$82.00
Saturn Spotting Scope	36.75
Ranger Spotting Scope	87.00
Mossberg Spotting Scope	27.40
Weaver Lens Caps	2.00
Krust Rifle Bipod (for varmint hunters)	4.75
Krust Rifle Bipod (with beavertail cradle)	5.75
Powder Dropper	2.25
McKillen & Heyer Cartridge Case Gauge	3.45
Merit Melting Pot	12.00
Mundy Borescope	2.85
Pachmayr Recoil Pads	3.25
Jaeger's M50 Adjustable Triggers	12.00
Jaeger's Double Set Triggers	10.00
Guns & Shooting by Lucian Cary	2.00
Antique Guns by Bowman & Cary	2.00

BULLETS

Hornady Bullets	Per 100
2225 and 224 45 gr. Hornet Spire SP	\$2.65
2225 cal. 50 gr. Spire SP HV	2.90
224 cal. 50 and 55 gr. SP HV	2.90
224 cal. 60 gr. SP HV	2.90
6mm cal. 70 gr. Spire SP	3.75
6mm cal. 87 gr. Spire SP	3.95
6mm cal. 100 gr. Rd. No. SP	4.20
257 cal. 60 gr. Spire SP HV	3.65
257 cal. 87 gr. Spire SP	3.95
257 cal. 100 gr. Spire SP	4.20
257 cal. 117 gr. Rd. Nose SP cannellured	4.45
6.5mm cal. 129 gr. Rd. Nose SP cannellured	4.65
6.5mm cal. 160 gr. Rd. Nose SP cannellured	5.00
270 cal. 100 gr. Spire	4.35
270 cal. 130 gr. Spire	4.75
270 cal. 150 gr. Rd. Nose cannellured	5.00
7mm cal. 139 gr. Spire SP	4.75
7mm cal. 154 gr. Rd. Nose cannellured SP	5.00
7mm cal. 175 gr. Nose SP cannellured	5.50
30 cal. Spire SP or Rd. Nose SP	4.35
30 cal. 150 gr. Spire SP	4.75

30 cal. 150 gr. Rd. Nose SP cannellured	4.75
30 cal. 180 gr. Spire SP	5.00
30 cal. 180 gr. Rd. Nose SP cannellured	5.00
30 cal. 170 gr. Flat Nose SP cannellured	5.00
312 cal. 150 gr. Rd. Nose SP cannellured	4.75
321 cal. 170 gr. Flat Nose SP cannellured	5.00
8mm cal. 170 gr. Rd. Nose SP cannellured	5.00
321 cal. 170 gr. Flat Nose SP cannellured	5.00
8mm cal. 170 gr. Rd. Nose SP cannellured	5.00
348 cal. 200 gr. Flat Nose SP cannellured	5.50
35 cal. 200 gr. Rd. Nose SP cannellured	5.50
35 cal. 275 gr. Semi Spitzer SP cannellured	6.00
375 cal. 300 gr. Rd. Nose SP cannellured	7.00
Nosler Bullets	Per 50
270 cal. 130 gr. Soft Nose Spitzer	\$4.50
270 cal. 150 gr. Soft Nose Spitzer	5.00
30 cal. 150 gr. Soft Nose Spitzer	4.50
30 cal. 180 gr. Soft Nose Spitzer	5.00
30 cal. 200 gr. Blunt Nose Spitzer	5.00
Sierra Bullets	Per 100
223 and 224 cal. 40 and 45 gr. Hornet SP	\$2.65
224 cal. 45, 50 and 55 gr. Semi-Ptd. SP	2.90
224 cal. 63 gr. Semi-Ptd. SP HV	2.90
224 cal. 45, 50 and 55 gr. Spitzer	2.90
6mm cal. 85 gr. Spitzer SP	3.95
6mm cal. 100 gr. Semi-Ptd. SP	4.20
257 cal. 87 gr. Spitzer	3.95
257 cal. 100 gr. Spitzer	4.20
257 cal. 117 gr. Spitzer SP	
Boattail or Flat Base	4.45
6.5 cal. 120 gr. \$4.45, 140 gr. Boattail	4.75
270 cal. 110 gr.	\$4.45
270 cal. 130 gr. Flat Base	4.75
270 cal. 130 gr. Spitzer SP Boattail	4.75
270 cal. 150 gr. Spitzer SP Boattail	5.00
7mm cal. 120 gr. \$4.45, 140 gr. Spitzer SP	4.75
7mm cal. 160 gr. Spitzer SP Boattail	5.00
30 cal. 125 gr.	4.45
30 cal. 150 gr. Spitzer SP	4.75
30 cal. 180 gr. SP Spitzer or Flat Base	5.00
30 cal. 180 gr. MATCH KING FULL	
PATCH BOATTAIL	5.00
311 cal. 150 gr. Spitzer	4.75
311 cal. 180 gr. Spitzer	5.00
8mm cal. 150 gr. Spitzer	4.75
8mm cal. 175 gr. Spitzer	5.00
Norma Bullets	Per 100
250 cal. 87 gr. SP	\$3.95
250 cal. 100 gr. SP	4.20
250 cal. 120 gr. SP	4.45
6.5 cal. 77 gr. SP RN	3.95
6.5 cal. 139 gr. FJ Match	4.75
6.5 cal. 156 gr. SP RN	4.75
6.5 cal. 156 gr. FJ	4.75
270 cal. 130 gr. HB BT	4.75
270 cal. 130 gr. FJ BT	4.75
270 cal. 150 gr. FJ Match	5.00
270 cal. 150 gr. SP BT	5.00
7mm cal. 150 gr. FJ Match	5.00
7mm cal. 150 gr. SP BT	5.00
30 cal. 130 gr. FJ BT	4.50
30 cal. 130 gr. SP BT	4.50
30 cal. 150 gr. FJ BT	4.75
30 cal. 150 gr. SP BT	4.75
30-06 cal. 150 gr. HP	4.75
30-06 cal. 180 gr. FJ Match	5.00
30-06 cal. 180 gr. HP BT	5.00
30-06 cal. 180 gr. SP BT	5.00
30-06 cal. 220 gr. FJ BT	5.50
30-06 cal. 220 gr. SP BT	5.50
7.7 cal. 180 gr. SP RN	5.00
7.7 cal. 215 gr. SP RN	5.50
303 cal. 180 gr. SP RN	5.00
303 cal. 215 gr. SP RN	5.50
8mm cal. 124 gr. SP	4.45
8mm cal. 196 gr. SP RN	5.00
8mm cal. 196 gr. FJ	5.00
8mm cal. 198 gr. HP BT	5.00
8mm cal. 198 gr. Match	5.00

NO C.O.D.S PLEASE! — DO NOT INCLUDE POSTAGE — KRUST PAYS THE POSTAGE

W. KRUST & CO.

ROSSING, NEW YORK

FREE

REVISION SERVICE FOR CURRENT YEAR

WITH THIS COMPLETE EDITION OF **FIREARMS DIRECTORY** by SHELLEY BRAVERMAN

Always UP-TO-DATE



This is the only-of-its-kind Gun Encyclopedia which, since 1951, has been serving those whose vocation or avocation includes Firearms... Collectors, Dealers, Gunsmiths, Libraries, Manufacturers, etc., throughout the world, are finding the Firearms Directory more and more valuable.

Police Laboratories from Scotland to Singapore use the Firearms Directory!

Since its inception, The Firearms Directory has grown each year by means of additions and revisions, to the extent that it now weighs more than six (6) pounds!

PROFUSELY ILLUSTRATED—THOUSANDS OF ILLUSTRATIONS!

The unique maintenance service, consisting of additional new material and revisions, solves the "obsolete book" problem—The FIREARMS DIRECTORY IS ALWAYS UP TO DATE, AND THE MAINTENANCE SERVICE KEEPS IT THAT WAY; there is nothing else like it in the Firearms field.

THE FIREARMS DIRECTORY IS DIVIDED INTO SIXTEEN SEPARATE SECTIONS:

BOOKS and PUBLICATIONS
CLUBS and RANGES
CODES and PROOF MARKS
DEALERS
FIREARMS, MISCELLANEOUS

GLOSSARY
GUNSMITHS
IDENTIFICATION
LABORATORIES
LEGAL
MANUFACTURERS and IMPORTERS

PATENTS
PISTOLS
RIFLES
SHOTGUNS
TECHNICAL NOTES

Appropriate material, contained in the above classifications, is continually added to—for example, the "PISTOL ATLAS" (pp. 34-35, FIREARMS IDENTIFICATION, J. S. Hatcher) long unavailable, will be at YOUR hand as a Firearms Directory owner... Also, each patent in the Firearms field is extracted with illustrations and included in the annual supplement... And, of course, our world famous Isometric Drawings—of which we now have sixty-seven—all to be included in the Firearms Directory! These range from the Collier Flintlock Revolver and Patterson Colt through the modern automatics—Truly a wealth of material nowhere else available.

EACH F/D COMES TO YOU IN A SPECIALLY DESIGNED, CUSTOM BUILT, TENGWALL BINDER!

Examine it *Free* at your local Library, or order your own copy now...

PRICE—Including Revision Service for Current Year—

UNITED STATES: \$20.00

FOREIGN: \$22.00

THE FIREARMS DIRECTORY

207 EAST 31st STREET • NEW YORK 16, N. Y.

THE ORIGINAL PLASTIC STOCK INLAYS
are my business and I make the finest. Brilliant colors, beautiful designs, hand cut by precision machinery. Send for latest list.
C. D. CAHOON • DEPT. 2, TOPSFIELD, MASS.



ANTIQUE GUNS, EDGED WEAPONS & RELATED ITEMS for sale in our 180 page catalog-reference book, PHOTO-ILLUSTRATED, completely described and priced. Plus important data. Over 1000 items. Send \$1 (refunded with 1st purchase).

the Museum of Historical Arms
Dept. N 1038 ALTON RD., MIAMI BEACH, FLA.

OAKLEY & MERKLEY
California Claro Walnut
FINE GUNSTOCK BLANKS
P. O. Box 2446 Sacramento, California

Gardiner Bullets—

.257 caliber 85 grain Spitzer soft point. These are real varmint busters, precision made, with light weight inside tapered jackets for best bustability and highest velocities. Priced \$4.20 per hundred postpaid. Free bullet on request. Bullet Jackets, all calibers .22 to 8 mm. Write for our folder.

ERNEST L. GARDINER
Box 1682 Rockford, Illinois

ROLLING BLOCK CLUNK

(Continued from page 30)

accomplished diplomat in his dealings with the oddballs who come to him with their gun problems. When I asked him what he thought about rebarreling the Rolling Block action, he reckoned mildly that it was strong enough to handle any medium-pressure cartridge, but pointed out that the trigger and hammer combination were unwieldy and slow. Unless the block and hammer pins were good and tight, the block might spring back enough to allow the cartridges to expand to a point where full-length resizing would be necessary.

I didn't want to invest any important money in the project, but did want to learn what the 1901 Remington would do with a cartridge a bit hotter than the 7mm. Charley just happened to remember having a second-hand .257 Roberts barrel some customer had left with him after a conversion job, and offered to fit it to the Remington, in the interests of science, for ten bucks.

There's a standing joke around Charley's shop about the little boy who brought in his Christmas .22 for work and got it back on his 21st birthday, but by next weekend Charley had the Rolling Block Roberts ready to test fire. He had gone over the action piece by piece to check for defective parts and excessive looseness and wear, but the only conclusive proof of a rifle's capability is to shoot it.

A factory round functioned perfectly; the empty shell ejected readily and slid back into the chamber without sticking. One of Charley's "blue-pill" overloads was then fired with no sign of trouble. The empty ejected easily and the action closed smoothly on the empty case, although the chamber pressure had been high enough to flatten the primer and extrude it out to the lip of the primer pocket. Several more overloads were fired with the same results, and we were satisfied the action would function all right.

Obeying one of those unreasonable impulses that keep gun nuts broke, I bought a pair of deluxe grade Bishop stock blanks and after some jury-rig carpentry made necessary by the long, straight tangs on the Remington action, had a stock that fitted my shoulder like an Ivy League jacket. While I was rubbing down the wood to bring out the rich pattern of the dark Ozark walnut, Charley mounted a pair of blocks on the rifle for the 12-power Unertl Super Varminter scope, and the rifle was ready to zero in.

Over a period of weeks I fired several hundred rounds through the .257, using factory ammunition and a number of combinations of case makes, powders and bullets in reloads. I soon learned that the old girl was temperamental and wouldn't perform well with heavy charges or a warm barrel. My log book shows 4-shot, 100 yard groups of 0.45", 0.88", 0.94" and 0.95". In each string, however, the fifth shot wandered out over the 1" mark.

Tedious trial and error revealed the fact that the rifle preferred 100 grain bullets and a moderate charge of 37 grains of No. 4064 powder, and that it would put its first three shots into about a half-inch group. I used it with devastating effect on woodchucks that summer, but I had to select my

tain carefully because of the tendency of the .257 bullets to ricochet, a distinct hazard in the thickly-populated Ohio farmlands.

Then the bug began to bite again. I still had the other carbine Dick had left behind. It was in better condition than the one Charley had converted for me, and I wondered what it would do with a .22 wildcat chamber in its teeth. When I reported my good luck with the .257 to Charley and asked what he thought of making up a .22/250 Rolling Block, an amused twinkle appeared at the corners of his eyes. But he was much too polite to tell me I was crazy. About all he'd commit himself to was, "Well, it wouldn't hurt any to try it."

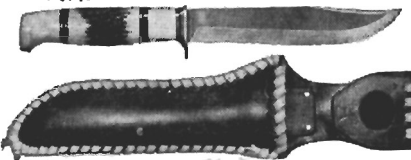
This time we did the job up right with a Pfeiffer premium grade barrel measuring 1 1/4" thick at the breech and tapering to 1" at the muzzle. Charley tightened up the action with new block and hammer pins, relieved some of the pressure on the trigger spring and smoothed the sear to a clean pulloff. I stocked the rifle with some straight-grained German walnut I had on hand, and started shooting.

The .22/250 is a much more solid citizen than the .257 Rolling Block. It shoots 45, 50, 52 and 55 grain bullets almost equally well, with a slight preference for Hornady's 50 grain spire points and Martin Weimer's 52 grain bench-rest hollow-points. (I asked Martin why he made his bullets with tiny hollow points for target use, and he replied, "Because they shoot better that way," and I guess that's about as good a reason as any.)

Groups with the .22/250 do not show fly-

WORLD'S FINEST HUNTING KNIVES

Custom Made by MORSETH



Morseth Knives acclaimed by guides, hunters, experts! Super-tough inlaid blades stay razor-sharp. Lifetime guarantee against accidental blade breakage! Patented fibre-lined Safe-Lok sheath protects wearer! Knife shown, with 6" blade, laced leather sheath, \$18.00 postpaid. Other models, 5" & 6" blades, \$8.75 - \$20.00. Send 3c stamp for folder!

MORSETH SPORTS EQUIPMENT
5801 Broadway, Dept. G, Everett, Wash.

THOMAS M. BLAKEMORE

Everything for the Target and Bench Shooter.
TRADES ACCEPTED
5678 W. Washington Blvd. Chicago 44, Illinois

DON'T ANNEAL THAT HARD RECEIVER!

Carbide Pilot Drills\$2.25 each
Special Taps 2.00 each
Special Drills 1.00 each

Stocked in #8/40 and #6/48. Others to order.

COLOR CASE HARDENING—48-hour service!

ALAMO HEAT TREATING CO.

P.O. Box 7081
HOUSTON 8, TEXAS

HUNTERS' SPECIAL

RARE IMPORTED
HAND CARVED

\$25
as illustrated

Inlaid and Completely Finished
For post-war model 70 Winchesters, only
Cal. 30-06, 270, 257, 220 Swift, 22 Hornet



Each stock hand-carved (as illus.) with Monte Carlo comb and cheekpiece for right-handed shooter. Your choice of deer or bear carving on butt. Select from either handsome straight-grain @ Zelcona, or beautiful light-weight @ Chinese Chestnut. Both woods have tensile strength greater than walnut. Hand-inlaid to fit Winchester models listed. 10-day money-back guarantee if you're not completely satisfied. Mark both design and wood selections below.

☐ Deer ☐ Zelcona @
☐ Bear ☐ Chestnut @

Send your check or M.O. with order. No COD's. We pay postage.

Dept. 1155G THE GUN SHOP
957 Broadway
Somerville 49, Mass.

SPARE TIME HOBBY

Send for my unusual collection of patterns. Useful for carving, checkering or stippling gun stocks, pistol grips, etc. Hundreds of animals, birds, decorative designs, initials. Plus transfer carbon. Only \$2.00 postpaid, check or cash.

C. H. KLEIN, Jr., P.O. Box 2591.
Roselawn, Cincinnati 37, Ohio.



One of the Largest Gun Displays in the Midwest

Neidner
CHECKERED
STEEL BUTT PLATE
\$2.50

Pre-war \$5.00 Value! Finest sporter butt-plate made. Sharp, clean checkering. Case hardened steel. Size 1 9/16" x 5 1/8". Companion checkered steel grip-cap also available.
GRIP CAP \$2.50

HERE AT RILEY'S you have a wide choice of new and used guns—over 600 in stock, assures immediate delivery of your favorite make and model in the gauge or caliber you want. And whether you choose to visit RILEY'S or write us for quotations, you can also be sure of courteous treatment. Come see us soon—or write your needs today.

Exclusive Distributors of these famous NEIDNER Products

WE ALSO CARRY A BIG STOCK OF

• Scopes • Mounts • Loading Tools
• Reloading Components • Accessories
Dealer orders and inquiries invited on all shooting supplies.

Riley's
SUPPLY CO.
P. O. BOX 36 • AVILLA, IND.

NATIONAL DISTRIBUTORS OF RELOADING AND SHOOTING SUPPLIES



My Boss bought a

Kolpin GUN-TECTOR

And rightly so says good old Hector,
Now we go hunting to his favorite lair,
Knowing his gun has had proper care.

And I'll tell you another thing old Spot
No matter what kind of gun your boss has got,
There's a KOLPIN GUN-TECTOR made just right,
To fit his gun, keep it clean and bright.



The "STRAIGHT-A-WAY" \$4.95

NO. 62 Alligator Vinyl leather. Quilted gun cloth with thick felt inner padding with handle-sling and 16-inch zipper.



The "ALGONQUIN" \$4.99

NO. 15 Deep brown Shu-Kid Vinyl leather. Two-tone Diamond gun cloth with thick water repellent cushioning with wraparound handle and full length zipper.

AN UNLOCKED
GUN CASE AND
A CURIOUS SMALL BOY
MAY RESULT IN AN AC-
CIDENT THAT COULD HAVE
BEEN AVOIDED. KOLPIN ZIPPER
TYPE GUN-TECTORS FEATURE A
LOCKING RING AS SHOWN.

Kolpin GUN-TECTORS combine
beautiful craftsmanship, fine ap-
pearance and faithful service at a
price that brings complete pro-
tection for fire arms, within the
reach of every gun owner.

All have famous VPI rust inhibitor.
All have reinforced tips with
hanging loop.

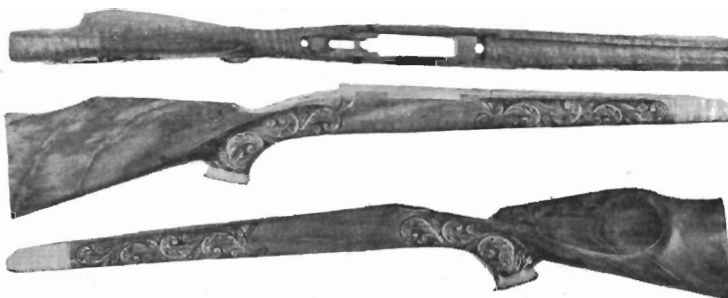
All rifle sizes fit Lo-mount scopes.
Lengths: 40", 44", 46", 48", 50",
52".

SEE THESE AND MANY OTHER STYLES AT YOUR FAVORITE SPORTING GOODS DEALER OR WRITE TO

KOLPIN BROS. CO. INC., DEPT. G, BERLIN, WISCONSIN

FOR THE BEST IN RIFLE STOCKS

Ultra Precision Inletted



Inviting Dealers inquire; Write for new 'Catalogue'.

ANTHONY GUYMON, INC. 203-G Shore Drive Bremerton, Washington

ers like those thrown by the .257. The log-
book shows many 5-shot groups running
near half-inch size, and the largest 10-shot
string fired so far measures only 1.55" with
a warm barrel.

Of course the slow trigger, long hammer
fall and rigidly-fastened forearm all com-
bine to prevent the .22/250 Remington from
ever getting into serious competition on the
target range. But its only drawback as a
varmint rifle is the fact it's so dad blamed
heavy with that 1 1/4" barrel and 12x scope
that I need a gunbearer on safari through
the alfalfa fields. But I can count on it for
consistently better than minute of angle ac-
curacy, and have knocked off many a whis-
tle-pig with it at ranges from 250 to 300
yards.

In my experiments with the old Reming-
tons I was surprised to find that I did not
encounter case trouble with any of them,
either as to ejection of empties or recham-
bering of reloads. Even with the .22/250,
fired cases may be reloaded and fired sev-
eral times before full-length resizing is nec-
essary.

Any doubts I may have had as to the
safety and reliability of the 1901 actions
have also been dispelled. The stout hammer
base cams against the sturdy block, pulling
it tight on the face of the breech and form-
ing, with the block, a barrier of steel be-
tween the cartridge and the shooter's face.
I don't mean to imply that the Rolling
Blocks are suitable for high intensity car-
tridges using heavy bullets, nor would I
recommend continued use of maximum
loads in the calibers I've described.

I am convinced, however, that the 1901
Remington action, in good condition, that is,
without defective or badly-worn parts, is safe
for any normal load in all three calibers.
It certainly is an interesting foundation up-
on which to build a varmint rifle which is
adequate in power and range for the kind of
shooting encountered in the east. It is a
good deal cheaper and more readily avail-
able than any of the other single shot rifle
actions so eagerly sought after for this pur-
pose these days.

"MITCHELL'S SHOOTING GLASSES—



No. 400

No. 400: Newest wide vision;
comfortable shell frame. Light
but sturdy. Full coverage.
Plano

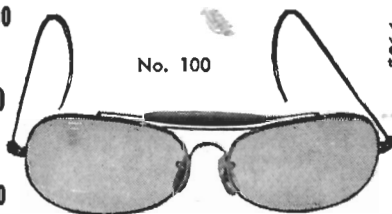
\$9.00

With corrected lenses to
your own prescription: \$13.00

No. 100: New-
est wide vision.
Light weight
goggles. Non-
corroding sweat
band. Gold
filled, Plano...

\$13.50

With corrected lenses to
your own prescription: \$20.00



No. 100

are the finest glasses I have ever worn for
competitive shooting, or for hunting!"

(Signed) **ELMER KEITH**

(Photo shows Dr. Mitchell adjusting Yellow Lens
glasses for Keith at 1955 NRA Convention)

Dr. W. P. Mitchell knows the special problems
of shooters, and his famous Yellow Lens
Glasses definitely will help you SEE BETTER to
SHOOT BETTER. They are custom designed;
he will give his personal attention to improv-
ing your scores and increasing your kill.

You are cordially invited to
visit with Dr. Mitchell at his
Camp Perry exhibit, during
the 1955 National Matches.



*Mitchell's Yellow Lens
Shooting Glasses*

WAYNESVILLE, MISSOURI

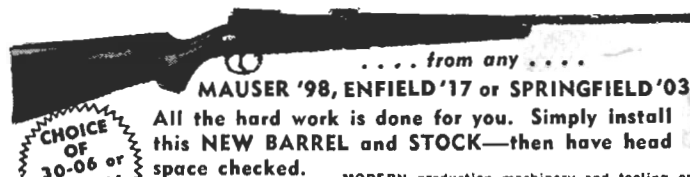
Write for Folder illustrating 7 additional designs.

Send Sketch or
Broken Part
If Available

OVER 13,000,000 GUN PARTS

WRITE WANTS
FOR ITEMS
NOT SHOWN

Now... YOU CAN HAVE YOUR OWN CUSTOM
SPORTER in less than 1 hour WITH THIS KIT



CHOICE
OF
30-06 or
270 CAL.

... from any ...
MAUSER '98, ENFIELD '17 or SPRINGFIELD '03
All the hard work is done for you. Simply install
this **NEW BARREL AND STOCK**—then have head
space checked.

YOU GET! Brand NEW 22" blued
sporter barrel, 4-
groove, crowned muzzle, threaded and
chambered—ready to screw into your
action. Beautifully grained American
walnut stock, completely finished and
perfectly inletted. Bottle of instant
gun blue, a SHIM for preliminary
headspace checking, and illustrated
"how-to-do-it" instructions.

MODERN production machinery and tooling enables us to make this
big, money-saving KIT offer. Note that price of the entire kit is
less than the usual cost of a good sporter barrel—or a finished stock
alone. Or, if your MAUSER '98, SPRINGFIELD '03 or ENFIELD '17
military rifle is already 'sporter-stocked' or 'sporter-barreled', you
can order ONLY the barrel or stock—and still have your own
CUSTOM SPORTER at lowest possible cost. Remember, all the hard
work is done for you. All you have to do is screw out old barrel
and screw in the new one—and tighten stock screws! Minor inletting
may be required on stocks used with military barrels or barrels of
other than our make. ALL STOCKS SHIPPED INLETTED FOR OUR
SPORTER BARREL.

DEALERS: Order an ASSORTMENT of these fast-selling
NUMRICH KITS. Offer them "as is" or installed.
Use them to build NEW SPORTERS on YOUR ACTIONS. Discounts
on 3 or more KITS.

SPORTER STOCK
AND BARREL
Completely
FINISHED
Only
\$28⁷⁵
PLUS \$1.00 POSTAGE
ACTION NOT INCLUDED

BARREL ALONE ... \$19.95 ppd.
STOCK ALONE ... \$14.95 ppd.

UNHEARD OF BARGAIN!!

SPORTING & TARGET REAR SIGHT
for Mauser, Springfield, Japs &
Enfield (with "ears" removed). Fast
coin slot adjustment for windage and
elevation. Completely milled, no cheap
stampings. Furnished with mounting
screws & TWO sight discs (one fine, one
medium). A true \$7.95 value. YOURS
last! ... \$3.95 ppd. (Extra Special ... 2 of
FOR LESS THAN 1/2 PRICE (while supply
above ... \$6.95 ppd.)



INSTANT GUN BLUE

Famous Formula 44-40 ... takes seconds to apply, beautifies,
protects. Used cold—nothing complicated. Deep blue permanent
finish actually penetrates the steel. Used by gun factories and
gunsmiths everywhere. Guaranteed to be the best cold blue you
ever used or your money back!
2 oz. (3 gun size) ... \$1.00 ppd.
1 qt. (Industrial-Gunsmith) ... \$3.75 ppd.

WE HAVE OVER 15,000,000 GUN PARTS

In stock for immediate delivery. Parts for modern, obsolete and foreign guns.
For free quotation, send broken part or rough sketch with full information.

SUPER BUY 95c

Ramp sights as shown, ridges on ramp
make it no glare—in white, .525 I.D.
Note design that permits use on any
rifle by turning end of barrel to .525
assuring smooth appearance. Also
makes fine pistol sight.
Each 95c—Extra Special \$9.00 per doz. \$65.00 per 100.



CARBINE REAR SIGHTS



adjustable for windage &
elevation, fits all U. S. Car-
bines, slides into receiver
dovetail—2 minutes to in-
stall, as issued, **\$1.85 ppd.**

SPECIAL! Only \$3.95



**SPARE PARTS KIT FOR
JOHNSON SEMI-AUTO RIFLES**
of most easily broken parts.
This kit will guarantee you
of years of trouble free use.
Increases value of your gun
if you sell it. All parts new,
original and at less than 1/2
usual price for this special
offer. Includes firing pin as-
sembly, extractor, mag. cover
spring and mag. support pin
assembly. Regular \$8.65.

CHARGING CLIPS FOR U. S. CARBINE

... each clip holds
10 rounds, which can
be stripped into Car-
bine magazines in
seconds by push of
thumb—Govt. issue. Six stripper clips for \$1.00.

MAUSER HSc FIRING PINS

... made of special
steel for long use. If
you have this model
gun, a spare bought
now would be a good investment. ... **\$3.95**



CUTS COMPENSATORS

.45 caliber, originally used for
Thompson submachine guns—re-
duces both muzzle jump and
recoil. Many experimental and
custom uses—complete with front
sight blade and pin, slightly
used, **\$3.95 ppd.**



MAGAZINES FOR K-43 & G-43

German semi auto rifles, our make,
20 shot, guaranteed to feed even with
220 gr. soft point bullets ... **\$9.95 ppd.**



GENUINE PEARL GRIPS

for Pocket Positive, or New Police. Colt's
regular price, \$7.95 pr., our price, only
\$1.95 pr. A \$6.00 saving per pair while
they last. Same grips with genuine Colt
Medallion \$2.95 per pair.



SMITH & WESSON

ORIGINAL, NEW OR PERFECT

black hard rubber grips, for round
butt M&P, .32 & .38 top breaks and
spur trigger models, Ladysmith round
butt, .44 D.A. etc.—Send tracing of
butt—\$2.50 pr.



MAIN SPRINGS

Colt Lightning Rifle, **\$2.80**,
Colt Lightning pistol, **\$2.25**,
Colt New Army, **\$2.25**, Colt
Single Action, **\$1.50**, Marlin
Rifle and Shotguns state
model and caliber, **\$2.25**,
S&W "K", M&P, 38/44, 1017
& Magnum, **\$1.00**, 22/32, .32
& .38 topbreak & Ladysmith,
\$1.75, Luger Old Model flat
main springs, **\$5.50**, Win-
chester '94, **75c**.

WINCHESTER '94 PARTS SPECIAL—ALL NEW

MOST CRITICAL PARTS KIT—take
with you when hunting, consists of ex-
tractor, ejector complete, firing pin, &
mainspring—Special price (save over 50%
or \$2.00) Only **\$1.95 ppd.**

MAJOR OVERHAUL KIT—probably
never again at these prices! New breech
bolt, carrier, link and complete locking
bolt—your discount over double that of
even biggest dealers. All for **\$7.95 ppd.**

NEW WOOD MAKES old guns look
young again—Model 92 and 94 stocks,
w/butt plate, straight grip, **\$5.95**—car-
bine fore-ends, full magazine, **\$2.25**.

MODEL 94 set of new hammer complete,
main spring & main spring screw—
only **\$1.75 ppd.**

'92 WINCHESTER, New stocks, w/butt
plate—\$5.95, new forearm, \$2.25, new
mainsprings, w/screw \$1.00.

GUNSHOPS—DEALERS

We buy miscellaneous lots of gun parts, and/or
junkers for breaking into parts—all kinds wanted,
new, used, military, commercial, obsolete,
modern. We pay top dollar because we have the
market—send list or ship off collect for our
offer. Many hundreds of pleased sellers ship us
constantly.

★ MARLIN BARRELS ★

Super Rare—Just Discovered after many, many
years of Storage—All Absolutely NEW, only
occasional slight outside blemish from years
of shifting and storage. Can be converted for
use on many other makes.

FOR MODEL 1893-38	
.38-55 Caliber:	
26" full octagonal	\$12.50
26" full oct. (Takedown)	16.50
26" round Takedown	12.50
26" round Carbine	8.95
.32-40 Caliber:	
26" full octagonal	12.50
26" half octagonal	12.50
26" round Carbine	8.95
410 Shotgun:	
22" shotgun barrel	0.95
FOR MODEL 1895:	
.33 Caliber:	
24" round Takedown	15.50
.45-70 Caliber:	
26" full octagonal	24.50
FOR MODEL '94:	
.32-20 Caliber:	
20" round Carbine	7.50
.38-40 Caliber:	
20" round Carbine	7.05
FOR MODEL '92:	
.32 Cal. Rim or C.F.:	
26" full octagonal	9.95
24" round	7.00
26" round	7.50
FOR PUMP SHOTGUNS:	
12 Gauge: 26" and 28" barrels; imp. cyl. mod. & full choke	0.95

WRITE WANTS FOR OTHER CARBINE PARTS

L-O-N-G 38 BARRELS

Straight rifled tubes, 11" long, 7/8" thick, .357
bore, NEW, suitable for .38 special, .357 Magnum,
9 mm. Luger, etc. While few last, each **\$7.95**.

NEW! .22 CALIBER RIFLE BARREL

(23", .808 on threads, 1" at shoulder, tapering to
.562 at muzzle). In white, fine 1137 steel, suitable
for rim or center fire—good heavy barrel with
guaranteed accuracy—**\$3.95 plus 40c postage**.
Same barrel, smooth-bore for
shot—**\$2.95 plus 40c postage**.
New in white, .630 on shank, .750 at shoulder
tapering to .560 at muzzle, unthreaded, w/front
sight dovetail cut. 24" dbl. **\$3.50 plus 40c post-
age**.

.50 CALIBER BARRELS

Brand New, 36" long, 8 groove. Originally for Brown-
ing machine guns. Each **\$15.00**.

.30 CAL. BARREL—24" BRAND NEW! CHAMBERED FOR 30-06

Finest 4130 steel, 4-groove, 1 1/10" at shoulder,
7/8" on threads, 1-turn in 10 standard rifling. A
good heavy-tapered, turned barrel at less than
1/2 production cost! A real buy only **\$4.95 plus
55c postage**.

SHORT '92 WIN. BARRELS

For '92 Carbines, .44/40 Caliber, 14" long—
(illegal to use on RIFLE unless compensator is
installed to make 18" or more). Blued, complete
with front ramp, NEW, \$3.05. Also same as above
16" length **\$6.95**. NEW 38/40 or 44/40 Magazine
Tubes, 13 1/2" for above barrels or 1/2—mag—on
regular '92—**\$1.85**.

SHOT BBLs.
Semi finished 6" .38 cal.
smooth bore pistol bar-
rels. Note wide forged
full target rib. The lug at bottom makes it ideal
for use on S&W carbine. Unthreaded shank, .572.
Bore full land dia. Special, at less than cost of
forging alone **\$2.65 ppd.**

**NEW WOOD FOR
U. S. GARANDS**
New stocks, ready to in-
stall, \$4.95, stripped of
metal, new handguards, set of
both complete with metal, \$2.50—
Buy a matched set and save all three
pieces \$6.95 (Write wants for other Garand parts).

**MARLIN Model '92, '97
& '94 Rifle stocks, new,
shotguns type butt, ready
to install, \$5.95 ppd.**

U. S. CARBINE STOCKS

brand new, complete with
new recoil plate butt plate, screws,
front band spring, \$1.95. Same, less metal
parts, \$3.95. Very light color stocks, finish
sanded but not stained dark, same prices. (state if
issue stained finish or light unstained finish
is desired). Write wants for other carbine parts.

CARBINE STOCKS, FULLY INLETTED
and contour shaped but unvarnished and unfinished
and, for building your own custom shaped stock,
less metal, **\$1.95**, w/metal parts, **\$2.95**.

★ Satisfaction Always Guaranteed—No COD's ★
NUMRICH ARMS CO., WEST HURLEY 3, N. Y.

NOW YOU CAN CALL COYOTES! BOBCATS! FOXES!



It's easy...

GUARANTEED TO WORK!

ONLY
\$2.95
POSTPAID

WITH FAMOUS PIED PIPER CALL

Amazing new PIED PIPER CALL brings 'em in close! Imitates rabbit's distress scream... brings up foxes, coyotes, bobcats and wolves. Effective over a mile distance, works day or night—any season! PROVED IN ALL PARTS OF U. S. Usually brings game within shotgun range!

"... got my first fox within no more than one minute at not over 20 yards. You have the darndest call I ever hope to use..."
Edward M. Meek, Rock Port, Mo.

FREE
BOOKLET

GET IN ON THE FUN NOW! Order a PIED PIPER from this ad, start enjoying exciting hunts in your favorite locale, as thousands of other sportsmen are doing. Call is easy to blow, simple to use, clear instructions supplied.

DEALER
INQUIRIES
INVITED

ORDER
TODAY

A.L. LINDSEY

BOX 543-GU — BROWNWOOD, TEXAS

GENUINE U.S. SIGNAL CORPS TELEPHONES AND COMMUNICATION WIRE!

EASY TO INSTALL TELEPHONE SYSTEMS.



TARGET RANGE TWO-WAY TELEPHONES!

Home - ranch - industrial. String wire, connect to phones, ring and talk up to 20 miles. Perfect performance—battle-field proven.

Kellogg Mag.—5 Bar Wall Phone with handset. Each... \$22.50

per pair... \$42.50

EES Field Phones—Used—Completely checked out. Each... \$15.00

Per Pair... \$29.50

BRAND NEW
KELLOGG
TELEPHONES

INSULATORS! Brand new, porcelain, 2 groove, screw type. 2 5/16" high x 1 1/4" dia., 3". SPECIAL—boxes of 75 \$3.95

ALL WEATHER — ALL PURPOSE WIRE

NEW SURPLUS—JUST RELEASED
On original factory steel reels. For communications, blasting, inter-com. Hundreds of other uses.

W110B 18 ga. 2-conductor insulated copper-steel conductors. Unused, like new, 1 mile reels (5,280 ft.) \$17.50

1/2 mile reels (2,640 ft.) \$10.00

Other wire and phones not listed. WRITE FOR FREE FOLDER.

BRAND NEW Latest Signal Corps Field Wire WD15-2 conductor insulated heavy plastic-vinyl 1/2 mile reels... \$20.95

LORIS SALES P.O. Box 1896-G11, Sacramento, California

Send check or m.o.—no c.o.d.'s— all prices f.o.b. — Sacramento — California Buyers add 3% Tax.

Specialists in SMITH & WESSON REVOLVERS

For Sportsmen Who
Appreciate the Finest
Craftsmanship in Guns

Our EXCLUSIVE stock of Smith and Wesson revolvers includes HARD TO GET merchandise of superior quality; guns you treasure for your own collection.

* CHOICE FACTORY ENGRAVED MODELS

We carry a full line of individual factory engraved S&W revolvers:

- IN THE MOST DESIRABLE CALIBRES, BARREL LENGTHS, FINISHES
- EACH GUN ENGRAVED BY AN S&W EXPERT—TO YOUR SPECIFICATIONS
- NO TWO ALIKE—EXCEPT MATCHED PAIRS

* S&W CUSTOM MADE REVOLVERS

We specialize in S&W revolvers with special gold plating, custom finish bright blue and combination blue and nickel. Guns fitted with S&W's over-sized stocks made from the rarest of fine, imported woods.

THESE GEM-LIKE SPECIMENS KNOW NO EQUAL!

IF IT'S CUSTOM-ENGRAVED-STANDARD YOU WANT, WRITE US TODAY!

We Invite Your Visit to Our New Showroom!



REX FIREARMS CO. INC.

137 EAST 57th ST.
AT LEXINGTON AVE.
NEW YORK 22, N. Y.

INSIDE A SCOPE

(Continued from page 31)

scopes, with a small dot placed at the junction. These dots form a perfect circle and can be seen in poor light more readily than the crossing of ordinary hairs. They are small enough so that important aiming details are not blocked out, and large enough so that the eye instantly sees them and is ready to aim and shoot. Double dots have been installed occasionally giving two ranges instead of just one.

Many beginning hunters seem to think that a scope sight is only a rear sight, and that its prime purpose is to magnify the front sight! The reason why only one sight needs to be used may seem a little mysterious, but think for a minute on the principles of optics, and you'll see the reason why. A scope is not just a single see-through gadget like a rear peep sight. From front objective lens to rear eyepiece lens, the scope is a tube, through which a whole bundle of light is passing. The tolerances of manufacture inside a scope are measured pretty finely, much finer than metal work on two ordinary sights placed maybe 25 inches apart on a hunting rifle.

A scope actually is "two sights," for the whole optical affair is based on the fact that the light from the target will pass through the exact center of the objective lens, and after being flipped six ways to Sunday, come out the back eyepiece lens, still exactly on center. Although the distance from lens to lens may be only eight to twelve inches as the light travels (Boone "Gunsopes" and other scopes like binocular halves actually pass the light a far greater distance than their compact length), the fine tolerances and large magnification make it a very effective "set of sights" just like a front and rear sight on a rifle.

If you ran a tube from front to rear sight, you'd duplicate in a sense the sighting construction of a rifle scope. When the reticule is so placed as to cut that inner line of sight, and move above, below, or to either side of it, you're doing no more than shift the aperture on your ordinary micrometer click rear sight, though it's in a different position for optical reasons.

Most scopes now have both windage and elevation adjustments built into the side of the tube, so that the reticule is shifted while the scope tube stays fixed. Target scopes on the other hand can be more finely adjusted if the changes are made in the mount. The micrometer adjusting parts to the target scope mounts work like ordinary sight adjustments, mostly in clicks which shift the scope tube 1/4 minute of angle with respect to the line of bore. At 100 yards this moves the bullet 1/4 of an inch on the target, since 1 minute equals 1 inch for each 100 yards of range.

While highly accurate target scopes are pretty long—some 20 inches or more, a scope constructed on our simple three-lens system would be extremely long, since an erecting lens requires a minimum of four times its focal length distance to invert an image. Even if a short focal length lens was used, the lens system would be far too long to fit a hunting scope, and this type of system would not give the clear view or "resolution" of a fine scope.

Another difficulty with our simple three-lens system is that no corrections have been

made for the distortions that occur when light passes through the lens. While there are seven types of distortion one of the most important which radically affects scope design is color distortion or "chromatic aberration."

When white light passes through a triangular prism, it is broken up into the many colors which compose it, the visible "spectrum." In passing through a lens this occurs as the different colors that make up white light are each bent to a different degree. "Achromatic" lenses are used to correct this color distortion, which may be seen in a poor lens as a rim of color around the lens.

Each achromat is made of two pieces of glass, usually a piece of crown glass and one of flint glass. Each half of the lens is a completed simple lens, ground to exact shape and highly polished. Cemented together with a colorless adhesive, it makes a compound lens. Usually four out of the five lenses in rifle scopes are achromats, which automatically correct chromatic distortion occurring in the fifth lens so that the final image is distortion-free.

A typical hunting scope is the 4X model, Bushnell "Scopemaster" with internal adjustments. Not all scopes have internal adjustments even in the hunting field—the Bausch & Lomb, Leupold "Pioneer" line, and Stith Master models require mounts with adjustments such as the Stith mounts, the Miller Kodiak Dreamount, Fischer adjustable mount, and some others. The new Weatherby Imperial is based on ordinary scope principles but has the windage and elevation knobs placed right in line on top (or side if you prefer). While this is advantageous to a left-handed shooter, its principal value is in giving a distinctive appearance to the Weatherby scope making it attractive and streamlined.

The lenses in the Bushnell are cemented achromats, one serving for the objective lens. The inverted image is formed exactly where the crosshairs are located in the reticule. Further up the tube are two cemented achromats very close together. Since only a small area of the erecting lens, right in the center, is used for light transmission, the obvious move is to make the erecting lens smaller than the objective lens. That is what has been done, and the use of two lenses reduces the distance required for inverting the image so that the scope can be short.

At the right end of the scope is the eyepiece lens system, a cemented achromat and a simple lens. The achromat makes the corrections for the final lens so that the image comes out clear. Other aberrations are also compensated for in the design of the scope, by altering the shape and location of the lenses slightly.

The elevating and windage adjustments can be seen at the scope tube middle, where the cross-hair reticule is moved as the shooter wishes to change his aim for windage or for range. The ring is pushed firmly against the adjusting screws by a powerful spring acting diagonally. Backing off one screw moves the reticule in the direction of that screw—tightening it up, shifts the reticule in the other direction.

On well-made scopes the full diameter of the objective lens is used for light transmission. The light leaving the scope, however, is much narrower a beam. Called the

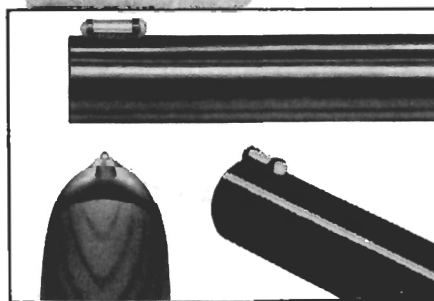
ITHACA

BOMBSHELLS for '55

ALL NEW...

LOWER PRICES!!!

ITHACA
FRONT SIGHT
On All 1955 Ithacas



Send 10c for big
booklet on
shooting tips and
FEATHERLIGHT
information.

New for 1955! Features the amazing new Ithaca Front Sight, Big Beavertail Forearm, Handcheckered Stock, Pistol Gripcap, Exclusive Bottom-Ejection, Left-handed safety if wanted — A whale of a lot of gun for game or target shooting, all for only \$92.95! A really DELUXE gun, the Ithaca Model 37 Deluxe.

The famous Model 37 Featherlight Repeater is now only \$85.95. Other models up to \$2,000.00. The only bottom-ejection shotguns on the market. Protects the shooter and the gun. Ask your Dealer to show you the brand new 1955 Ithaca line.

NEW MODEL
37 DELUXE!!!

NEW—

Ithaca Front Sight!

Furnished without extra

charge on all new 1955 Ithaca Guns. First major change in a shotgun front sight in our three-quarters of a century of gunmaking! Scientific light-gathering action gives glowing dot under any outdoor lighting conditions, dawn, dusk, overcast, rain, fog, dark woods, snow, moonlight, etc. Phenomenal gun pointing! Improves any man's shooting.

Since 1880

ITHACA GUN CO. Inc.

Box 53, Ithaca, N. Y.



LEE DOT THE ORIGINAL

LEE DOT reticules now use only Black Widow spider silk for cross hairs. Many years have been spent cross breeding and countless experiments in food formula to develop the present product which is unequalled in fineness, strength and uniformity. Nineteen years experience. Master craftsmen with genuine pride in this product, make Lee Dot the leader. Chosen on merit as factory equipment in Bausch & Lomb, Lyman, Unertl, Fecker, Stith Bear Cubs, Weatherby and Bushnell scopes. More Lee Dots are made than all others combined. It holds the bench rest and target records and is used on any game in the world from ground squirrels to lions and tigers! Don't be misled into buying something "just as good"—get the genuine. Send for literature, price lists. Your dealer or direct prompt service.

T. K. LEE Post Office Box 2123, Dept. G
BIRMINGHAM, ALABAMA

SPECIAL!



SPARKLING, NEW SLICK MAGAZINE—published bi-monthly and devoted exclusively to TRUE stories about the Old West. Articles by top authorities with plenty of action photos—all about the old west! Bad men, lost mines, buried treasure, range wars, Indian fights, outlaws, ghost towns, trail drives, gold-rush, cowboys and ranch life. It's the real thing!

SPECIAL "GET-ACQUAINTED" OFFER: Your opportunity to try TRUE WEST "on trial."

Send \$3 for 2 years, or SPECIAL 4 years for \$5, to:

TRUE WEST • P. O. Box 5008-G • Austin 31, Texas

Write Now BIG NEW SHOOTERS CATALOG

rifles . . . shotguns . . . handguns . . .
ammunition . . . scopes and mounts . . .
rifle, pistol, and shotshell reloading tools
. . . powders, bullets, etc. . . . hunting
clothing . . . camping equipment . . . gun
cases . . . holsters.

LATEST COMPLETE FACTORY BALLISTIC TABLES

Kunkels' brand NEW 1956 catalog is jammed with the latest, the best, and the most popular items for all sportsmen and all dealers! We guarantee complete satisfaction with every purchase (or your money back)!

Please send 25c in coin or stamps to cover mailing and handling.

DEALERS

Write on your letterhead for FREE COPY and profitable dealer proposition.



KUNKELS

SINCE 1870... SPORTING GOODS DISTRIBUTORS
DAVENPORT, IOWA



Paratrooper Knife (Fallschirmjäger)

Specially designed knife for the German paratrooper, W.W. II. A rare souvenir and excellent hunting knife. Originally designed for use as an infighting weapon and to cut parachute shroods.

\$3.95 EACH
POST PAID



All metal.

Cadmus Industries

54 CRAFT BLDG. . . 5880 HOLLYWOOD BLVD. . . HOLLYWOOD 28, CALIF.

parachute shroods, it requires just one hand to open and close. When thumb presses lever forward the Solingen stainless steel blade slides smoothly out (or in). Designed for Russian winter front and Africa. 9 1/2" overall. Brand new. Send check or M.O. Calif. resid. add 3% state tax. Sorry, no C.O.D.'s.

LEARN GUNSMITHING

Great opportunities—Operate YOUR OWN SHOP! Learn easily with Country's most complete elementary and advanced course. Approved for Korean Vets; low tuition. Write

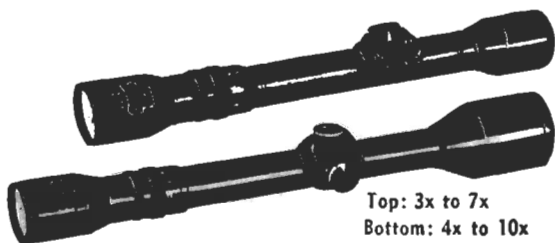
PENNA. GUNSMITH SCHOOL
1000C Western Ave. Pittsburgh 33, Penna.

INVENTORS

Send for
PATENT INFORMATION
Book and
INVENTOR'S RECORD
without obligation
GUSTAVE MILLER
1050 Warner Building
Washington 4, D. C.

REGISTERED PATENT
ATTORNEY
ASSOCIATE EXAMINER
U.S. Pat. Off. 1922-1929
Patent Attorney & Advisor
U.S. Navy Dept. 1930-1947
PATENT LAWYER

PECAR / BERLIN Vari-Powered Scopes



Top: 3x to 7x
Bottom: 4x to 10x

Two new great scopes to give the American shooters the finest in German optics and workmanship.

The only vari-powered scopes in which it is possible for the shooter to have the correct size reticle for the power desired.

Nils O. Hultgren, Los Angeles, custom stockmaker: "The Pecar is a fine scope, my customers are real gun nuts and in my sample scopes I have a Pecar Scope. Their choice is usually the Pecar."

Pecar/Berlin binoculars will soon be ready for delivery. Ask your dealer to show you the Pecar Scope. Free Literature.

Charles W. Leavell Sumter, South Carolina

Other Pecar Scopes	
2 3/4 x 64	52.00
4 x 81	58.00
6 x 59	60.00
8 x 43	85.00

Pecar Vari-Powered Scopes

3x to 7x	95.00
4x to 10x	100.00

Authorized Jobber
Inquiries Invited

Kriegerhoff Drawings: In 18 or 16 gauge with any caliber rifle, engravings and monograms. Send 15 cents for literature and prices Kriegerhoff Agency's open.

"exit pupil," this imaginary spot to the rear of the eyepiece lens is where the eye must be located to look through the scope, and the width of the column of light at this point is much narrower than the beam entering the objective. The larger this exit pupil is, the better the scope, for a small exit pupil means that the scope will be difficult to look through.

A low power scope has a large exit pupil, which causes the "picture" to seem as big as the scope. As you throw the rifle rapidly to your shoulder, the eye finds the line of sight easily. Higher powered target scopes have small exit pupils, requiring more time to align the eye properly.

For powerful rifles the sharp exit pupil image should be at least three inches from the rear of the scope, or you may get socked one when the entire gun and scope kicks back in recoil. A target scope, being held in a sliding mount, automatically "moves away" from the eye in firing as the rifle kicks back and the scope inertia holds it still.

At a position popularly called "eye relief," this exit pupil is worth knowing about before you buy a scope. Mathematically it may be found by dividing the clear opening of the objective lens, called the "entrance pupil," by the magnification of the scope.

The actual exit pupil can be seen very easily by holding a piece of thin paper behind the eyepiece lens, with the scope pointed at a bright object such as a light or a cloud. Move the paper back and forth until the sharpest, most distinct image is obtained and sketch the image on the paper. The sharpest image is located at the narrow point or exit pupil, and this diameter is usually measured in millimeters since all optical work is calculated on the metric system.

Your scope's power or magnification can easily be measured by checking it against a brick wall, both eyes open. The number of actual bricks seen with your unaided eye as compared to the width or height of one brick in the scope, gives a fair indication of the power.

Relative brightness is also an important standard of comparison among scopes, and it is also affected by the magnification. ©

CORRECTION

In the September issue "The Finest Colt Ever Made" story was incorrectly credited to Torsten Lenk of the Royal Armory in Stockholm. Mr. Lenk supplied the illustrations and a copy of the Journal of the Royal Armory in which his original story on these Colt revolvers appeared. The story was rewritten for clarity but Mr. Lenk has asked that we state he did not write that story as it appeared.

FRENCH WALNUT

ALSO INLETED BLANKS
ROY VAIL WARWICK, NEW YORK

GUN PARTS

Thousands of Parts in Stock.
Send for 1955 Illustrated Catalog. — \$1.00
WE ALSO BUY GUNS FOR CASH
SHELLEY BRAVERMAN
207-G East 31 Street, New York 16, N. Y.



Milt Klein says: "We have slashed prices during Klein's 71st Annual Sale of Brand New, First Quality Guns! Quantities are strictly limited! Order early and Save!"

ITHACA

**"FEATHERLIGHT"
MODEL 37
PUMP GUN
12, 16 or 20 GA.**

Regular Price

~~\$91.16~~

Only 5 3/4 lbs. in 20 Gauge
Only 6 lbs. in 16 Gauge
Only 6 1/2 lbs. in 12 Gauge

WORLD RECORD: 1,404 TARGETS WITHOUT A MISS WITH AN ITHACA GUN!

- Select Walnut Stock with Hand Checkered Full Pistol Grip • Featherlight!
- World's Finest Pump Gun • Brand New Finest 1954 Model • First Quality
- Limited Supply • Safe Bottom Ejection • 5 Shots • 3 Shell Plug Furnished

Unconditional Money Back Guarantee!

PAY ONLY 10% DOWN



You Save At Least \$21.21!

Now you can have the world's finest repeater for much less than the price of an ordinary shotgun. Only a very special purchase of latest 1954 models makes this terrific value possible. You will take pride in owning a famous Ithaca Model 37 "Featherlight." The custom workmanship, easy handling and deadly accuracy will be yours to enjoy for life. The lightweight of this great Ithaca Pump as compared with other repeaters of the same and even smaller gauges make it extremely popular for use in the field where a heavy gun is burdensome. **FEATURES:** 5 shot, quick takedown, short fore-end stroke, engraved receiver, selected Walnut stock with hand checkered full pistol grip. State choice of 12, 16 or 20 Gauge. Also your first and second choice of barrel length and choke. If Poly Choke is desired, 28" or 28 1/2" overall length is recommended. Add \$2.00 for Left Hand Safety. If wanted. Bottom ejection protects your face from brass, burned powder or pump rams. The Sighting Dome raises the line of sight above confusion with absolute guaranteed accuracy. Overall length 49 inches. Tubular magazine contained within fore-end—you cannot have clip problems with this style positive feed. 28 inch barrel Chambered for 230 shells. Proof tested. Rubber recoil pad and fluted comb. Weight approximately 7 1/4 lbs. Safety: Side, thumb operated. **ITHACA 37, with standard Poly Choke installed. \$82.95**
Certified \$91.16 Value, SALE PRICE..... **\$69.95** Certified \$108.11 Value..... **\$82.95**

Ithaca Model 37 with Ventilated Poly Choke. Installed—Any Barrel Length. Certified \$111.11 Value **\$85.95**

Milt Klein Says: "I'll Swap Guns or Pay Cash"

IT'S SIMPLE TO SWAP OR SELL YOUR GUN—Your Shotgun, Handgun or Rifle can be traded in on a brand new gun or any sports item in our huge stock of nationally advertised brands—or we'll buy it for cash! 1) Write us the make, model and complete description of your gun. 2) Tell us whether you want to Swap, or Sell for Cash. 3) If you want to swap, tell us the gun or other articles you want, and the amount you want for the gun. 4) Enclose a large postpaid reply envelope—we will answer promptly with all details. Our Easy Credit plan is open to all gun traders.

POLY CHOKE ON YOUR SHOTGUN—48 HR. SERVICE!
Ventilated POLY CHOKE. Standard POLY CHOKE. Installed by **KLEIN'S EXPERTS \$19.95** | **KLEIN'S EXPERTS \$16.95**
Write for Free Barrel Carton, Booklet, etc.

Harrington & Richardson "GAMESTER SPECIAL" MODEL 348

REGULAR PRICE ~~\$31.95~~

There is No Better Bolt Action Shotgun Made—At Any Price!

Pay Only 10% Down



Certified \$31.95 Value

12 or 16 Gauge—Tubular Magazine—3 Shot Bolt Action Repeating Shotgun

EXCLUSIVE NEW MULNO SIGHTING DOME for Superior Accuracy!

Designed by H & R to fill the demand for a Deluxe Bolt Action Shotgun! Its features include a new style Monte Carlo hand rubbed, oil finished, walnut stock with modified beavertail fore-end. Mulno sighting dome is an H & R exclusive feature that assures the shooter the same superior accuracy of expensive double or pump guns. The Sighting Dome raises the line of sight above confusion with absolute guaranteed accuracy. Overall length 49 inches. Tubular magazine contained within fore-end—you cannot have clip problems with this style positive feed. 28 inch barrel Chambered for 230 shells. Proof tested. Rubber recoil pad and fluted comb. Weight approximately 7 1/4 lbs. Safety: Side, thumb operated. **Certified \$31.95 Value, 12 or 16 Gauge. Quantity Limited. KLEIN'S SALE PRICE..... \$24.88**
Send \$5.95 for \$12.00 Value case to fit your new gun! See description at bottom of Ad.

RUGER SINGLE-SIX REVOLVER—PROMPT DELIVERY!

22 long rifle, 6 shots, 5 1/4" barrel. Weight 35 ounces. 10 3/4" overall. Blued. **\$63.25**
Ruger "Blackhawk" .357 Magnum Single-Action Revolver—this model will be scarce for awhile..... **\$87.50**
Ruger 22 Automatic (standard) Amazing value. 22 long rifle, 4 3/4" or 6" barrel. **\$37.50**
Ruger 22 Automatic (Target) Amazing value. 22 long rifle, 5 1/4" or 6 1/4" barrel..... **\$57.50**
Add \$3.45 for finest leather holster for any hand-gun.

CLOSEOUT! "922" H&R "CAMPER" 22-9 shot Revolver

Save plenty for a limited time only on this brand new edition of the famous Model "922." The "Camper" is the ideal for the outdoorsman who wants a medium size, medium weight handgun. 4" Barrel, Blued, 9 shot, all 22 cal. Use single or double action. Weight 21 oz. **SALE PRICE Below Wholesale!.... \$23.99**

SCOOP! BELGIAN 10 GA. MAGNUM "J. SAIVE" DOUBLE BARREL SHOTGUN. 32" full choke barrels. Quality equal to \$300.00 Magnum! Supply limited. Brand New! First Quality! \$189.95

SHOTGUN OR RIFLE CASE

Leave it to Milt Klein to bring you the greatest value ever in a fine quality \$12.00 Certified Value Shotgun or Rifle Gun Case—at the amazing low price of only \$5.95 each! These finest full length gun cases are made from tough durable scuff-proof simulated lizard, Du Pont Lamtex lining, Zipper Fastener, extra strong stitching for years of hard use! Exclusive: Built-in Zipper Accessory pocket for cleaning rod outfit, etc. 44" to 52". State choice of overall length. Add \$2.00 for extra-large case to take scope mounted rifles. **\$12.00 Value \$5.95**

You can save on any Fishing Tackle, Camping Supplies, Guns, Scopes or Binoculars. Write for Milt Klein's Rock Bottom Prices!

Whether you want to buy one or a hundred of anything for yourself, for Christmas Gifts, Premiums, Incentive Gifts—you can save if you write Milt Klein and let us know what you want to buy—special quantity discounts on all sports equipment. Klein's selection of finest new Hand-guns, Rifles, Shotguns, Scopes, Binoculars, Fishing Tackle, etc., is most complete!

SIX MONTHS TO PAY AFTER 30 DAYS FREE TRIAL

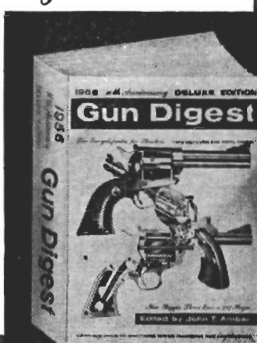
You Be The Judge!

"The All New, 10th Anniversary 1956 GUN DIGEST is the FINEST GUN BOOK you've ever read. If you don't agree, I'll give you your \$2.50 back!"

John T. Amber

THE GUN DIGEST is bigger and better than ever before! Every firearms enthusiast, hunter, target shooter, collector will experience sheer delight in the new 1956 Gun Digest. An even 30 contributors, all famed gun experts like Askins, Hatcher, Whelen and many others, have really outdone themselves to produce 37 of the most interesting original articles and 15 separate departments on gun and shooting subjects you've ever read. You'll become a gun expert just from reading their great stuff! And I've certainly had wonderful cooperation from the world's gun-makers who have gone all out to release to me in advance the specifications, prices and pictures of their newly designed rifles, shotguns and handguns, as well as scopes and accessories. THE GUN DIGEST is jam packed with illustrations, technical specifications and ballistics. 292 giant pages—8 1/2"x11" and only \$2.50 ppd. Now AT ALL LEADING SPORTS, BOOK AND DEPARTMENT STORES—Or Order by Mail from THE GUN DIGEST CO., Publishers, Dept. G, Chicago 6, Ill.

"His Honor" John T. Amber, Editor of The Gun Digest, noted gun collector and authority on modern and antique firearms and shooting!





Weller GUN CLEANING ACCESSORIES

GUN CLEANING Kit

DeLuxe

Extra strong fiber box. Contains
Cleaning Rod, Gun Oil, Solvent,
Cloth Patches, Wire Brush.

Quality



CLEANING RODS

Shotgun Cleaning Rods made of Duralumin, red plastic handle. Rifle and Pistol Rods made of Steel, ball bearing handles.

**STOCK OUR
ENTIRE LINE!**

GUN OIL
SOLVENT
BRUSHES
CLOTH PATCHES
YARN SWABS

NATIONALLY ADVERTISED
Write for Free Literature

ERWIN WELLER CO.

SIOUX CITY 5, IOWA U. S. A.

Save 60% *Britain's
Finest Revolver!*

**Famous
WEBLEY
"COMBAT MODEL"**

ONLY \$12.95 .455 Cal.

Used by "Tom-mies" in Korea! Only British Revolver now available. That fires double or single action! Amazingly accurate, dependable. Powerful—could stop a charging grizzly. Splendid for home, business protection; "second gun" on hunting trips. Low cost ammo permits inexpensive "Big-Bore" plinking. America's finest revolver value! Order now—not many left!

Break-top design. Barrel 4". Over all 9 1/2". Wt. 37 oz. Holds 6 shots. .455 cal. *Good condition \$12.95; Very good, \$14.95. Converted to .45 ACP Cal. Half-moon clips incl. \$16.95.

10 Day Money Back Guarantee! GUN & AMMO SHIPPED EXP. CHGS. COLLECT SAME DAY ORDER RECEIVED! (\$3 dep. required on C.O.D.'s)

DEALER INQUIRIES INVITED

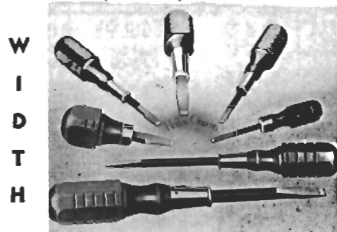
WINFIELD Arms Corp.
Dept. QW-11, 1008 S. Olive, L.A. 15, Calif.

AMMO

.455 265 gr 100 rds. \$6.50
.45 ACP. 230 gr. 100 rds \$6.00. .45 Cal Long. 250 gr. 100 rds, \$6.90

NOTE: Enclosed statement: "I am not an alien, have never been convicted of crime of violence, am not under indictment or a fugitive. I am 21 or over."

HOLLOW GROUND SCREWDRIVERS



For Gunsmiths—To Fit Gun Screws
A set of 7 Spring Steel Screwdrivers, accurately hollow (or straight) ground, to fit sight screws, guard screws, floorplate, etc. Hand-forged and guaranteed not to twist or chip. Wood handles \$5.50 Post Paid. Special DeLuxe Set with Pyrolyn Handles and Chrome Bits (Presentation Set) \$12.50

REGULAR SCREWDRIVERS
9 REGULAR Screwdrivers (NOT HOLLOW GROUND). Blades 1/4" x 2 to 5/16 x 10". Guaranteed not to twist or chip.
No. R-9 Wood Handles \$ 5.50 P.P.
No. P.R-9 Pyrolyn unbreakable Handles ..\$11.00 P.P.

GUNSMITH PUNCH SET
5 pin punches, one starter punch and one center punch. Mounted in a hardwood block holder. 7 Punches with Holder \$3.50 Post Paid. Send for our Catalog on Gunsmith Hand Tools.
Grace Metal Products, Elk Rapids, Mich.

CAST BULLETS

(Continued from page 35)

After the lubricant has hardened, bullets can be cut from it as required. Simply press the mouth of the case down over the point of the bullet and into the hardened lubricant. As the case fills up with bullets, the lubricated ones will be forced out of the top. Wipe the excess lubricant from the bases by drawing them across a piece of cloth tacked to a board. This is an easy, economical method of lubricating cast bullets and does a good job. When more bullets are to be lubricated, place them in the holes in the lubricant and remelt.

In all medium to high velocity loads the cast bullet base must be protected by a copper cup gas check, slipped over the base of the bullet. It prevents the intense heat generated by the expanding powder gases from fusing the soft lead base. All gas check cast bullets have a smaller diameter step on the base over which the copper cup fits.

The make of gas check seems to have little effect on cast bullet accuracy. Any of the brands on the market perform excellently. Some of these crimp on to the bullet base during sizing. This type is less likely to fly off after the bullet leaves the barrel and is preferred by many handloaders for this reason.

Attaching gas checks is easy. A small block of wood with holes that will just fit the bullet point will prevent deformation while the gas check is being attached. Hold the bullet point down in the hole and place the gas check on the base. Carefully tap it home using a wooden or plastic mallet, being sure to start the copper cup straight, not tipped to one side.

After attaching gas checks, size the cast bullets to the correct diameter for the particular rifle in which they will be used. Individual rifle bores will vary in size and due to this fact molds are cut to throw bullets .005" to .006" oversize. To shoot accurately, cast bullets must be run through a sizing die to reduce the diameter to the proper size.

Cast bullet sizing has a decided effect on accuracy. There are many theories about the

Want to use 1 scope on 2 or 3 rifles? Want to use 2 or 3 scopes on 1 rifle?

• Scope on or Off in seconds, without tools.

• Returns to same zero every time.

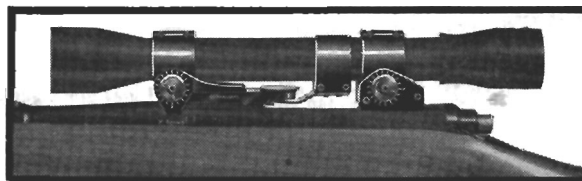
• Elevation and windage in mount.

• Pop-up peep sight in mount.

DEALERS

Want fast, accurate service on great guns and shooter's supplies? Free price list to bona fide dealers.

STITH



MASTER MOUNTS

ARE MADE FOR YOU

STITH MOUNTS

500 G-11 TRANSIT TOWER

SAN ANTONIO, TEXAS

Enfield

Winchester 54, 70
Remington 721-722 30S
Savage 99
Mauser 98, FN, HVA,
Small Ring
Higgins 50
Sako Big Bore
Springfield
Brno Big Bore

**MOUNT COMPLETE
\$27.50**

Bases, per set:
\$21.00

Bands, each \$6.50
FREE FOLDERS
on all Stith mounts.

correct size for any particular caliber. H. Guy Loverin, noted cast bullet designer, prefers bullets several thousandths over bore diameter. His theory is that the larger diameter bullet creates a greater chamber pressure, giving cleaner, more efficient burning of the powder. In many rifles, a cast bullet .002" to .003" larger than the bore diameter will certainly give excellent results.

But in my 30-06 sporter, a cast bullet sized to .308", just .0005" over bore diameter, has always grouped closer than one sized to the conventional .311" with the same load. In my .257 Mauser, a .257" diameter bullet has always shot tighter groups. This is especially true in the higher velocity loads. Using cast bullets of bore diameter has been one of the most important group-tighteners in all of my rifles. My experience has been that the less a cast bullet is sized by the barrel of the rifle, the more accurately it will shoot.

Before sizing bullets for any particular rifle, measure the bore diameter by driving a soft lead slug through the barrel and "miking" it. Then experiment. Try loads with bullets .002" or .003" over bore diameter.

Shoot the same load with bullets sized to bore diameter. Obtain a string of groups with each bullet. Then size your bullets to the diameter that gives the best average groups in your individual rifle.

One of the most important factors in sizing cast bullets is that it must remain concentric throughout the operation. The die should not shave more lead from one side of the bullet than from the other or the bullet will be lopsided and not fly true. And the diameter of a cast bullet should not be reduced more than .003" or .004" at a time. Thus, in sizing .30 caliber bullets, if the final diameter is to be .308" they must be run through a .311" die first and then reduced to the smaller diameter.

Cases require special attention to insure uniform accuracy with cast bullet handloads. Each must be full length resized before it is first loaded with a cast bullet. Subsequent reloadings will then require neck sizing only. Cases that have been used with reduced gas check loads should not be loaded with jacketed bullets for full power loads. Keep these cases separate and use for cast bullets only.

NOW! . . . LOAD ANY TUBULAR .22 RIFLE IN SECONDS WITH THE DAVIS CARTRIDGE DISPENSER



- No more fumbling for shells.
- In cold weather, load gun with gloves on.
- Simple to use. No instructions needed, pictures show how.

**SATISFACTION
GUARANTEED**



Set of 5 loaders in genuine leather case **\$6.00**

Loaders made of rust-proof aluminum tubes for lightweight and years of service . . . each tube holds 10 long rifle cartridges or 12 longs or 15 shorts.

Shipped Postage Paid — No C.O.D.'s

DAVIS DISPENSER CO.
3915 Riverside Dr. Chino, California

Set of 5 loaders in weatherproof plasti-calf case **\$5.00**

CLOSING OUT SALE — BRAND NEW MERCHANDISE

PACIFIC SUPER TOOL, with dies	\$29.97
BELDING & MULL MODEL 28 TOOL, complete	15.60
BELDING & MULL VISIBLE POWER MEASURE	11.60
REDDING NEW MODEL POWDER SCALE	10.50
GRISBY DELUXE CASE TRIMMER	9.67
EASTON TRIPLE XXX RELOADING DIES, set	7.75
PACIFIC or C-H RELOADING DIES, set	10.13
GRISBY RELOADING TOOL, less dies	24.50
C-H RELOADING PRESS, less dies	13.00
EASTON SUPER GIANT PRESS, complete	33.75
SATURN SCOUT SPOTTING SCOPE	20.00
SATURN RANGER SPOTTING SCOPE, 20X	56.00
REMINGTON 760	86.13
COLT OFFICERS MODEL MATCH REVOLVER	65.00
BALSCOPE JR. 40mm SCOPE 20X	33.60
LEUPOLD 4X PIONEER SCOPE	45.15
BOONE 4X GUNSCOPE	32.00
ARGUS C-3 CAMERA with flash and case	51.26
BOONE 2 1/4 GUNSCOPE	25.34
POLAROID HIGHLANDER model 80 CAMERA	58.18
ZESCO No. 33 SPINNING REEL, EQUIPPED	12.90
MITCHELL No. 300 SPINNING REEL	20.00
BEAR CUB 4X	40.00
JAP-MADE 4X SCOPE	21.55
BAUSCH & LOMB Skeet shooting glasses	15.00
MARLIN 39-A Lever action 22 cal. rifle	49.20
Postage extra	
Give second choice if possible — Address:	Supply Strictly limited

WALT OLIVER, Box 55, Auburn, Indiana

You'll Shoot Better With



SHOOTING-MASTER

Whether you're out for Ducks,
Pheasants or a round of skeet—
Shooting-Master Chokes give you
the ultimate in fine performance.

Instantly variable. Ventilated. No BLAST.
Killing patterns from 15 to 50 yards. Short,
compact and good looking. Most modern
of all chokes. \$17.50 installed.

24 hour service. Return postage paid. Write
for free shipping carton and pamphlet, OR
SEND IN YOUR BARREL TODAY FOR THE
WORLD'S FINEST SHOTGUN CHOKE.

THE SHOOTING-MASTER CHAMPION.

12, 16 and 20 ga. only

DEALER AND GUNSMITH INQUIRIES
INVITED

write to

MASTER CHOKES INC.

GARDNER 7, MASSACHUSETTS

GUNS! Catalog 25c
Antique or Modern Guns
Expertly appraised

We Buy - Sell - Trade New or
Used Guns - Gun Parts

BARLOW'S GUN SHOP
Federal Licensed Dealer
5565 S. Howell Ave. Milwaukee 7, Wis.



SPORTSMEN

DELUXE PIGSKIN GUN CASE

Here is a gun case that is hand tailored to fit any gun. Constructed from genuine imported pigskin, processed in this country and colored into Saddle Tan. Extremely tough leather, double nylon stitched, well padded and lined with Hunter Red treated high pile orlon. Full length zipper, two zipper pockets, one for adjustable sling when not in use, other for jointed ramrod compensator, scope, etc. With normal use will last a lifetime. If you are a sportsman who has an appreciation for things beyond the commonplace, write for Illustrated CATALOG-G of many other items suited to the needs of the discriminating sportsman.

ORDER BY MAIL Make of Gun Overall Length

Standard Shotgun, Rifle,
(bolt or otherwise) Price \$25.50
Standard Scope Rifles Price \$26.50

Send for your
FREE copy
of catalog-G
the discrim-
inating
sportsman's
handy
Reference

Check or money order only for \$. . .
enclosed. Sorry no C.O.D.'s
Please rush me Catalog G

Name Please Print
Street
City State

WOOD-LAND SPORTING GOODS

BOX 415 JOHNSTOWN, N. Y.
Manufacturers of Hunting & Fishing Specialties



FAMOUS ENFIELD RIFLES

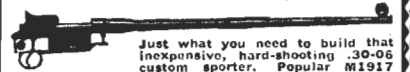


Only \$24.50

Popular P-14 .303 British Caliber. 6-shot repeater; bolt-action, 26" barrel. Developed by the great British Army and manufactured by Winchester, Remington and Eddystone. Very good to excellent. Supply limited.

FAMOUS ENFIELD BARRELLED-ACTION

Chambered for .30-06 — Ready to Stock!



Just what you need to build that inexpensive, hard-shooting .30-06 custom sporter. Popular M1917 Enfield bolt action on a 26" rugged military barrel-manufactured by Winchester, Remington or Eddystone. Very good to excellent. NEW ENFIELD FITTED MILITARY STOCK also available at only 99¢ each.

\$29.50



SPECIAL .22 CALIBER SHORT LEE ENFIELD (S.M.L.E.)

Service Model (similar to .303 Short Service Rifle No. 1). Shoots .22 L.R. Cartridges. Considered the best training rifle ever made. Small quantity originally manufactured. Very Good to Perfect. Only \$24.50 each, while supply lasts.



SPECIAL .22 CAL. FAMOUS B.S.A. MARTINI TARGET RIFLES

(Original — Unaltered). Models 6 and 8 with precision Parker Hale Micrometer Sights. Shoots .22 L.R. Cartridges. Most reliable, sturdy, rapid loading and quiet operation. Very Good to Perfect. (Over \$100.00 Value). Now \$39.50.



.45 and .455 Cal.

S&W and COLT

Very good to perfect—

ONLY \$22.50

"New Service Model", Revolvers. Powerful & accurate.



.455 Caliber
BRITISH WEBLEY Mark VI
Service Model,
6" barrel.

The Official Revolver of the British Forces.

Current issue. Very good to perfect—

ONLY \$14.50

Re-altered to shoot .45 ACP Ammunition—\$2.00 additional.

EACH HANDGUN SUPPLIED WITH A NEW HOLSTER—LIMITED TIME ONLY

AMMUNITION At Lowest Prices!

.30-06 Springfield Ammo at lowest price ever offered—only \$5.50 per 100 rounds. \$42.50 per thousand in metal-lined cases containing 1500 rounds.

.45 ACP—\$4.25 per 100 rounds; case of 1000 rounds \$35.00, while supply lasts.

SPECIAL RELEASE—NEVER OFFERED BEFORE Limited quantity. Genuine Royal North West Mounted Police .45 Commercial Model Colt New Service Revolvers. Each stamped RNWMP. Very good to perfect. Only \$29.50 while they last. SHIPPED DUTY FREE

• Attractive Discounts to Dealers •

INTERNATIONAL FIREARMS CO.

1011 BLEURY ST., MONTREAL 1, QUE.

LARGE SIZE COLOR PRINTS...

3 1/4 x 4 1/2

3 for \$1.

24-Hour COLOR PRINTS

Try us!! Hundreds of re-orders prove our color prints are finest at any price. Why pay more?

Quality 2 1/4 x 3 1/4 5 for \$1.

We do confidential work for Photographers, Adv. Agcy., Artists, etc.

From any size color films. Guaranteed Quality

★ Postpaid ★ 1st-Class Mail

★ CALICHROME ★

P. O. Box 9645-F LOS FELIZ STATION

LOS ANGELES 27, CALIFORNIA

Neck sizing cases for cast bullets is one of the most important operations. It is a waste of time to cast perfect bullets, carefully lubricate and size them and then ruin the whole lot by forcing them into improperly sized case necks. Expanding plugs of the correct diameter for the size of cast bullet must be used.

For best results a case neck should not reduce the diameter of the bullet more than .001". For a cast bullet sized to .311" an expanding plug of .310" or .311" is correct. For one sized to .308" a neck size of .308" will give excellent accuracy. The closer the neck diameter of the case is to the diameter of the bullet, the less chance there is for any bullet deformation when it is seated.

The best accuracy will be obtained from cases that have been neck sized only and then just to the seating depth of the bullet. Leaving about 1/16" of the neck unsized will force the chamber to hold the cartridge concentric with the bore, insuring an accurate delivery of the bullet to the rifling.

Another operation that will help tighten groups is cleaning the inside of the necks with steel wool to remove fouling and give a uniform tension on all sides of the bullet.

Bullet seating depth will also affect cast bullet accuracy. Here again experimentation

is necessary. A good place to start is with the bullet seated so that it just touches the lands with the cartridge chambered. This seating depth with most loads and bullets will give excellent accuracy. Cast bullets, however, are peculiar and sometimes shoot more accurately with some powder charges when seated so that the bullet base is flush with the bottom of the neck. Once the seating depth for a particular load has been determined make up a dummy cartridge to be used to adjust the seating die for any future loads.

Excellent cast bullet handloads can be worked up with any of the powders. The quick burning types like Unique, #2400, #4759, #4227, and #4198 usually work better in low velocity light bullet loads. The slow burning powders give better results used with heavy bullets at long ranges.

Most cast bullet handloaders, however, are looking for economy in practice loads. For this reason #4895 Gov't powder at \$0.90 to \$1.00 per pound is one of the best bets. It is adaptable to almost any caliber except small capacity cases but sometimes a booster charge of 1 to 2 grains of Bullseye or DuPont #5 pistol powder is necessary to give clean burning of the main powder charge. Powder charges can be weighed out on the scales, yet I find that the Belding and Mull powder measure gives me as consistent accuracy as the weighed charges. I use the scales to check about every tenth measured charge, simply as a safety precaution.

Cast bullet hand loads are temperamental but once accuracy has been attained a lot of economical shooting is to be had that will teach you all there is to know. ©

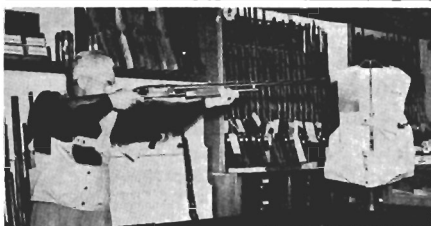
RELOADERS

New England Headquarters for Equipment—Components

UNDERWOOD'S

Post Road

Shrewsbury, Mass.



Here is Good news for the blue rock shooter. You can now own one of these smartly tailored trap and skeet vests when you purchase through your club for \$4.95. This vest is well designed and equal to anything on the market selling for \$6.50 or more.

\$9.00 VALUE — GET IT THROUGH YOUR GUN CLUB FOR ONLY \$4.95

C. R. SPECIALTY COMPANY

THE HANDLOADERS PARADISE

ARMS

1409 WALNUT STREET

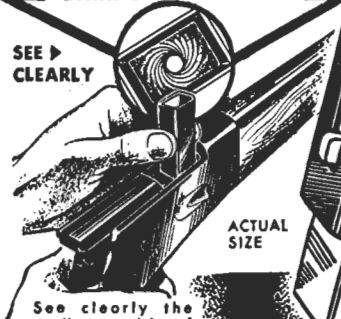
• AMMUNITION

• ACCESSORIES

KANSAS CITY, MISSOURI

Instant-Accurate BORESIGHTING BARREL INSPECTION

SEE CLEARLY



ACTUAL SIZE

See clearly the smallest particle of dirt, scar or blemish in the bore.

UNIVERSAL PRISMATIC BORESCOPE

One Size Fits All Firearms

- REVOLVERS • AUTOMATICS
- ALL TYPES OF RIFLES
- ALL TYPES OF SHOTGUNS

Carry in your pocket for instant use. Every Sportsman and Gunsmith should have one

\$2.85

At your Dealer or order direct

Manufactured by

J. G. MUNDY

1008 MacDADE BLVD. • COLLINGDALE, PA.

GAS SHOTGUN

(Continued from page 44)

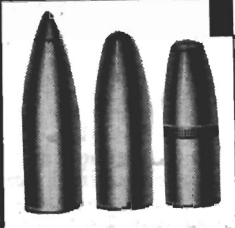
shoots loose after a few years if it is one of the demountable kind.

I have had trombone jobs that finally got so they wagged like a Llewelyn's tail. This mail-order prize will never do that. It will remain rigid and strong through all its life. The gas system dictated that it be built thusly. When it comes to cleaning one of these non-takeapart numbers it is a damned nuisance, and especially when the cleaning patch has got to pass through a variable choke gadget to reach the bore.

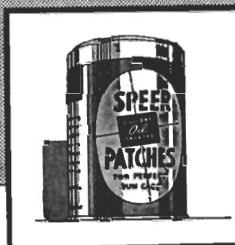
The receiver—heart of any firearm—is the most handsome feature of the Model 60. It is sleek, rakish, flowing, and sufficiently long to place the trigger far enough back where the gunner with short arms and stubby fingers will have no trouble reaching it. Too, it is not so abruptly curved that difficulty is experienced in looking over the rump end. And finally it carries a highly polished and most appealing blue job. This lustre gives the weapon a rich and appealing appearance that adds immeasurably to its good looks.

There are no screws in the receiver. The trigger group is held in place by a couple of pins, that may be pushed out with a brass drift.

The stock is American walnut, not pretty, not homely. There is the usual cheap checkering on the full pistol grip; the fore stock is similarly decorated. The work looks like it was done with a slightly rusty can opener. Measurements of the stock are entirely standard, i.e. 14"x1½"x2½".



SPEER HANDLOADERS Manual



AT YOUR DEALERS
OR WRITE DIRECT..

ALL 3 TOPS

1 43 DIFFERENT BULLETS — Accepted Everywhere for Dependable Performance. Many popular types: spitzer soft point, round nose, flat nose cannellured for game, varmint or target. Tops for accuracy . . flat trajectory . . and reliable expansion. 'Tops' with sportsmen all over the world.

2 FIRST EDITION . . AND ALREADY IT'S 'TOPS' — Contains the EXACTING information every handloader has asked for . . an invaluable reference book . . fully illustrated handloading instructions . . over 1650 actual chronographed loads . . covers 37 different cartridges . . ballistic tables and loading data . . yours for just \$2.00.

3 FOR PERFECT GUN CARE — SPEER PATCHES ARE 'TOPS' . . . NEW special silicone oil treated . . prevents rust and bore corrosion . . lubricates for smooth operation . . protects exterior gun surfaces . . effective at all temperatures and will not evaporate. Rifle sizes: .22 — .270 and .270 — .35 Cal.

SPEER PRODUCTS COMPANY
LEWISTON, IDAHO

NAME YOUR POISON, PARD

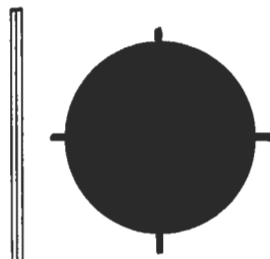
YOU NAME IT; WE'LL MAKE IT!!

THE OLD TIME FRONTIER BARTENDER MIGHT ASK YOU TO NAME YOUR POISON, PARD! . . . BUT CHANCES ARE HE COULD SERVE ONLY BOURBON AND BEER . . . AND WARM BEER AT THAT! But when PREMIER RETICLES says name your reticle, pard, we really mean it. Whether your fancy leans towards standard cross-lines, extra-fine cross-lines, a tapered post, the superb PREMIER DOT, or a fancy range-finding reticle, PREMIER can custom-manufacture it to your exact specifications, then skillfully install it in your rifle 'scope . . . and at a price competitive with inferior mass-produced reticles! And with a life-time Guarantee!!!

BENCH-REST SHOOTERS . . . The trend is to dots! And PREMIER can supply dots as small as 1/8 minute for use in your High-Power 'scopes.



CONVENTIONAL DOT



PREMIER DOT

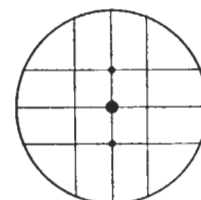
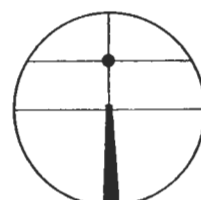
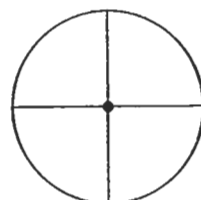
FREE: You can get the full dope on standard and custom-made PREMIER Reticles from our new 3-color, 4-page brochure . . . prices . . . ordering information . . . tells how to choose a reticle . . . how to estimate range. For the TRUTH ABOUT DOTS, write for your copy:

PREMIER RETICLES

Dept. GM-2

8402 Fenton Street, Silver Spring, Maryland

3401 S. E. Belmont Street, Portland 15, Oregon



SIMS "SPORTSMAN" FOLDING CAMPSTOVE



**"Proved in the
Big Game Country"**

WOODBURNING, it provides heat for comfort and ample space for cooking. Compact, light, sturdy. Clean & convenient to carry by pack animal, car or canoe. Price complete, pipe, table, case, \$26 plus postage Wt. 30#
Reflector Oven \$9 plus postage Wt. 8#

SIMS STOVES

Montana & 8th Lovell, Wyoming
(Clip this ad to your order and get a \$2 spark arrester for FREE!)

ALL NEW SPEC C-55 SERIES

CHECKERING TOOLS WITH 23 CUTTING HEADS, 3 HANDLE STYLES, REAR VISION AND ADVANCED CUTTING DESIGN.



This is a new concept in cutter design and has proved to be the smoothest and fastest cutting checkering tool. The unique spring-pin positioning ends loose cutting heads and makes replacement simple. Insist on GUNLINE TOOLS.

ORDER TODAY!

CAMP PERRY SET \$13.95 postpaid
(6 tools, rule and instructions)
LEADER SET \$8.95 postpaid
(4 tools, rule and instructions)
Single Tools \$1.75 to \$2.75
Write for new tool brochure.

Craft Industries BOX 104, ANAHEIM 6, CALIFORNIA

THE
NEW



PATENT PENDING
Complete job as shown now
reduced to \$20

**Streamline MUZZLE
BRAKE**

Tiny, but POTENT! Custom-fitted to look like, and actually be, part of your rifle barrel. Write for literature.

PENDLETON GUN SHOP 223 SE Court Ave.
Pendleton, Oregon

OLT'S



S-8 PERFECT

SQUIRREL CALL

\$3.50

AT YOUR
DEALER

PHILIP S. OLT CO. PEKIN, ILLINOIS

SAVE
50%



MAKE
YOUR
OWN

**Western Style
GUN HOLSTER**

It's easy to carve your own
Gun Holster with Tandy's U-
DO-IT Pattern, only 35c ppd.

FREE 64-PAGE LEATHER
CRAFT CATALOG

TANDY LEATHER CO. (Since 1919)
P.O. Box 791-PP Fort Worth 1, Texas

FOREIGN PARTS SPECIALIST

Mausers (pistol & rifle), P38, Luger, G43, Japanese (pistol & rifle), Italian, Browning, Ortgies, some Springfield, Enfield, 45 Auto., Others. Stamped, addressed envelope for list. Mauser HSO Firing Pins, Springs, 4.00 set. Ortgies Firing Pins 2.50 ea. Japanese 7.7 Guard Screws 25c each, \$2.50 Dozen. Mauser Military Bolt (recoll) Springs, G43 Recoil Springs, Luger Golf Mainsprings, Japanese Mainsprings (rifle) 75c ea., \$5.00 dozen, \$5.10 dozen assorted.

BOB LOVELL, BOX 401, ELMHURST, ILL.



FOR YOUR HANDGUNS

- ☐ BETTER ACCURACY
- ☐ MORE KILLING POWER
- ☐ NO BARREL LEADING with

HARVEY PROT-X-BORE BULLETS

PROT-X-BORE BULLETS combine a pure lead bullet with a zinc base. Lead provides greater killing power. The zinc base keeps the barrel perfectly clean and prevents rust and corrosion. Heavier loads are possible and provide longer effective range than gas check bullets, with negligible barrel wear. Both swaged bullets and bullet casting equipment are available.

New accurate 106 Gr. .357 H.P. Varmint bullet at unheard of 1800fs., velocity energy 760 lbs. Hand Gun Bullet Swaging dies for Pacific, Ideal Ezy-Loader, R.C.B.S. and Hollywood tools. For PROT-X-BORE bullets only. New Jugular Xpres jacketed .357 and .38 Special Bullet Jackets and lead wire furnished for swaging. Slug moulds also available for casting swaging cores.

Write for FREE folder and price list NOW!

LAKEVILLE ARMS COMPANY
100 HOLLEY STREET • LAKEVILLE, CONN.

It is popular today to use a dural receiver, or at least sub-assemblies within the standard alloyed steel receiver of this light alloy. High Standard did not design to consider any lightening of the new gun. The Model 60 hefts a good 7½ pounds, and if your fancy runs to the deluxe version it hefts a half pound more. The barrel is 28 inches and it has been made unnecessarily heavy. An inch-and-three-quarters are lopped off this tube when the Choke-master is attached. By a switch to a dural receiver, a weight-trimming operation on the barrel, plus a redesign job on the 7-months-gone forend they could have trimmed an easy ¾ pound from the howitzer and it would have materially increased its popularity.

How does the first gas-powered shotgun behave when cranked up?

It digests any 12 gauge load crammed in it. It doesn't matter if you fill the magazine with two of the heaviest magnum loads and follow these with a couple of the 2¾ dram peewees, Josephine Clementine assimilates 'em without pain or strain.

Equally versatile is the performance of the gun with various makes of ammo—Remington, Peters, Federal, Western or Winchester, it makes no difference. The gun will accept 'em all.

The full choke barrel (70%) shot modified patterns with Federal skeet and Peters field loads at 40 yards. It shot full choke with Remington Express and Western Super-X and with Winchester, Remington and Federal standard magnum loads ran from 80 to 85 per cent at the regulation distance. It is a closely bored barrel and developed no signs of patchiness or any tendency to blow patterns during any of the firing.

The first gun I received was function-fired 200 shots during a single afternoon. It developed ejection trouble due principally to faulty performance of the shell carrier. The carrier was out of time and would rise and impede the ejection of the spent case.

Seven days later the company had another gun in my hands. I ripped the shell carrier out of it and placed the thing in the first gun. I then fired it 198 shots and caught 10 jams, all of them caused by failure of the weapon to eject cleanly.

The ejector on the Model 60 is of the plunger type. It passes completely through the breechblock, and when the block reaches the very end of its travel the protruding end of the ejector rod slams into the receiver bulkhead. This contact pushes it forward and the nose comes in force against the rim of the cartridge. The blow it strikes should spin the empty out of the gun and send it for a dozen feet at least. Instead of doing this the cases fall at the shooter's feet. Obviously the answer is to get more gas pressure so that the bolt comes back like the devil was after it. Then the ejector would really wallop that case and send it whistling.

I fired the second gun shipped me 303 shots in 53 minutes. It smoked. Three jams occurred, all due to weak ejection. I found the hotter Josephine Clementine got, the better she perked. Oil oozed from the forestock and the empties when ejected glistened as though they had been buttered. The oily appearance was due to the wax cooking out of the paper. Despite the fact that the cartridge remained in the chamber for only a moment the weapon was so hot it instantly rendered the paraffin liquid.

I had been told the gun would malfunction unless it was fired from the shoulder, this substantial support necessary to give

some resistance to the gas. This I found was poppycock. I did most of my shooting by firing from the hip. With this flimsy support the gun was free to recoil all it liked and it clattered beautifully. I had also been told it would rip the head off the case if the stock was backed up against a tree. I tried that too and found this was another old wives' tale.

It functioned okay when I stood it on a firing stand and triggered off five shots at high noon; likewise I dropped the muzzle to 6 o'clock and knocked out another 5 shots. It will not perform satisfactorily if rolled over on its back, and likewise jams are frequent if fired on the left side or on the right.

I rolled three magazines of cartridges in the Texas sand and crammed 'em into the gun without any cleaning. These sand-encrusted loads never missed a turn. I followed these dirty ones with a box of clean shells and the sand left in the gun caused no trouble.

I scooped up a generous handful of dirt, gravel and sand and with the bolt locked back, poured it into the action. I followed this by turning the gun upside down and then on either side. I let the loose terra trickle down the barrel so that the chamber had a liberal dosing. I then dumped out all the sand that was loose and loaded up. I jacked 15 rounds through the gun. It worked like it had been oiled. I did not bother to clean it after this treatment but went ahead and fired about 100 additional rounds.

Josephine isn't going to be popular with the Army and her appeal to prison guards, industrial people with guard problems, the police, and like groups is going to be small. She won't perk when her business end is shortened to 20 inches, standard dimension for buckshot-throwing guard weapons.

I whacked eight inches off the muzzle end of the Model 60 and she stopped like a union man at the 5 o'clock whistle. The gas ports are approximately 12 inches ahead of the shell chamber, a certain amount of barrel tube must extend beyond these ports to maintain pressures while the piston is doing its stuff. When I lopped the barrel off to 20 inches, I reduced it below critical length.

TELESCOPES

Spotting and Telescope objective lenses. Terrestrial and Celestial eyepieces. FREE LITERATURE.
REVERE INSTRUMENT COMPANY
5880 Hollywood Blvd., Los Angeles 28, California

EASY SIXTY LOAD

PRECISION LOADING BLOCK

Accommodates 60 cartridge cases. Made of highest tensile plastic—will not break or chip under normal usage. For all popular calibers of rifle cartridge cases.

See your dealer or order direct. **PRICE \$1.50**

PETERSON BROTHERS

132 Nevada Street
El Segundo, California

MASHBURN SUPER STOCK FINISH & FILLER



Speedy, Wonderful Oil-Type Finish
1.00 Each We carry loading and shooting supplies, scopes and gun cases.
plus postage

Sears, always slightly more decorous than a gaggle of Boston Back Bay dowagers, can take heart from the fact that their shooting iron isn't going to enjoy any marked popularity with bank robbers in particular and gangsters in general. It ain't worth a tinker's hoot when chopped off to what this gentry considers good business lengths.

Sears now enjoy a full 10% of all the guns-ammo business in these United States. Josephine Clementine—the glamor gal with the sagging waistline—is going to have quite a coming-out party. All the 700 stores, and not forgetting the omnipresent catalog, will co-host the debut and it ought to be the ranking blowout of the autumnal season.

GUN BOOKS

BIG CATALOG—1455 NEW BOOKS
Listings of "field" books as available.
Largest selection. Send 50¢ for both.
Free books & premiums.

Ray Riling • 6844-A Gorsten • Philadelphia 19, Pa.

Handloaders Attention

We are currently manufacturing four very fine products listed here.

The Little Dripper\$2.25

For adding those last few grains to the scale pan.

The Mez-U-Rite Powder Measurer\$1.65

The only low priced powder measurer on the market—works too.

The Multi-Mezur\$9.95

For pistol shooters—throws 20 perfect charges at once—no chance of double charge.

Varmint Rest\$3.95

Made to telescope from light aluminum for either prone or sitting shots. Weighs about eight ounces.

Write for details. Dealers contact your jobbers or order direct.

SHOOTERS ACCESSORY SUPPLY

Box 205, Dept. N North Bend, Oregon

FRYE'S FAMOUS BOOTS

Streamlined Beauty
FINE QUALITY
A Prized Possession
NOW BY MAIL
Postpaid



WELLINGTON—\$16.95

JODHPUR—\$17.95

Precision built, light weight, wonderfully comfortable. Calf vamps, kid tops, fully lined, leather soles, rubber heels. BROWN or BLACK. Men's sizes 6-12, ABCDE, from stock. Other sizes 6-14, AAA-EEEE, made to order. (Also women's and children's.) Satisfaction guaranteed. ORDER NOW. Enclose check or money order.

WRITE FOR FREE CATALOG.

TODD'S, Dept. GU-11, 209 S. State St., Chicago 4, Ill.

GUN CABINETS • PLANS & Ready-Cut Kits



BUILD IT YOURSELF

Plans & Patterns Now Available!

Plans include Full Size Patterns, complete bills of material and cover all details of construction. You will find it a pleasure to work from such elaborate, and yet easy-to-follow, working plans.

The beautiful and ruggedly designed Gunberth® shown above is a "SPORTSMAN" model in 7 gun size (over all dimensions 26" W, 72" H, 13" D). The locks are self-centering and are designed to place any type of gun. The butt platform includes an exclusive "gun sit" for solid placement. Ample space allowed for 'scope' mounts. The open view shows the spacious compartments for ammo, components and all other shooting equipment. "SPORTSMAN" Gunberth models are also available in 11 and 15 gun sizes, which contain 2 deep drawers in addition to the compartments for extra storage.

Complete Sets of Working Plans For:

7 Gun Size (Illustrated).....only \$3.50 ppd.
11 Gun Size (38" wide).....only 4.95 ppd.
15 Gun Size (50" wide).....only 5.50 ppd.

"Pistol-Berth"

12 Gun Size

50" w, 26" h, 4" d

Easy-to-follow

Working Plans

are complete for

the 12 gun size

illustrated and

also include de-

tails with com-

plete bills of ma-

terial for 20 and

28 gun sizes.

Your long felt

need for a well

designed Pistol

Cabinet is answered

with these NEW

and very versatile

"Pistol-Berth" Cab-

inets. No Handgun

is too large or too

small for secure

placement. All size

guns are readily

placed with handy

screw-in type brackets

and if you change

gun place-

ments from time

to time, the back

is always as good

as new due to the

patent perfo-board

insert, which is

mounted on the

3/4" thick back.

Working Plans for

"Pistol-Berth" With

Twin Doors

Complete for 12, 20

and 28 gun sizes.....\$9.95 ppd.

Working Plans for

"Pistol-Berth" With

Single Door

Complete for 6, 10,

and 14 gun sizes.....\$1.95 ppd.

SPECIAL INTRODUCTORY OFFER!

The same specially designed Pistol-Berth Brackets (for holding handguns) used in this cabinet are now available to you at a special low price. The Pistol-Berth Brackets are screw-in type and made of rubber covered steel. One pair consists of one small bracket for barrel end and one larger bracket for grip end. Remember this is a special offer and for a limited time only!

Send for Your "Pistol-Berth" Brackets Today!

6 pair.....\$2.75 ppd. 12 pair.....\$4.95 ppd.

15 pair.....\$5.50 ppd.

"Showmaster"

< 5 Gun Size

53" w, 48" h, 6" d

Your Guns Too,

can be beautifully

displayed in a

NEW, Gunberth

"Showmaster"! The

Showmaster series,

all wall models, can

be had in a 3, 4,

or 5 gun size

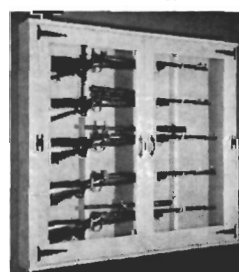
(model illustrated)

and models placing

2 guns per set of brackets

are also available in

6, 8 and 10 gun sizes.



Complete Plans for "Showmaster" Series:

For Plans including 3, 4 and 5 Gun Sizes.....\$2.95 ppd.

For Plans including 6, 8 and 10 Gun Sizes.....4.95 ppd.

Rubber-Covered, Steel Gun Brackets For You!

The same specially designed Gunberth Brackets (for holding rifles and shotguns) as used in the "Showmaster" (shown above) are now available to you at a special reduced price. Brackets are screw-in type and made of rubber covered steel. Easy to use... simply screw into wooden wall or panel. Protect your guns! Send in NOW! 3 pr. (for 3 guns).....\$1.95 ppd. 5 pr.....\$2.95 ppd.

READY-CUT CABINET KITS

ALSO AVAILABLE.....

Details on Kits, Plans and Hard-

ware on 22 different Gunberth Med-

els (Finished Cabinets also avail-

able) are all listed in NEW, EXCLU-

SIVE, "HANDBOOK". The "Hand-

book" also contains working draw-

ings and all facts you should know

on design, layout and construction

before you buy or build any gun

cabinet. Send in Today! For Big, il-

lustrated.

32 Page "HANDBOOK".....\$1.00 ppd.

*Copyright



COLADONATO BROS., Dept. G12D, Hazleton, Pa.

The Original SUPERIOR TRIGGER

Adjustable, no creep,
unexcelled for top per-
formance. Enjoy the
best for good shooting.
Mausers, Enfield, Spring-
field & Rem. M. 30.

**POSITIVE
ZERO MOUNT**

most sturdy mount made \$15.00 and up.

**MASHBURN PRECISION
CUSTOM BUILT RIFLES**

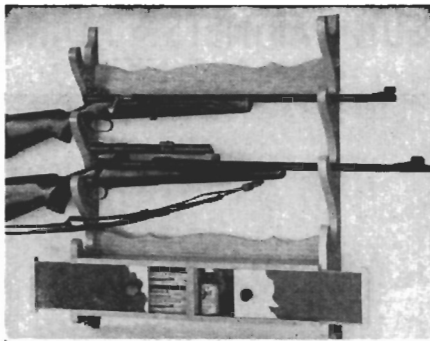
NONE FINER

MASHBURN ARMS CO.

112 West Grand
Oklahoma City, 2, Okla.



\$12.50



WESTERN-MADE GUN RACK

MODEL NS — Deluxe 4-gun rack (above) as originally made and designed in the West. Solid Mahogany, clear lacquer finish. Sliding doors are covered with brown and white calfskin. Compartments hold shells, etc. 24" wide, 28" high, 5½" deep. Price: **\$19.95**. Express charges collect.

MODEL C — Same as above in solid pine, without skins. Price: **\$14.95**. Express charges collect.



OR BUILD THEM YOURSELF!

MODEL G — Pine knocked-down kit, sanded and ready to assemble in a few minutes. Less paints and skins. **\$9.95** plus \$1.00 postage.

MODEL M — Same as Model G, but in solid mahogany. **\$13.95** plus \$1.00 postage.

DEALER INQUIRIES INVITED!

THE BRANDING IRON

Dept. G-11
3441 E. Blackledge Dr. Tucson, Arizona

PHOTO CREDITS

6—Warner Bros., United Press; 16—Paul Matthews, Free Lance Photographer's Guild; 17—Paul Matthews, George Kufirin; 18—Paul Matthews; 19—European; 20—Riverside Studio, Winchester; 21—Winchester; 22—Winchester, George Kufirin; 23—George Kufirin, Winchester; 24—Dick Whittington, Francis Sell; 25—Francis Sell; 26 to 28—Bert Popowski; 29—Bushnell, Globe; 30—A. Church; 31—Lyman, Remington; 32 to 35—Dean Heath; 36—United Press; 37 to 39—Col. Ward Atkinson; 40, 41—George Kufirin; 42 to 44—Col. Charles Askins.



\$1.50

• Postpd.

KENFIELDS PRODUCTS, SAN CLEMENTE, CALIF.

JAP 7.7 MM GUARD SCREWS

25c each, \$2.50 dozen. Minimum order, \$1.00.

Stamped, addressed envelope for complete list of foreign gun parts.

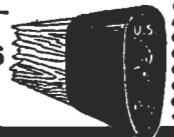
BOB LOVELL, BOX 401, ELMHURST, ILL.

AMMUNITION

Look! Here is the real McCoy! SPECIAL SALE of that hard-to-get ammunition for Derringer, etc.

- 41 REMINGTON RIMFIRE SHORTS, Per Box (50 Rds.) **\$3.50**
- 30 M. I. Carbine, Per 100..... **\$ 7.00**
- 30-06 Military Late Issue, Per 100.. **7.50**
- 45-70 Smokeless Low Pressure, Per 100. **10.00**
- 32 Remington Rifle Cartridges, Per 100. **10.00**
- 351 Winchester Self Loading, Per 100 **8.00**
- 35 Winchester Self Loading, Per 100.. **8.00**
- 30 Remington Silvertip, Per 100..... **10.00**
- 25 Remington Soft Point, Per 100.... **10.00**
- 32 Long R F Cartridges, Per 100.... **4.00**
- 32 Short R F, Per 100..... **3.50**
- 25 Rim Fire Shorts, Per 100..... **3.50**
- Rifle Slings, Web, New Gov. **69c EA.**
- Surplus 1¼ inch.....
- 3 for \$1.50.

RUBBER RECOIL BOOTS
for shotgun **\$3 DOZEN**
or rifle



PUBLIC SPORT SHOPS
11 S. 16th St., Phila. 2, Pa. No CODs

AMMUNITION BARGAINS

CALIBER 8MM MAUSER:

Packed in original German 15-round cartons and made in Germany's finest factories—some bear labels such as RWS and DWM. The bullets are a true 0.323 diameter, 175-gr. boat-tail design. Components alone worth our special price! This ammo is the very best quality German Military Issue, made when standards were high. Only \$6.00 per 100 rounds. Or, a Super-Special price of only \$81.00 per wooden case, (superb ammo cases), lot of 1500 rounds.

CALIBER .30 M2 BALL:

Packed in 20-round commercial type boxes, taken from sealed U. S. Govt. shipping cases. Finest quality—and at a new record low price—only \$6.00 per 100 rounds, or our special rate of only \$81.00 per wooden case of 1500 rds. in vacuum-sealed container.

Ammo Sold only in 100-round units. All prices FOB College Park, Md.

Your choice of American-Made Commercial Hunting Ammunition in any of the following calibers and bullet-weights—Only \$3.90 per box of 20 rounds:

308 CALIBER—

Soft Point, SUPER SPEED—110-gr., 150-gr., 180-gr.

8MM MAUSER (8 x 57; 7.9) —

170-gr. Soft Point, SUPER SPEED

30-06 CALIBER—

110-gr. Soft Point, SUPER SPEED
150-gr. Soft Point, SUPER SPEED
180-gr. Silvertip Exp. SUPER SPEED
220-gr. Silvertip Exp., SUPER SPEED

.50 cal. AMMO:

At last you have a source of U.S. Gov't .50 cal M2 ammo to use in converted R. B. Mk I rifles or what-have-you. While this supply lasts, only \$29.95 per 100 rds.

MOST POWERFUL RIFLE IN THE WORLD!

AMMUNITION FOR THE ABOVE:

Ten rounds per box 10 10 rounds

..... .50 cal. \$9.50

MAGAZINES! MAGAZINES!

- Thompson 20-round box magazine..... **\$2.50**
- Thompson 30-round box magazine..... **3.50**
- Thompson 50-round drum magazine..... **12.95**
- Thompson 100-round drum magazine (rare)..... **16.95**
- Luger 32-round drum magazine..... **9.95**
- Schmeisser MP 38/40 box magazine... **8.95**
- Sten Mk. 1, 11, 111, Iv, v box magazine **4.95**
- United Defense Corp. OSS spec. box mag..... **2.95**
- Rare MG34 and 42 50-round side drum mag..... **3.95**
- Special Double set for above..... **7.95**
- German 7.92 mm 20-round box magazine..... **1.00**

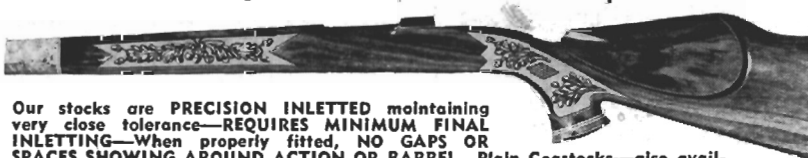
SOUTHEASTERN

COASTOCKS ➔

IMPROVED CARVING BETTER DESIGN

Fine HAND DETAILED CARVING & STIPLING of acorn & leaf design—Tips & Caps of CONTRASTING HARDWOOD.—Completely SHAPED & HAND SANDED outside—Requires only oil or finish desired—Made of finest grade walnut . . .

\$32.50



Our stocks are PRECISION INLETTED maintaining very close tolerance—REQUIRES MINIMUM FINAL INLETTING—When properly fitted, NO GAPS OR SPACES SHOWING AROUND ACTION OR BARREL. Plain Coastocks—also available. We guarantee all Coastocks to be the finest custom production stocks on the market—in price—quality and workmanship.

DEALERS INQUIRIES INVITED — Write for FREE BROCHURE.
COAST CARVING SHOP
5878 Towne Avenue
Los Angeles 3, California

AT LAST—THE ULTIMATE RIFLE!

THE SUPERBLY ACCURATE R. B. MARK 1 ANTI-TANK RIFLE
ALASKAN, ASIAN & AFRICAN "BIG GAME KILLER"

NOW
ONLY \$79⁹⁵



THE MOST
POWERFUL RIFLE
IN THE WORLD!

BRAND NEW!

All rifles are absolutely brand new, never fired specimens—and not to be confused with inferior used specimens being offered by others.

CHECK THESE FEATURES!

1. Repeating, magazine fed. Six shot magazine.
2. Comparable to any modern, fine military rifle.
3. Ammunition is inexpensive and absolutely safe.
4. Rifle accuracy, no fluctuation.
5. Completely reliable under any conditions.
6. No special training required to operate.
7. May be fired from the prone position at long range.
8. Combat and tactically proved in World War II.
9. Finest material and construction standards.

63 inches long and a weight of only 33 lbs., including adjustable bipod, make this weapon easily portable anywhere. 0.55 caliber 926-grain bullet.

ACCESSORIES: Superb kit of special accessories (no rifle complete without these valuable items) contains breech cover, dismounting tool, cleaning rod, magazine carrying case and 7 extra 5-shot magazines. Per kit complete . . . \$9.50

AMMUNITION FOR THE ABOVE: Ten rounds per box of 10 rounds50 cal. \$9.50

R. B. MARK I CALIBER .50 CONVERSION KITS!

As the result of popular demand, we now offer U. S. Caliber .50 Conversion Kits, thus enabling your favorite gunsmith to convert the R. B. Mk 1 Rifle to fire regular U. S. Gov't .50 caliber ammo. The kit consists of set of sights, breech cover, unaltered .50 cal. barrel, muzzle-brake, cheekpiece, etc.Only \$39.95

READERS OF GUNS:

Take a good look at our Second Amendment. Good weapons keep men free; when you forget that, tyranny increases. Southeastern will bring you the finest weapons, etc. obtainable to keep alive the spirit of The Minuteman—both sportsman and patriot!

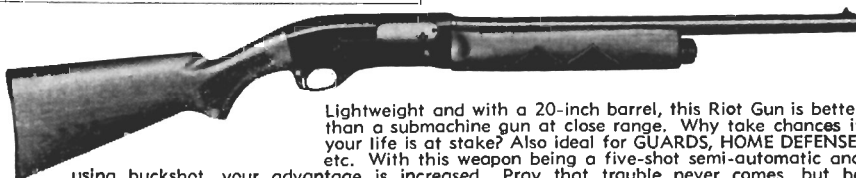
About the WINCHESTER .308 Cartridge:

Developed for sporting use, designed especially for the Model 88 Winchester Lever Action Repeating Rifle. Also used in Model 70 Winchester Featherweight Rifle. Commercial version of the new NATO 7.62mm Military Ammunition.

MODEL 11-48R REMINGTON SEMI-AUTOMATIC RIOT GUN

fully legal

Now, you can have the perfect weapon for HOME PROTECTION and BUSINESS PROTECTION!



Lightweight and with a 20-inch barrel, this Riot Gun is better than a submachine gun at close range. Why take chances if your life is at stake? Also ideal for GUARDS, HOME DEFENSE, etc. With this weapon being a five-shot semi-automatic and using buckshot, your advantage is increased. Pray that trouble never comes, but be prepared for it as thoroughly as possible!!

Price \$110.45

Leather slings for above 11-48R, each \$4.60

Buckshot for 11-48R, box 25 rds. \$3.85

MODEL 740 ADL REMINGTON SEMI-AUTO RIFLE



Here at last is the rifle sportsmen have wanted for years—a truly high-power autoloading big game rifle that weighs as little as 7½ pounds!

You can shoot up to 5 shots on one loading—just aim and squeeze—you concentrate only on the game. And you can carry extra quick-change magazines, ready to reload 4 rounds at a time—instantly. The barrel is non-recoiling, highly accurate. The whole gun fits as though it's part of you.

MODEL 740 ADL: checkered stock and deluxe type checkered fore-end; decorative grip cap; sling strap swivels. Choice of standard stock or high comb stock for use with telescope sights (high comb furnished unless otherwise specified).

Price \$139.95

EXTRA 4-SHOT MAGAZINES each \$4.95

LEATHER SLING FOR M740ADL each \$4.60

MODEL 70 .308 WINCHESTER FEATHERWEIGHT RIFLE

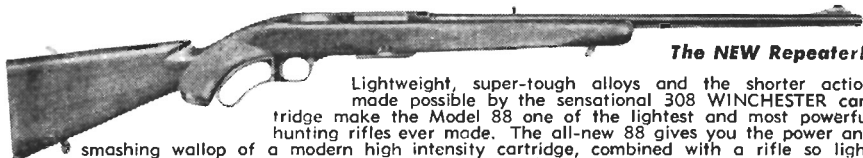


Only 6½ pounds!

The "Old Reliable" BOLT-ACTION Sporter. Preferred by hunters who want a lightweight rifle with plenty of power—and target shooting accuracy. Now available in powerful .308 caliber. 22" barrel maintains constant zero during changing weather conditions. Barrel and action of durable chrome-molybdenum proof steel. Beautiful American walnut stock in either "Monte Carlo" or "Standard"—specify which.

Price \$120.95

MODEL 88 .308 WINCHESTER LEVER ACTION RIFLE



The NEW Repeater!

Lightweight, super-tough alloys and the shorter action made possible by the sensational 308 WINCHESTER cartridge make the Model 88 one of the lightest and most powerful hunting rifles ever made. The all-new 88 gives you the power and smashing wallop of a modern high intensity cartridge, combined with a rifle so light you're never worn out from carrying it. Weighing in at about 6½ pounds, the perfectly balanced 88 gets on game instantly—points fast, and delivers a knock-out punch where you want it. EXTRA MAGAZINES, each \$3.35.

Price \$123.95

SHOOTERS SUPPLY

P. O. BOX 115
COLLEGE PARK, MD.

ALL PRICES F.O.B. COLLEGE PARK, MD. — MD. RESIDENTS ADD 2% SALES TAX

SALE BRAND NEW PACIFIC
Reloading Tool



COMPLETE WITH DIES
\$2795
Add \$1.00 Shipping Chg.
ALL POPULAR CALIBERS Standard Model
REGULARLY \$39.95

ORDER NOW From
H. COOK SPORTING GOODS
523 Central West Albuquerque, N. M.

Deerslayer
HUNTING SLINGSHOT
Killer Model for GUIDES TRAPPERS SPORTSMEN



Deadly on small game and pests
\$2
Postpaid
(practice and service ammunition included)

- Precision cast of strong metal alloy. Beautifully polished and finished.
- High velocity sling of live gum rubber with extra straps and pouch.

A REAL SLINGSHOT AND A HUNTING WEAPON. THE ONLY TYPE USED BY EXHIBITION SHOOTERS. FULLY GUARANTEED. Send cash, check, M.O. today! Or 35c for postage C.O.D.

TINKER MFG. CO.
Dept. 5 Lapeer, Mich.



30/40 Cal. Krags our specialty \$45.00; New 45/70 Cal. Model 1873 Springfield Rifles \$35.00; Good 45/70 Cal. Barrels \$8.50; Civil War Insignia; 1880 Army Helmets \$3.50 complete with trimmings.


W. STOKES KIRK
3429 Germantown Avenue, Philadelphia 40, Pa.

CARTRIDGE BOXES



All sizes now in stock for rifle and pistol cartridges, bullets or slugs. Shotshell boxes in 12, 16 and 20-gauge sizes. Write for free list. Dealers wanted.
C. W. PADDOCK, 1589 Payne Ave., St. Paul 17, Minn.

Genuine FN MAUSER



Quantity is limited but again this year a new FN barrel action. Custom stock by BISHOP with their light weight western stock. Weight 7 1/2 lbs. Caliber—270 and .08. Only \$99.50. No charge for mounting your choice of scope or mount.

\$99.50

CURRY'S 4501-A Troost, Kansas City 10, Mo.

YOU-MAKE-'EM GUN KITS
Full size finished product so authentic that it's difficult to tell it from the real thing!



Thompson Sub-machine gun \$5.95 prepaid

Colt .44 Frontier (single action)	\$2.95 Prepaid
S&W .357 Magnum	3.95 Prepaid
Kentucky long rifle	14.95 Prepaid
Colt .45 Automatic	3.50 Prepaid
9 mm Luger	2.95 Prepaid
Philadelphia Derringer	1.95 Prepaid
Pepper Box (all plastic)	.98 Prepaid

Send 10c for complete new catalog of over 30 modern and antique gun kits. Refund on first order.

VICKERY MODEL GUN CO.
Post Office Box 93 Oak Park, Illinois

SHOOTING SQUIRRELS

(Continued from page 25)

so that you see but one distinct image, the range scale gives you the exact yardage. With just a little practice, you can become exceptionally accurate in its use. I found not more than five per cent error at around 400 yards, less as the range decreased. It was sufficiently accurate at all the longer ranges to put me "on target" with any modern sniping rifle, when the target was the size of a woodchuck or ground squirrel.

When I walked across to examine the results of my shot, I found the ground squirrel lying behind the roots of the cedar. He had been neatly decapitated, but all my shots are not quite so fortunate. After these western ground squirrel have been shot over for a few weeks, they become extremely skeptical of a rifleman's intentions. I have spent a full hour "wishing" up an old buster who had taken to his burrow, and when he did appear, it was to only risk an eye and part of his head above ground, and that at a full 100 yards.

First thing a rifleman is apt to ask in connection with this type of summer rifle shooting is: "What is the best rifle outfit for the job in hand?" That, like most questions about field shooting and field rifles has several right answers.

For out and out sniping, I have never found any rifle which suited me as well as my Marlin Model 322. I use a handload of 24 grains of 3031 Du Pont behind a 50 grain Speer Spitzer soft point. This load has proved very accurate and flat shooting. To bring out its best accuracy, I have the 322 equipped with a Bushnell 8X Scopechief, using a fine cross-hair reticle.

With this rifle, shooting at the longer ranges out around two hundred to three hundred yards, a range finder is very essential. I use it to measure range. Then my scope is brought into critical focus with its range adjustment, making the small, obscure target stand out from the background.

Most of my shooting with this caliber will range from a hundred to two hundred fifty yards. It is surprising how those three and four hundred yards shots shrink when they are measured with a range finder! Probably the most deceptive shot is one across a deep draw. When the range finder is put on it, the reason for many of your long range misses are readily apparent.

My .222 is sighted in to hit point of aim at 200 yards. This gives a mid-range trajectory of about 2.6", so I am on the button from the muzzle on out to around 225 yards with my handloads, on targets the size of ground squirrels.

Ground squirrels are very versatile. They play the game any way you want to play it. They are beautiful sniping targets for a good long range off-season outfit. But that is not their only rifle virtue. Sometimes it is good to go afield with a big game rifle. I often hunt them with my .348 Winchester, taking nothing but snapshots which I turn up by careful stalking. This type of shooting pays big dividends during the autumn big game season when quarry is elk or deer. If you can roll a ground squirrel when he is frantically scurrying for his burrow, then a big old buck crashing out of the hardwood becomes a comparatively easy target.

Here again, the range finder comes into



use, not to measure your snapshooting before the shot, but after. How far really was that shot made on that ground squirrel taking off toward the security of his hideout? Out of my hunting jacket comes this portable range finder. I have the distance beyond all doubt. Thirty-five yards—sometimes it is 50 yards. On a few occasions I roll a moving ground squirrel at 75. What a beautiful buildup of confidence such shooting gives me!

Another rifle which I have found excellent for this type of shooting is none other than the now obsolete 25/35 Winchester, Model 64. I rigged this rifle for ground squirrel hunting because it has an outside hammer, and is a lever action of the type I normally use for woods hunting big game. It has the virtue of being a wonderful understudy of my .348 Model 71.

It is equipped with a 4X scope on a Williams off-set mount. Its complement of iron sights are a Williams Foolproof receiver, and a Redfield Sourdough front sight. Both the iron and scope sights are of a type I normally use for big game shooting in autumn, so their off-season use pays hunting dividends later.

Best loading in the 25/35 is a 117 grain bullet driven at 2350 feet a second, using 26 1/2 grains of Du Pont 3031. I say best loading for two reasons. First, I have found this load very accurate for a lever action rifle, giving me less than two inch groups for five shots at 100 yards. Second, this loading very closely duplicates the trajectory curve of my full power 200 grain, .348 big game load—something which is all to the good when I shift from the one rifle to the other.

The 25/35 kills quite consistently out to a 175 yards. When everything is favorable, it will kill to a full 200 yards. I use it more on my snapshooting ground squirrel forays, however. For out-and-out sniping, such as I was doing on this, my first trip of the summer season, there is nothing which will equal the .222 Remington caliber, and there is not a nicer rifle for this loading than the Marlin model 322 with its Sako Mauser action. ©

DUCKS TO SLAUGHTER

(Continued from page 41)

Down below, a man with a flag waves them away, like an aircraft carrier man waving away a plane to keep it from landing. Spying water over a clump of trees, the ducks make for it.

Behind the trees, hunters, who have paid to shoot ducks, wait. Sometimes the ducks don't behave according to schedule. They come in low over the trees and get by without being shot. And the hunters are at least sportsmanlike enough not to shoot the duck after he lands in the water.

But the ducks are not too bright, because when they land on the water, they just rest instead of flying away. Then they are herded back to the pens where they are again forced to go through the suicide act.

While most of the wildfowl shot in the Chicagoland area is taken legally over public waters, by hunters willing to search out the natural feeding grounds of wild ducks, there are a number of these controlled breeding and shooting farms active. Licensed by the Illinois state department of conservation, they originally sprang into being as a way of augmenting the fast-disappearing natural wildlife of the locale.

Raising wild birds from eggs placed under setting chickens is standard procedure. When the young birds, pheasants for example, are grown, they are turned loose on a farm belonging to one of the club members. Then at the opening of the season, they are hunted like any natural wild birds, and they have the same chance that birds have had for thousands of years. The slaughterhouse "game farm" is the newest variation on this idea and is frowned upon by most hunters as a violation of the basic principles of sportsmanship.

Me, I'd rather buy my ducks at the butcher.

NEW Canada Sportsman's Catalogue

SPORTING GOODS OF QUALITY
Hunting, fishing, camping equipment. Over 160 pp., 1000's of illustrations. Goods from Canada, England, France, Spain, Italy, Germany, Japan, U.S.A.—the WORLD'S BEST now available to you by mail. PRICE \$1.00—refunded with first order \$10. ELLWOOD EPPS, "Sporting Goods of Quality", CLINTON, ONTARIO.

IMPROVE YOUR SCORE
Frangite GRIPS
Frangite Grips are positively unbreakable—most durable made. Offered for Colt, Smith & Wesson, Hi-Standard, Orion, Ruger, Mauser, other domestic and imported guns. Wide choice of smart designs in Ivory, pearl, walnut, opal, agate, black and a few target patterns and carved grips. Low prices! FREE NEW CATALOG. 5501 Broadway, Dept. SPORTS, INC. (Mfrs.) CG 11, Chicago 40, Ill.

66,000 CANDLEPOWER
"HI-BRED" **METEOR**
6 CELLS
CREATES 25 CELL POWER BEAM
World's Most Unusual Light
New jumbo head, world's biggest with solid die cast reflector. New reflector surface 3 times better than silver.
Argon Gas Sealed Beam Bulb
Projects bulls-eye farther than eye can see. Signals 20 miles easily. Ideal for farm use or moon hunting.
It's A Hi-Bred
Entirely different than any other flashlight made. \$10 value. Order by Mail.
\$4.99 2 for \$9.50
35c Ea. Postage
Ex. Bulbs 6 for \$1
King Size batteries 6 for \$1.50
Reg. 6/90c
Shoulder sling \$1.39
Dog Supply House, G, 18440 Grand River, Detroit 23, Mich.

ANTIQUE GUN PRICES
NEW ILLUSTRATED BOOK gives up-to-date prices of over 2,000 American pistols, revolvers. Describes every make, model from flintlock through automatic. Plus information how to collect old guns, make money, etc. Valuable for Buying, Selling, Collecting.
ONLY \$1—POSTPAID. ORDER NOW. Dept. AR.
Free catalogue of gun books.
PIONEER PRESS, Harriman, Tennessee

New ROTARY WADCUTTER
Price, complete, one std. ga. \$7.50. Extra ctr's., any std. ga. \$2.50 pp. Paper shotshell trimmer trims shells to any length, hand operated, clamp in vise, or fastens to loading bench. Complete for 1 ga., \$5.25. Extra arbors any std. ga., \$2.25.
PITZER MACHINE WORKS, Earlham, Iowa

CUSTOM • BUILT RIFLES
• BARRELING
• STOCKING
JENKINS GUN SHOP • Farmington, W. Va.
Life Member NRA & NRSRA

—World Famous Featherweight Automatic—
.22 Short BERETTA MINX
NOW! Only \$35.00
Your chance to buy this TARGET pistol in miniature at a new low price. Pocket Size, Only 6" overall but with four inch barrel! 7 Shot Featherweight 11 oz. Automatic Push Button take down. With 2 3/4" barrel. Only \$33.50
.22 L.R. Plinker, 10 Shot Model-17 oz., black handles \$43.95
25 Cal. Jet Fire, 8 Shot \$33.50
FREE Genuine Leather Holster
Order By Mail. Send Only \$10. Pay Balance on Delivery.
Godfrey Import Corp., G-11, 277 Broadway, N.Y.C. 1.

RIFLE BARRELS
Can furnish preturned barrel blanks .650"—.750" .890" dia. at muzzle. Also have finish turned sporters ready to thread and polish 25" long .625" dia. muzzle in .22 to .30 cal. Larger cal. will have proportionately larger muzzles. Send stamp for complete information.
Rt. 3 Box 20
JAMES D. ADAIR
Rifle Barrel Maker
Bremerton, Wash.

SHOOTERS SUPPLIES
LYMAN LOADING TOOLS — C H DIES & PRESSES — MOULDS REGULAR & BALL — SAECO FURNACES & POWDER MEASURES — REDDING SCALES — POWDER & PRIMERS — LYMAN & WEAVER SCOPES — PACHMAYR LO-SWING MOUNTS — SIERRA & HORNADY BULLETS — HANDGUNS — RUGER — COLT — SMITH & WESSON — H & R — LLAMA — STAR — ASTRA — BERNARDELLI — GENUINE STAG & IVORY GRIPS.
DISCOUNT TO DEALERS. WRITE FOR CATALOG.
FLINTROP ARMS COMPANY 4034 W. NATIONAL AVE., MILWAUKEE 15, WISCONSIN

BARREL
INLETTING RASP
The rasp with a coarse and a fine cut. Since 1937, when I designed and offered this rasp, it has been the favorite of the professional and amateur gunsmiths.
For fast cutting and smooth finishing, use this barrel inletting rasp.
Sizes: 1/2" and 3/4" diam., 2" long.
Price: as illustrated each \$2.40
Set of 2 rasps and one handle \$4.50
BIG NEW 1955 CATALOG
48 PAGES
Tells all you need to know about tools and accessories for Gunsmiths, Hobbyists, Shooters, Sportsmen, etc., Fully Illustrated.
SEND 25c TODAY
FRANK MITTERMEIER Gunsmith Supplies
(Established 1936)
3577 E. Tremont Ave. New York 65, N. Y.

SHOT MEASURE
Sturdy Aluminum and Steel Construction. An insert sleeve for each shot size. Uses a pint bottle for shot or powder hopper. (Powder sleeves also available.) Be sure to state shot size & load weight \$9.95. Extra Sleeves 50c (Shot or Powder) SHOT SHELL RAMMER.
Entirely new & Lightning fast. Mounts with SHOT MEASURE as 1 unit. Fill 25 powder-charged shells in 10 minutes with this exciting new combination loader \$11.95.
POSTPAID IN U.S.A.
N. T. BRIAN • 1129 HARRIS ST. OGDEN, UTAH

SAVE 50% ON THESE EXCLUSIVE Christmas Cards
featuring **OUTDOOR SCENES**
Nothing like them on the market. Warm and homely holiday scenes, reproduced in full color, from EXCLUSIVE hand paintings, created by our own artists. Exceptional quality paper with matching envelopes. An unusual value at these direct-to-you bargain prices: Assorted box of 14 Greeting Cards & Envelopes — \$1.00 ppd. 6 Boxes for \$5.00 — 12 Boxes (140 cards) for \$7.50. Your name imprinted on cards, only \$1.00 additional regardless of quantity ordered. 12-hour mailing service. Send remittance with order to —
S. STANLEY HAWBAKER & SONS
Dept. G, Ft. Loudon, Pa.



**THE NEW WEATHERBY
IMPERIAL SCOPE
IN A BUEHLER
MOUNT**

Weatherby's, Inc., of South Gate, California, builders of the finest and largest rifles in America uses BUEHLER MOUNTS and SAFETYS as standard equipment. Why settle for less? Send today for free folder "G".

**SCOPE
MOUNTS**
SMOOTH
SLEEK



DEALERS • GUNSMITHS
Write for attractive proposition

MAYNARD P. BUEHLER
ORINDA, CALIFORNIA

THE OLD DOPE BAG NOW DISTRIBUTES

NORMA . . . NOSLER . . . NAPIER
PADDOCK . . . PERMA-BLUE
HENSLEY & GIBBS . . . SAKO
PALMA COMPOUND snout cans

"NP" CLEAR FINISH

NP FILLER (state color) NP THINNER (clear)

Better For Any Wood

4 oz. NP Finish or NP Filler . . . only \$.60
8 oz. NP Finish or NP Filler . . . only 1.10
8 oz. NP Finish & NP Thinner . . . only 1.00
4 oz. NP Thinner 40c; 8 oz. can. only .75

(Discounts to Dealers)

NESS SELECTED SUPPLIES

FRED NESS • RED WING
MINNESOTA

POINTER STOCKS

The original
thumb rest
stocks \$6.50
and \$7.00 pair.

POINTER PUPS Imitation
stag, no thumb rest \$4.00.
Largest complete stock genuine
Pearl, Ivory, Stag. Fully in-
letted, semi finished Walnut, right
or left \$9.00.
CLEAR SIGHT LENS CAPS for all
scopes. \$2.95 pr.
GREAT WESTERN Single Action Guns—most
cal. in stock.
Send for **FREE CATALOG**. Address Box
360-G.
SOUTHWEST CUTLERY & MFG. CO.
Montebello, California

BIG BUCK LURE

... brings 'em up close!

YOU 'GOTTA BE CLOSE . . .
... to get the deer of your choice.
Don't contribute to "Hunters' Delinquency"
with wasteful, wounding shots in the woods.
Be prepared. Be sure. Use Hawbaker's
tested **BIG BUCK LURE**. Your satisfaction
guaranteed!

Easy to use. Thousands used it last year and
recommend it unconditionally. **BIG BUCK LURE** makes deer curious
instead of cautious, attracts them up close to you. One bottle
contains a full season's supply for two hunters. A must for hunters
using bow and arrow, shotgun or small caliber rifles.

FREE BONUS BOOK: "The art of deer and bear hunting" sent free
with each bottle of **BIG BUCK LURE**.

ATTENTION TRAPPERS: Write today for free illus-
trated folder or send 10c for our big 96-page
handbook—All About Trapping!

S. STANLEY HAWBAKER & SONS

Dept. G, Ft. Loudon, Pa.

M-1 RIFLES

Legal surplus—25 available. Excellent condi-
tion—\$125.00 ea. Cash with order or \$10.00
Dep. with C.O.D. M-1 CARBINES—\$87.50 ea.

S. SLOPER
Mayer, Arizona

BE A GUNSMITH

Good gunsmiths are in great demand. You can have
your own business as a gunsmith, or work as a gun-
smith in other shops. Graduates located in 48
states and three foreign countries. Veterans & non-
veterans—Veterans Administration approved for P. L.
16, 446, 550, & 894.

For Free literature write!

COLORADO SCHOOL OF TRADES INC.
8797 W. Colfax Ave., G. Denver 15, Colorado



\$5 CASH AN HOUR!

Write today for
FREE BOOK

DELSAW MACHINERY CO. 10106 Field Bldg., Kansas City 11, Mo.

Matter of Fact

BY EDWARD A. JOSEPH

VERN GRIMSLEY

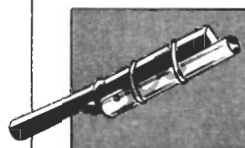
OF GARDEN CITY, KANSAS

AGE 13

IS THE YOUNGEST EVER TO WIN

THE
MISSOURI-KANSAS
TRAP SHOOT

HE BROKE 97 OUT OF 100 TARGETS DEFEATING
172 VETERAN SHOOTERS,
INCLUDING
HIS GRANDFATHER WHO
WAS HIS INSTRUCTOR



THE FIRST HAND GUN USED AS A WAR WEAPON
WAS A TUBE OF BRASS OR IRON,
OPEN ON ONE END AND
CLOSED ON THE OTHER, FASTENED
SECURELY TO A PIECE OF WOOD FOR
HANDLING—

POWDER WAS POURED INTO THE BARREL, THEN A
REASONABLY ROUND LEAD BULLET WAS
DROPPED IN
FIRE WAS APPLIED TO THE TOUCHHOLE AT TOP OF BARREL

GUNS AND CARTRIDGES ARE **NOT** ALWAYS
NAMED CORRECTLY — THE .45 BORE
IS ALSO RIGHT FOR THE
BRITISH .450, .455, AND
.476 ELEY CALIBERS

A .38 IS REALLY A
.357

THE 9mm
WHICH IS THE EQUIVALENT
OF THE .38
IS A
.354



IN THE EARLY
DAYS
MOST OF THE
BEST
DISTOL
BARRELS WERE MADE
OF A
MIXTURE OF
OLD FILES AND
HORSESHOE
NAILS

TARGET GRIPS BY FITZ

FITZ your hand
your gun
your budget
from **\$9.95**



\$9.95



COLT
AUTO
\$11.95

**FREE BROCHURE
DEALERS WRITE**



**BOX 14002
LOS ANGELES 49, CALIF.**

AVAILABLE FOR: SGW K,
Combat, M&P (Sq. Bt.) Mag.,
Hiway Pat., .44 & .45 Target &
Out'sman; Colt OM & OP,
Trooper, .357 Mag. & Python.
RIGHT HAND ONLY

STANDARD MODEL: Full
checker both sides, plain
thumb-rest; walnut . . . \$9.95

DE LUXE MODEL: Larger panels DeLuxe
checker, plus Anti-Whip tooling on
thumb-rest . . . \$11.95

CHERRY WOOD: Hard white cherry, An-
tique Flintlock Finish, De Luxe as above
... \$13.95

GENUINE ROSEWOOD: Any grip listed
above, Magnificent Flame grain Rose-
wood . . . \$25.00

Allow two weeks.

Send Check or M.O. Sorry, no C.O.D.
Money Back Guarantee



4995
COMING SOON!
"PONY EXPRESS"
SINGLE ACTION
.22 CAL. REVOLVER

Write for information today
ERL SVENDSEN, INC.

Dept. Q-11 — 4245 N. Harlem Ave., Chicago 31, Ill.

WORLD CHAMPION GUNS

for Hunters & Trap Shooting

MERKEL BROS. OVER-UNDER

12-16-20 bore, at VERY LOW prices. Catalogue free.

W. GLASER, Gunsmith

Loewenstrasse 42, ZURICH 1, SWITZERLAND

SAVE UP TO 85%

ON GOVERNMENT SURPLUS AT FAMOUS 'GADGETEER'S HEAVEN'

SPECIAL PALLEY BARGAINS



3X ARMY RIFLESCOPE & MOUNT

NOW - Back in Stock! A top quality Rifle Scope - built to rigid Government specifications... plus our own specially designed scope mount. The Rifle Scope contains fine precision Achromatic lenses - fully corrected for color and spherical aberration. Has full 3 POWER magnification. Dot reticle. Overall length 9 inches. The amazing Palley Scope Mount was developed for use with the above scope and can be mounted on any type rifle. Has adjustments for windage and elevation. Will allow you to remove scope from mount for carrying or storage, and in addition you can re-mount the scope without disturbing your pre-set windage and elevation settings. Made of hardened alloy steel. Price for Scope and Mount together...

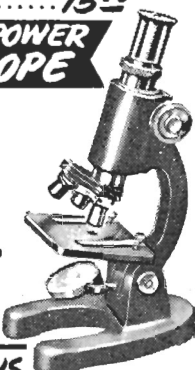
SCOPE ALONE (without mount)

MOUNT ALONE (without scope)

24.95
9.95
15.00

NEW 100-200-300 POWER IMPORTED MICROSCOPE

An UNSURPASSED VALUE - Has precision ground and polished Achromatic optics. Sturdy, lifetime engineered ALL METAL construction. Triple, revolving objective lens turret allows selection of 100X - 200X or 300X. Barrel has right or left hand rack and pinion adjustment for smooth, precise movement. Inclines through 90°. Has large square stage with slide clips. Adjustable plano sub-stage mirror. Complete in a sturdy dovetailed hardwood case. Satisfaction GUARANTEED or Money Back!



8.95

ARMY SURPLUS PANORAMIC SCOPE

Originally used as a gun sighting scope on tanks. Objective head lens revolves through 360° and tilts through an angle of approx. 30 deg. Tube assembly contains 1 1/16" x 3" dove prism. Eyepiece is 1" Kellner and the eyepiece assembly has a 90° Roof prism. Crosshair reticle. Approx. 4 power. Use for range-finder, view-finder, etc.

5.95

BOLO KNIFE & CASE

Made of top quality, hardened steel. Has 15" blade. Ideal for camper, hunter, etc. Comes complete with a leather tipped belt sheath. NEW Only...

1.98

NEW ARMY MACHETTE

Use around camp for clearing brush etc. Has on 18" Vanadium steel blade. Hardwood handle. 23" overall length. Complete with rugged belt sheath. ONLY

1.98

ARMY SKI TROOPER STEEL FRAME RUCKSACK

8.95



Ideal for Camper, Hunter, Hiker, Boy Scout, etc. Made of extra strong Army Duck. Has adjustable straps and bindings of heavy duty web and genuine leather. One large main compartment and 3 smaller compartments. Entire Pac is mounted on a lightweight, comfortable, all-steel tubular frame. A \$12.95 VALUE.

PARACHUTE CAR COVER

Camouflaged NYLON Parachutes. Ideal cover for your car.

13'x20' **6.95** 14'x22' **7.95**

NEW BRITISH ARMY METAL FRAME PACK RACK

Ideal for prospector, packer, hiker, etc. Designed for even weight distribution on shoulders and hips with a minimum of rubbing. Lightweight metal genuine leather straps keep load away from back and allow for comfortable ventilation. Has special canvas covered fold-up pack shelf. Weighs only 3 1/2 lbs.

4.95
NEW

PORTABLE ICE PAC

Ideal for icing down & packing small game, fish, etc. War Surplus. Made of heavy duty neoprene rubber with an insulated core. Adjustable pack straps. 12"x7"x16" **1.99** 20 1/2"x16 1/2"x11 1/2" **2.49**

Order From This Ad. Pay by M.O. or check. P.O.'s accepted from D&B firms. 1/2 deposit with C.O.D.'s. All Prices FOB Los Angeles

12 PC.

SPORTSMAN'S COMBINATION KNIFE

Eliminates 12 Individual Items from your Pack or Tool Kit! Here is the Perfect, Combination Knife-Tool for every Outdoor Sportsman, Hunter, Camper, Fisherman, Boy Scout, Ranger, Rancher, etc. Think of it! 11. Fine quality Steel Tools, precision made to fold easily into the heavy bone covered body. In one neat, compact unit you have (1) a regular knife, (2) a fork, (3) a spoon, (4) a draw-knife, (5) a bone-saw and fish-scaler, (6) scissors, (7) a can and bottle opener, (8) a cork-screw, (9) awl punch, (10) a screwdriver and (11) a metal file. All this PLUS a genuine leather, belt holster.

ORDER NOW While We Can Guarantee Delivery at this Special Low Price

A \$12.95 VALUE **4.95**

Complete with Genuine Leather Holster!

SIZE CLOSED: 4 1/2" LONG

AMAZING NEW BRITISH SELF-GENERATING

12 oz. PORTABLE CAMP STOVE

The smallest, most compact yet entirely practical cooking stove you have ever seen. NO PUMPING - NO PRIMING necessary. Entirely self-generating. Nothing to do but light burner call with a match. Has collapsible grill for frying pan or coffee pot. Burns 2-1/2 hours on one filling of regular gas. ALL BRASS construction. Small enough to fit into car glove compartment, rucksack or pack. Weighs 12ozs.. Fits in 5 1/4" x 3 1/2" metal can when not in use. Ideal for mountain climber, hunter, hiker, fishermen, camper, picnics, etc. GUARANTEED 1 Year.



ONLY 3.98

NEW NAVY SURPLUS WADING SUIT



Ideal for use wherever it is necessary to protect the body from water, mud, silt, etc. Covers the entire body from the neck down. Made to top Government specifications. Originally designed as an Overboard Suit for landing operations. Made of heavy duty rubberized canvas with vulcanized seams. Has built-in rubber boots and gloves. Sizes: Med., Large. \$35.00 Value

9.95

NAVY WADERS

Made to top Government specifications. Finest quality, heavy duty rubber with a warm felt inner liner. Comes up to your chest. Has adjustable shoulder straps, built-in boots and fully vulcanized seams. Sizes: Small, Medium, Large. \$25.00 Value

7.95
NEW

NEW NAVY WADING BOOTS



A SURPLUS BARGAIN! Made of top quality, rubberized NYLON with built-in Latex rubber shoes. The shoe is insulated against cold and has a grip tread sole. Boot is thigh height with adjustable straps. Order one size larger than your shoe size. Sizes: 8,9,10,11 . . .

3.49

SWISS PATTERNED NEEDLE FILES 12 pcs.

For you riflemen who make or repair your own guns - here is a set of imported files that will do the job. Made of the finest quality file steel, specially hardened and accurately machined for precision work. 12 assorted shapes. Usually cost \$5.00 . . .

2.95

OFFICERS POCKET SIZE LENSATIC COMPASS



An all-purpose, precision instrument for the hunter, hiker, camper, surveyor, Boy Scout, etc. Can be used for map orientation, taking azimuth readings or as a guide on unfamiliar terrain. Has a 360° rotating bezel ring marked in 3° notches for fine computation. Cover has a special, built-in "peep" sight and hair-line guide for taking a bearing on distant landmarks or objects.

3.95
5.95

U.S. ARMY FIELD PHONE

A private phone or inter-com system. Ideal for use on target range, farms, mountains, forest or any place where portable two-way communication is desired. This is the famous EE-8 field phone used to success by the Signal Corps. Gives clear reception up to 15 miles. Uses two standard batteries. Set consists of a ringing generator, one phone, all contained in a genuine leather carrying case. Several of these phones can be used on one line. Reconditioned checked out. Price per ea. phone. . . .

14.95

Price for a SYSTEM - two sets . . . **29.50**

ARMY PICMATTOCK

Small, easy to use. Has 12" steel head with Mattock on one side and a pick on the other. 16 1/2" hardwood handle. With carrying case. **NEW! 2.95**

ARMY PORTABLE SHOVEL

Carry in car for emergency shovel. Has 20" hardwood handle. Blade folds to make a shovel or pick. Ideal for camper, gardener. **1.29**

SPECIAL G.I. CANTEEN, CUP AND BELT COMBINATION



Genuine U.S. Army equipment. The 1 quart canteen & aluminum cup with folding handle both fit snugly into the insulated canvas cover. Cover attaches to web pistol belt which has metal grommets for hooking on other gear. A Gov't surplus bargain. . .

2.59

NEW JUNGLE HAMMOCK

Marine Corps Surplus. Has a waterproof tent-type cover, side and bottom. Built-in mosquito bar netting with a heavy duty, rust resistant zipper opening. Can't be beat for cool, insect free relaxation. As shown including ropes and rings. . . .

6.95

CAMP COT MOSQUITO BAR
Genuine Army Surplus mosquito netting. Designed to fit over a camp cot for complete insect protection. **2.49**

PALLEY SUPPLY CO

2263 E. Vernon Ave., Dept. G-1, Los Angeles 58, Calif.

FOR POLICE, GUARDS, WATCHMEN
New! Sensational!

Upside down "HANDI-HOLSTER"
for 2" barrel length revolvers. Gives lightning-fast draw. Top grain leather. Must be seen, and used!

Shoulder style... \$10.00
Belt style... \$8.50
Shoulder-Belt combination... \$10.50

Write for free Brochure
SAN FRANCISCO GUN EXCHANGE
91 Fourth Street • San Francisco 3

NOW - YOU CAN EASILY RE-BLUE YOUR GUN

Gun-lovers welcome the new, improved Minute Man Gun Blue, which in one application instantly preserves steel and iron surfaces. It is a cold chemical — not a paint or lacquer—and comes complete with all necessary equipment.

No Heating—**GUARANTEED** — can't injure steel. **\$1**
SEND
MONEY BACK GUARANTEE

NEW METHOD MFG. CO.
G-11, BRADFORD, PA.

Name.....
Address.....
City..... State.....



PINHOLE PEEP SIGHTS

will help you shoot better than ever with pistol or rifle. They help you eyes eliminate blurred sights; give a clear sharp picture. Easily attached to shooting glasses or spectacles.



3 PINHOLE PEEP SIGHTS.....only \$1.00 ppd.
ALBERT L. BALL 494 Salisbury St.
Worcester 5, Mass.

KALMAR GREAT DANES

These noble dogs are ideal guards and companions. Shipped on approval. Not expensive. Write for pictures and monthly payment plan.

6 CHAMPIONS AT STUD
KALMAR GREAT DANES, REG.
STONE MOUNTAIN 7, GA.

for a proud future

You can rely on

GEORGE BROTHERS • GREAT BARRINGTON • MASSACHUSETTS

WHOLESALE - RETAIL

GUNS • SCOPES
Reloading Tools • Binoculars
Cameras • Home Shop Tools
Home Appliances • Outboard
Motors • Boats • Tents
Sleeping Bags • Archery
Fishing Tackle

FREE CATALOG Dealers
Shooters
RAY ROUSH, Box 66, Hoagland, Indiana

.222 CARTRIDGE

(Continued from page 28)

and two were approximately 300 yards away. In no case was more than one bullet needed for each of the ten animals.

There are only three reasons against more regular use of this most-popular varmint caliber for such smaller species of big game as deer and pronghorned antelope. First, some states outlaw the deadly little cartridge on a blanket basis, because it admittedly isn't stout enough for the larger species of big game, or under extreme conditions of long range and in wind. Second, like all ultra-velocity loads, the .222's light 50- to 55-grain bullets are likely to fly to pieces if they encounter weeds or brush.

Finally, the .222 takes a fair degree of marksmanship to make sure hits and kills. The cartridge has proved its versatility in so many different forms of rifles that its accuracy is no longer a question. Many bench rest shooters swear it is the finest all-around cartridge in its class ever developed. But for the snap shooter who wants a cannon ball to plough through underbrush or drill through Tennessee ridges the .222 is a little light. Yet when the .222 connects, fair and square, it does the job.

I have never known a .222 bullet to fail to expand on such varmints as prairie dogs, woodchucks or jackrabbits. In fact I've seen some 300-yard shots on woodchucks that showed such violent tissue damage that an experienced varmint hunter might take it to be a close-up 100-yard kill. That is not a uniform performance by any means, but it has been noted several times, both with the factory 50-grain bullets, and with 50-grain Hornady spire-points. At 200 yards such damage is quite regularly noted, with but very rare exceptions. And at 100 yards I have seen no exceptions.

I've also experimented with jacketed .222 bullets—made by reversing soft-nosed bullets in RCBS dies—on various varmints of the woodchuck, jackrabbit and prairie dog category. This experimental shooting was intended as a prelude to using such bullets on South Dakota wild turkeys—which may be taken with rifles suitable for big game, or optionally with shotguns. But, because of the relatively open cover in which the birds are

normally found, shotguns are very seldom used for the Thanksgiving birds.

These finished jacketed bullets were somewhat round-nosed. The main difference in their performance on varmints was the absence of the explosive "whock" that so regularly marks soft-nosed bullet contact with a meat target. And they were only about one-third as destructive of tissue as the soft-nosed slugs. However, they were damaging enough so I didn't want to use them on turkeys, for fear that hitting a bone would literally blow a bird asunder.

At present I am experimenting with loading down to the 1,800 to 2,000 foot per second range, with both soft-points and jacketed bullets, in trying to find a turkey load that is not overly destructive. These are to undergo tests on woodchucks, with the bullets pin-pointed through the shoulders; since the destructive effect noted ought to closely parallel similar hits on turkeys. The answer may lie in a heavy-jacketed bullet, with the lead core brought up just flush with the nose of the jacket. If a sufficiently heavy jacket is used I doubt that it will even be desirable to use a lead-alloy core; the softer pure lead for cores may be entirely adequate and not conducive to any excessive meat damage.

I would advise against trying the .222 on big game, such as mule deer which are often found in wide-open country or have to be taken at long range across mountain canyons. And definitely it's not for elk, where I have seen a .30-06 bullet fail to go through the near shoulder of a cow elk at no more than fifty paces from the muzzle. That 180-grain bullet literally powdered the knob-bone of the shoulder joint, and knocked the cow down, but she got up and had to be shot through the neck as she should have been hit with the first shot.

Yet these—bigger deer and elk—are large even for the ordinary "big game" cartridges. It's for the smaller animals that class as "big game" that the .222 shows up well. Aside from the six taken with the .222, I have killed nearly 100 antelope, with rifles ranging all the way from the fine .270 through the .300 Weatherby Magnum. But I can't honestly say that that any six consecutive kills with the larger calibers killed pronghorns as fast as did the .222. In fact I've seen a buck antelope, after being ideally hit through the rib cage with a 130-grain .270 bullet, run a full 125 yards before he went down. And several others ran from 40 to 60 yards under similar conditions. If the bone and muscle running gear is not damaged, that seems quite standard on kills achieved by the larger calibers, unless brain or spinal cord is injured.

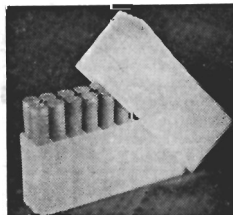
When the .222 stings them, they stay stung. I have never seen a whitetailed deer or an antelope travel more than 40 yards when hit with my .222. And it didn't seem to make much difference whether the bullets blew up inside or went through, relatively intact. They were all killed very rapidly.

For stalker-marksmen-hunters, who are willing to wait for and take the ideal shot, I'd unhesitatingly recommend the .222 Remington as a fine little rifle to carry, very accurate in the majority of cases, and very deadly in its performance on these two smaller species of big game. If the hunter will do his part, the tiny bullet will oblige him with very satisfying results—and no cartridge could do more than that! ●

CLADALLOY BULLET CO.

Manufacturers of the popular new machine cast copper clad alloy bullets which can be driven at highest velocities. Available for hand guns and rifles. At your dealer or order direct. Write for free list and folder. Immediate delivery.

BOX 643 NORTH HOLLYWOOD, CALIF.



HUNTERS, HAND-LOADERS

TOUGH, PLIABLE PLASTIC CARTRIDGE BOXES

Will not wear out. STOP! — rattling, dirty and damp cartridges. Calibers .222 Remington thru .300 Magnum. Holds 20 cartridges, only \$1.00 each. Postpaid. ENCLOSE REMITTANCE. NO C.O.D.'s.

Dealers' and Jobbers' inquiries invited.

BRAD'S GUN SHOP

204 CALADIUM ST., LAKE JACKSON, TEXAS

REBARRELLING JAPANESE PISTOLS

A few years ago there were plenty of Jap pistols floating around and no ammunition available. One man bought a gunny sack full of 1500 8mm Nambu cartridges and found them to be all duds . . . little if any of the Jap ammunition was adequately sealed to keep long. Yet the Jap pistols were potentially good guns. The shortage of ammunition made them sell for as little as \$5, but Francis Fell of the Chicago Brinks office thought something could be done with them.

He cut off the barrel and fitted a used barrel in 38 caliber from a Colt Police Positive. Then the bolt was slightly cleaned up, and a special cartridge guide worked into the receiver. Solid-head Western .38 S&W cartridges were used, with a turn taken off the rims to permit them to fit the bolt face, but



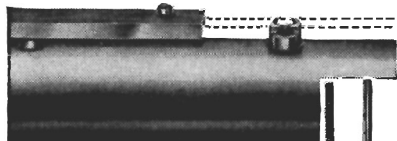
enough rim was left to hold the shell against the end of the barrel.

Nambus have an odd long trigger pull which is almost without "creep" or changing tension. Many enthusiasts have thought that the Nambus would be good shooting guns if ammunition could be found. Fell claims quarter-size groups from this gun at 20 yards, and he cautions against the use of folded-head shells—only solid brass such as the Western ammo should be used.

The NEW SIMMONS DELUXE VENTILATED RIB POSITIVELY STOPS DISTORTION from HEAT WAVES . . . Let's You POINT FASTER . . . SHOOT BETTER!

For ALL GAUGES, ALL GUNS

The new, unique Simmons Deluxe Ventilated Rib supports are **HOL-LOW!** That means lightness for easier handling . . . complete diffusion of heat waves. No shimmer in your line of sight.



DEPEND ON SIMMONS FOR:

- Custom fitting • One week service
- Straight sighting plane • Anchored at one point only
- Strong lightweight construction • Not affected by heat, rebulding or barrel expansion and contraction
- All supports silver-soldered to barrel.



Send for Simmons New Complete Catalog

Dept. D-15, 504 E. 18th St., Kansas City 8, Mo.

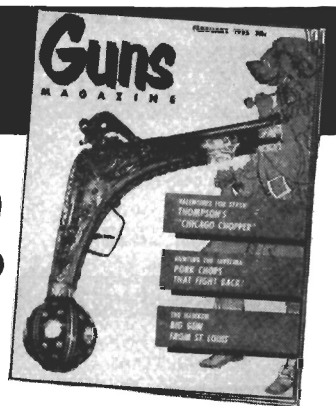
COLLECTORS • HUNTERS • GUN BUGS •
POLICE • MILITARY • SHOOTERS •
GUNSMITHS & HOBBYISTS • WESTERN FANS

READ . . .

Guns

MAGAZINE

*Articles in Every Issue of
Interest to Every Kind of Gun Fan!*



THESE ARE SOME OF THE ARTICLES

that appear in current and future issues . . .

Are Pistol Champs Drunks? • Teddy Roosevelt's Hunting Guns • F. D. R. as a Shooter • What's Wrong with Target Rifle Shooting? • How Bullets Behave • The Guns of Buffalo Bill • Why Ducks Don't Stay Killed • Great Guns in History • Luger, the World's Most Famous Hand Gun • Why Target Hand Guns Are Outmoded Antiques • The New Muzzle-Loading Vogue • Guns of Annie Oakley • Shooting Iron Too Hot To Handle • Trap VS. Skeet • And Scores of Other Interesting, Useful Features

HOW GUNS BRINGS YOU GREATER PLEASURE FROM YOUR . . .

Hunting . . . Shooting . . . Collecting.

EACH ISSUE of GUNS brings you real down-to-earth information you can use on your hunting trips . . . tricks, secrets and techniques for your target shooting . . . ideas on the care of your guns . . . how-to-do-it ideas for storing and displaying your firearms.

YOU'LL BE PROUD to display the handsome issues of GUNS . . . printed on the finest coated paper . . . illustrated with hundreds of large clear photographs . . . printed from the most expensive deep-etched copper engravings so that you can see every detail clearly.

WE KNOW you'll enjoy GUNS Magazine. You'll want to read every issue from cover to cover—and save every copy so you can refer to them again and again.



THESE ARE A FEW OF THE WRITERS

whose articles appear in current and future issues . . .

Under the Direction of Ben Burns, One of America's Best-Known Editors, GUNS Technical Staff includes:

William B. Edwards

Technical Editor

Widely traveled authority who has imported guns from Europe and Central America . . . author of "The Story of Colt's Revolver" published by Stackpole . . . designer of automatic small arms . . . Arms editor of "Modern Man" . . . contributor to leading publications.

Colonel John Huling

U. S. Ordnance Corps, retired . . . a lifetime of experience with military arms.

Colonel Charles Askins

A top ranking marksman . . . has won many pistol championships . . . has over 650 medals . . . author of "Pistol Shooter's Handbook" . . . writes in breezy style with full knowledge of subject.

H. Jay Erfurth

An active hunter . . . shoots test survey guns for Gun Rack column reports . . . has hunted animals from rare Siberian Tiger to Wisconsin deer.

Jac Weller

Has made a study of English weapons and earlier American arms.

SUBSCRIBE NOW!

GET 12 ISSUES OF
GUNS Magazine for only \$5

**PLUS
2 ISSUES
FREE!**

Subscribe now to GUNS Magazine at the regular rate of \$5 and get the first TWO ISSUES of GUNS FREE!

Guns

MAGAZINE IS A



Published by the Publishers of
ART PHOTOGRAPHY-MODERN MAN

GUNS MAGAZINE

8150 N. Central Park, Skokie, Illinois

Please enter my subscription for Guns Magazine for:

- | | |
|--|-------------------------------|
| <input type="checkbox"/> 1 year \$5 | I understand, if I subscribe |
| <input type="checkbox"/> 6 months \$3 | for 1 year (or more) I will |
| <input type="checkbox"/> 2 years \$9 | receive the first 2 issues of |
| <input type="checkbox"/> 2, one-year subs. . . . \$9 | Guns Magazine, absolutely |
| | FREE! |

My check (money order) for \$_____ is enclosed.

NAME _____

ADDRESS _____

APT. NO. _____

CITY _____

ZONE _____

STATE _____

G-11

FREE CATALOG

"Quick-Draw" Holsters

- CUSTOM MADE
- THE BEST SINCE 1897

S. D. MYRES SADDLE CO.

P. O. BOX 5247
EL PASO, TEXAS



EZELOAD-CLIP SLIDE

Clip loader for 22 semi-automatic pistol clips. A light weight carefully designed slide with thumbrest for easily depressing clip-spring clear to the tenth cartridge. Your thumb or finger never gets sore. Reload quickly. Fits popular clips having pin or bottom spring depressor on side.



Order one now... only \$1.00 ppd.
494 Salisbury St.
ALBERT L. BALL Worcester 9, Mass.

"RANDALL MADE" KNIVES

the FINEST YOU CAN BUY

The demand for these world famous handmade knives has become so great that at present I'm several months behind in deliveries. However, I refuse to lessen their quality by mass production. Your patience will not go unrewarded.

Send 20¢ for descriptions, prices and instructive manual. 50¢ for fighting knife booklet.
W. D. RANDALL, JR., Box 1988-G, ORLANDO, FLA.

the original GUN-TOTE
PAT. APPL. FOR
RIFLE OR SHOTGUN CARRIER FOR YOUR AUTO

● NEW—SAFEST, most practical way of carrying your guns—cased or uncased. Clamps on or off back of front seat in a jiffy. Steel frame completely encased in vulcanized rubber.

4 gun carrier\$6.95
2 gun carrier 4.95

See your local dealer or clip ad and order direct from ☐ Check Enclosed ☐ Send COD
DON BERRY, INC., Bend, Oregon

DEM-BART CO.

"WORLD'S FINEST CHECKERING TOOLS"

Peep Sights for Redfield and Buehler Mounts.
Nipples for Cap & Ball Revolvers.....25¢
At your Dealers or—
3333 North Gove St. Tacoma 7, Washington

GUN-KADDY... Handier! Safer!

PREVENTS GUN HANDLING ACCIDENTS
Avoids "lost shots," always "ready!"
Leaves both hands free... Eliminates gun-toting fatigue... Provides effective recoil protection... Adjustable to wearer and all guns... Made of top grain cowhide... LIBERAL MONEY BACK GUARANTEE.

Price \$12.50 Postpaid in U.S.A.
GUN-KADDY, Box 144, Traverse City, Mich.

SMILEY CASE TRIMMER #55

WITH THE NEW PRESS-FIT PILOTS
THE LEADER IN DESIGN, PERFORMANCE,
AND VALUE.
FOUR NEW MODELS NOW AVAILABLE

The only case trimmer made that trims and deburrs both inside & outside in one operation—The fastest & lowest-priced complete trimmer. One stationary collet takes all cases—Guaranteed. No other trimmer can compare in speed and performance. Test all.

Sold by Dealers Everywhere

G. T. SMILEY COMPANY
Box 54 Clipper Gap, California

CARTRIDGES

(Continued from page 45)

caliber military load, and our only military cartridge of the period that was never made at any U.S. arsenal. They were furnished the Navy under contract by Winchester and U.M.C.

The ball cartridge with its 112 grain plated copper jacketed bullet is second from right in the photo. This same type bullet was used in the training dummy at the extreme left. There was no powder in this dummy cartridge, but instead a square wood stick extended from bullet base to the bottom of the cartridge, and kept the bullet from being driven back into the case.

The cartridge is identified by a small hole drilled through the side of the case. To its right is the Gallery Practice cartridge, with a light load of powder and plain 80 grain lead bullet. This was also used as a guard duty load. At the extreme right is the blank cartridge with the waxed gray colored paper bullet.

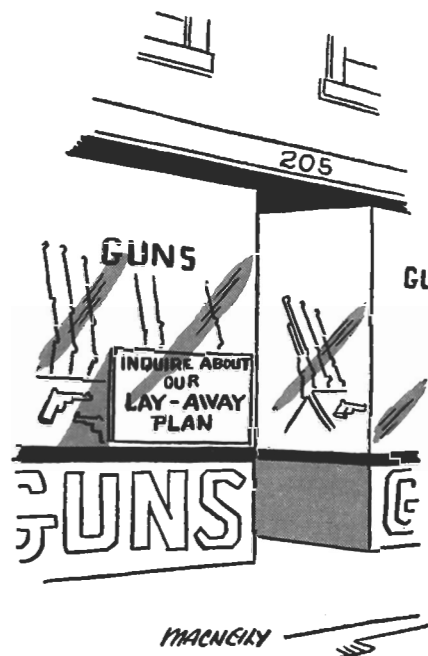
In addition to the ones shown, there is another cartridge that may be included in this set. It is the ".236 USN Rimmed," a rimmed version of the 6mm USN rifle round. There is still much speculation as to the purpose of this cartridge. It is said that these rifles, although designed for the rimless cartridges, will handle the rimmed ones, if the shells are fed into the chamber of the gun, through the magazine. An original box of these rimmed cartridges seems to carry out this theory since it is marked "For United States Navy Rifle, .236 Caliber, 36 Grains Smokeless Powder, 136 Grains Steel Jacketed Bullet." The rimless shells came in a box labeled "U.S. Navy Small Arms Cartridges For Rifle and Machine Gun. Smokeless Powder, 112 Gr, Copper Jacket Bullet". Both these boxes were Winchester. Reportedly, some experimental rifles were made in caliber .236 USN rimmed.

These military cartridges bore the usual commercial headstamps such as "WRACo 6mm USN", "UMC 6mm USN" and some times "WRACo .236 USN". The 112 grain metal jacketed and soft point sporting cartridges were made for many years. It seems too bad that the government discarded this gun and cartridge so soon. Further study and development might have brought forth some very interesting results with this early small bore smokeless cartridge.

'Unknown' Shotgun Shell Gauges

After I had come across those two "new" gauges of shotgun shells: the 18 ga. "Nitro Club" and the 30 ga. Murata, earlier this year, I wondered if there might not be more "unknown" gauges. I began checking old catalogs, and found a couple that really have me wondering.

The 1875 Winchester catalog lists the 11 gauge, and the 15 gauge empty primed brass shot gun shells at \$12 per 100. In addition these gauges were listed in both the "A" gauge for guns chambered for paper shells, and in "B" gauge—which were smaller diameters—for use in guns chambered for brass shells. So in theory, that makes four more new gauges... but do they actually exist?? Ever seen one??



Question Marks

"I have had a .45 Martini Henry rifle cartridge in the collection for quite a while. The other day I bought a '577/450 Martini Henry' and it turns out to be the same shell. Why the fancy name?" O. N. New Orleans.

Yes, they are the same cartridge. The English are great on this system of nomenclature, as shown in their 450/400, the 400/360, the 375/303 etc. What it represents—in the case of your Martini Henry—is that cartridge was designed from the old 577 Snider caliber, but necked down to the .450 bore or .45 caliber. In this system the first figure represents the size of the rear portion of the shell while the second figure is that of the bullet caliber, to which the case is necked down. So while the system sounds confusing, it actually gives quite a bit of information on the case dimensions of the cartridge.

"I just got in a Robin Hood 12-12 R.H.P. CO, pink shell. Was this by the Robin Hood Company of Swanton, Vt.? Also, did they make any other brands of shells?"—J. B., New York City.

The shell that you have is made by the Robin Hood Powder Co. of Swanton. This company began operations in 1898 making gunpowder. The next year they branched out and started loading shotgun shells that they imported from England. Then they made and loaded their own shells under their headstamp. The company continued operations until 1906, when they reorganized under the name of the Robin Hood Ammunition Company. As the powder company they made only shotgun shells, but as the ammunition company they added a line of rim fire and center fire rifle and revolver ammunition. The company was finally bought up by Remington in June of 1915, and following the World War, the plant was closed.

The company had many colorful brand names for their shotgun shells, including "Robin Hood," "Autocrat," "Automatic," "Clipper," "Comet," "Crescent," "Indian," "Capital" and "Tiger." There are few collectors who can show the entire set.

THE GUN MARKET

Classified ads 10c per word per insertion including name and address. Payable in advance. Minimum ad 10 words. Closing date for the January, 1956 issue

(on sale December 1) is October 16. Print your ad carefully and mail it to: GUNS Magazine, 8150 North Central Park Blvd., Skokie, Ill.

ANTIQUE ARMS

BIGGEST DISPLAY of antique and modern guns in midwest. Bring your trading stock. We buy-sell-trade. We do gunsmithing, chrome and nickel plating, rebluing. Hours daily 12-9 P.M. Sundays 9:30 to 5 P.M. Frontier Trading Post, 482 Northwest Highway Route 14, Des Plaines, Ill.

GENUINE CIVIL War carbines in working order at \$27.50 each. Sharps, Starrs, Smiths, Burnside's, Maynards, Spencers, Gallaghers and 45/70 Springfields. Please state second choice. Original U.S. Civil War Cavalry swords with scabbards \$11.50 each. Wallingford Hall, 21 York St., Kennebunk, Maine.

RARE AMMUNITION. Send 10¢ for single specimen list. Jackson Arms, 2926 No. Henderson, Dallas, Texas.

ASK AGRAMONTE—Antique Colts, Kentuckles, Winchesters, Wheellocks—anything in Antique guns—bought—sold—traded—Agramonte, 201 Warburton, Yonkers 2K, N. Y.

BOOKS ON antique guns, the Confederacy, and Western lore. Free list. Jackson Arms, 2926 No. Henderson, Dallas, Texas.

LARGE, VARIED stock of antique guns. Write us your needs. Illustrated catalogs issued during past three years available—7, 9, 10, 11 @ 50¢ each: Catalog 8 @ \$1.00. Jackson Arms, 2926 No. Henderson, Dallas 6, Texas.

WORKING MINIATURES: Colt Walkers, Patersons, Kentucky Flintlocks, Astons, Remingtons and miniature powder flasks. Hand-made of the highest workmanship. Photo Catalog \$1. Fred Thacker, 444 G. Cortez Dr., El Paso, Texas.

PISTOLS, ALL types U.S. and Foreign. List 3 Dimes. Shoulder Arms, all periods, Sporting & Military, List 25¢. Flasks, List 2 Dimes. Locke, 3607 Ault Park Rd., Cincinnati 8, Ohio.

MANY MODERN, Antique Guns. List 10¢. Modern, Obsolete Cartridge list 10¢. Ed Howe, Coopers Mills 10, Maine.

ARMS & AMMUNITION

AMMUNITION: 30-06 SPRINGFIELD—factory loaded only \$5.50 per 100 rounds. \$42.50 per 1,000 in case lots of 1500. Shipped Duty Free. International, 1011 Bleury, Montreal, Que.

AMMUNITION: CUSTOM and collectors. Components For All Loading. 6.5 Jap SP. \$5.00. 6.5 Carcano SP. \$5.00. 8MM Nambo \$7.50. 30 Carbine \$5.50. 38 Spec. \$32.50 Per 1,000. Write For Complete List 25¢. Shell Shop, 3705 Sunset Blvd., Los Angeles 26, Cal.

CARTRIDGES FOR collectors, gun books. New Handbook-Catalog #18 mailed for 25¢ coin. McDanel & Wheeler, Osborne, Kansas.

AMMUNITION 50% DISCOUNT catalog list 200 Calibers 10¢. Pacific Firearms, 1517 Gardner, Los Angeles 36, California.

LEGAL, M-1 GARAND Rifles, Perfect \$125.00. Carbines. \$80.00. Armsco, Mayer, Arizona.

FOR SALE—mounted animals, birds, deer heads, fur rugs, African Horns. Bargains. Glass eyes, scalps, supplies. Hides tanned. Hofmann Taxidermy Studio, 1025 Gates. Brooklyn 21, N. Y.

JAP RIFLE ammo in new norma cases. \$3.75 for 20, plus postage. Jim's Gun Shop, Warrenton, Va.

COLLECTORS & SHOOTERS—Attention: New list now being mailed covering Gun Accessories, Military Equipment, Leather Goods, Helmets, Armor, War Relics, Powder Horns and Flasks, Medals and Insignia, Shells and Grenades, Uniforms—profusely illustrated, 25¢ ppd. Martin B. Retting, Culver City 23, Calif.

RE-BARRELLING FOR almost any standard or Wildcat cartridge. Including new .244 Remington and .243 Winchester. Complete custom guns built to order. Old barrels made new by re-boring. Barrel blanks for gunsmiths. Free circular. Advice gladly given on your shooting problems. P. O. Ackley, Box 185, Murray, Utah.

S&W REVOLVERS—RELOADING Tools Moulds for revolver bullets that eliminate leading, guaranteed. Ray Thompson, Grand Marais 4, Minnesota.

.30-40 Krag, AS issued, perfect bore, very good outside \$40.00. 30-06 M2 ammunition, dated 1942-1945, in M1 clips, \$5.00 per 100. E. R. Thomson, 23 Pinekney, Greenville, S. C.

CUSTOM CHECKERING! Attractive, shooter-styled checkering on your rifle or shotgun stock, 16 lines to the inch, \$5 plus return postage, satisfaction guaranteed. David Wayland, Box 2446, Hollywood 28, California.

GERMAN MOD. 98 8 MM Mauser Rifles—very good, \$37.50. U. S. '06 cal. Springfield rifles, good, \$42.50; very good, \$55.00; perfect, \$65.00. Jap 7.7 mm rifles—very good, \$18.00. Jap 6.5 mm rifles, very good, \$20.00. Jap 30. '06 cal. converted rifles, very good, \$25.50. Free gun list. Freedland Arms, 34 Park Row, New York 38, New York.

BINOCULARS & TELESCOPES

BINOCULARS 22 MODELS, at direct importers' amazing prices. Free trial. Folder "Binocular Selecting", catalog free. Dealers wanted. Prentiss Company, 209 Mercury Building, West Los Angeles 25, Calif.

GUARANTEED REPAIR service for all model binoculars and gunsopes. Includes hardcoating, recentring lenses, collimator alignment, posts, crosshairs and rangefinders installed to order. Part replacements and refinishing. Write or send instrument for free estimate. Seattle Binocular & Scope Repair Co., Seattle 1, Washington.

BINOCULAR SPECIALISTS, all makes repaired, including scopes. Authorized Zeiss, Hensoldt dealer. Tele-Optics, 5514 Lawrence, Chicago 30.

"WHICH MODEL?", "How to Check Alignment"—Free leaflets by Binocular Experts; ¼ century experience. Binocular List with quality analysis. Free repair estimates. Mirakel Repair Co., Mount Vernon 8, New York.

FIREARMS

SEND 10¢ FOR lists either shotguns, rifles, handguns, ammunition or binoculars; or send 25¢ for all lists. Frayseth's, Willmar, Minnesota.

RIFLES, PISTOLS, shotguns. Write us your wants and what you have to trade. Need old Winchesters, Colts, Remingtons. Midwest Arms Exchange, 28 N. Hazel, Danville, Ill.

FOR SALE

LONGHORNS MOUNTED. Handtooled leather 4 to 7 ft. Harrison, 288 W. Almeria, Phoenix, Ariz.

WIN. MODEL 92 38-40 good \$25. Walter Westberg, Naugatuck, Conn.

FRONTIER COLT, single slx grips, walnut, maple or cherry, smooth, \$4.75, checkered \$5.75 Postpaid. Also in rare tropical hardwoods, Rosewood, etc. Free brochure. David Wayland, Box 2446, Hollywood 28, California.

PARKER CHE 12 GA. double new 365.00. Parker singles trap Guns. Win 21 trap gold inlays fully Engraved \$95.00. 4—Griffin Howe Rifles with scopes, 50 assorted high grade Guns. Send for lists. Gun Exchange, Well, Minn.

7.7 JAP HUNTING cartridges \$3.50 per 20; 3 boxes Express Prepaid, \$10. Bargain gun list, 10¢. Underwood's, Post Road, Shrewsbury, Massachusetts.

100,000 GUNS, RIFLES, buy, sell, exchange modern, antique, complete lists. Mutual Exchange, Box 6651, Columbus 9, Ohio.

DAVID CROCKETT curly maple and walnut gun stock blanks sawed to patterns five feet long post paid \$12.00. L. G. Stockberger, Garrettsville, Ohio.

OUT-Of-Print Books that will interest readers of "Guns". Wants supplied, Lists issued. Ray Russell, 527 Harrison, Rochester, Mich.

GUN CABINETS

GUN CABINETS, Racks. Complete selection. Send 25¢ for Catalogue, Dept. D, Knoxville Products, Knoxville, Iowa.

GUNS

SELECTION OF 300 Shotguns, Rifles & Pistols, foreign and domestic. Illustrated catalogue 25¢. Davis & Sons, Inc., 400 E. Jefferson, Louisville 2, Ky.

GUN COLLECTOR Henry J. Dwillard fine shotguns for particular shooters imported and American buy - sell - trade. 1516 Sunnyside Drive, Kalamazoo 17, Michigan.

500 SHOTGUNS-RIFLES, Brownings, Parker-Fox-Ithaca-Greeners Bought-Sold-Traded. New and Used Guns of all Makes. Check me for Low Prices. Maynard Shoop, Mt. Holly, N. J.

WORLD'S FINEST guns. Unequalled conditions. Rare Swiss Lugers, German Commercial Lugers, commercial Mausers, Walthers, some others. Rare Swiss army Carbines. Swiss army rifles, finest condition obtainable, yet lowest prices. Fascinating booklet, only 20¢ stamps). Kenneth Lane, Tunnel 5, Lausanne, Switzerland (Airmail, 15¢). NRA Life.

GUNS!!! GUNS!!! Guns!!! New—Used Hunting Bargains. Mausers, Lugers, Kentuckles, Winchesters, Antique Arms. Catalog 50¢. Ed Agramonte, Inc., 201 Warburton, Yonkers 2K, N. Y.

COLT SINGLE Actions \$35.00 to \$125.00. Greer Firearms Company, 1002 West Poplar Street, Griffin, Georgia.

M12 TRAP & M12 SKEET Near new. P. Miller 1332½ S. Cloverdale, Los Angeles 19, Calif.

NEW REMINGTON M722, 244 caliber \$88.35. New Winchester M70, 243 Caliber \$120.95. Most others. Jeff Trader, Pocomoke City, Maryland.

FAMOUS .45 SMITH & Wesson and Colt Revolvers with holster \$22.50. 30-06 Enfield Rifles (Mfg. by Winchester, Remington, Eddystone) 6-shot repeater \$29.50. Also available in .303 British Caliber \$24.50. 30-06 Springfield Ammunition \$5.50 per 100. Shipped Duty Free. Send remittance for immediate shipment. Dealers Discounts. International Firearms Co., 1011 Bleury, Montreal, Que.

270 RIFLE BY Gartman. The finest grade money can buy. Fully relief engraved and gold inlays. Bausch 4 power scope. Brand new \$295.00. Dr. Sloan, 328 Graydon Terrace, Ridgewood, New Jersey.

WINCHESTER MODEL 50 automatics, \$120.50. Browning Double Automatics, Standard \$123.00. Lightweight \$133.00. Ruger Single Slx revolvers \$63.25. Cherry's, Geneseo 50, Illinois.

30 CALIBER 12-SHOT high-power precision Swiss Rifle, silk-smooth action, fine accuracy, low recoil, excellent shooting condition, \$14.95; 48 MC cartridges \$5.00; Hunting ammo \$3.00 per 20. Brochure Free. 32-page Catalog #15 Modern & Obsolete Pistols, Rifles and Shotguns, Obsolete & Hard-to-get Foreign & American Ammunition, Leading Tools, Clips, Magazines, Accessories.—Price 25¢ ppd. Martin B. Retting, Culver City (23) Calif.

"22 CALIBER SHORT Lee Enfield (SMLE) Service Model Rifles (similar to .303 Short Service Rifle No. 1). The best Training Rifle ever made. Only a small quantity originally manufactured. \$24.50 each. .22 Caliber Famous B.S.A. Martini Target Rifles, Models 6 and 8 with precision Parker Hale micrometer sights. (Over \$100.00 value). \$39.50 each Shipped duty free. Send remittance for immediate shipment. International, 1011 Bleury, Montreal, Que."

ALL NEW GUNS in stock, buy-sell-trade. Write your wants. Jeff. Trader, Pocomoke City, Maryland.

WE CARRY a complete line of Shotguns Rifles Pistols both Foreign and Domestic, Browning, Ithaca, Sako, Marlin, Winchester, Fox, Remington, Colt, Savage, Smith & Wesson, Ruger, Browning also specializing in Rebluing re-finishing double barrels and other fancy type guns, Damascus etc. Complete gunsmithing. Ted Jones, King of Frontier, Gunsmiths, P.O. 1327, Stuart, Florida.

FOR SALE: M37 Ithaca pump guns, New \$72.50, with rib \$85.00. Remington M722, 244 caliber, New \$82.80. Sears Higgins M20 DeLuxe pump, powerpac, ventilated rib, excellent \$59.50. Winchester M42 410ga. pump, excellent \$59.50. Remington Derringer broken hinge, fair \$22.50. Great Western 22 New \$75.00. Jeff. Trader, Pocomoke City, Maryland.

LEATHERCRAFT

FREE! LARGE Complete Leathercraft Catalog. J. C. Larson Co., 820 S. Tripp, Dept. 5558, Chicago 24.

CARTRIDGES BELTS and Holster West Style \$12.00. With two holsters \$16.00; Holsters \$4.00. Stamps for circulars. General Mercantile Co., Laredo, Texas.

PATENTS

INVENTORS: WHEN you are satisfied that you have invented something of value, write me, without obligation for information. Write Patrick D. Beavers, Registered Patent Attorney 1099 Columbian Bldg., Washington 1, D. C.

INVENTORS—THIS firm is registered to practice before the United States Patent Office and available to assist you in the preparation and prosecution of your patent application. "Patent Protection for Inventors" booklet containing detailed information and steps to take toward patent protection sent promptly upon request. No obligation. Victor J. Evans & Co., 155-M Merlín Building, Washington 6, D. C.

INVENTORS—SEND for free Patent Information book and Inventor's Record. Registered Patent Attorney. Associate Examiner, Patent Office 1922-29; Patent Attorney & Advisor, Navy Department 1930-47. Gustave Miller, 105GP Warner Building, Washington 4, D. C.

SCOPES

WE DARE you to ask our price on that scope, mount or handloading item before you buy! Miller's, Box 1064A, Missoula, Montana.

LEE DOT The Original Center Dot Reticule For Scope Sights Will improve your shooting. Endorsed by leading authorities. Factory equipment. America's finest scopes. Bausch & Lomb, Lyman, Fecker, Unertl, Stith Cub, Leopold Stevens, Bushnell Scopemaster, and Weatherby. Immediate delivery above. Also Weaver's. Or installed your customers scopes listed above promptly. Write For Free Illustrated Folder and Price List. T. K. Lee, P.O. Box 2123, Birmingham, Alabama.

8 x 56 BAUSCH & LOMB Binocular; 20x Balscope with 40-60-75x eye pieces, cheap. DuMaurier, Elmira Bldg., Elmira 6, N. Y.

SELL OR TRADE

GUNS AND Fishing tackle bought sold and traded. List 10¢ Agawam Associates, Box 53, Agawam, Mass.

RELOADING

30M1 CARBINE HUNTING Reloads \$10.00 per 100, 38 Special \$5.00 Per 100, 220 Swift \$2.90 Per box (20). FOB Ft. Pierce. 150 Gr. Semi-W. C. and 158 Round Nose cast Bullets \$1.50 per 100 Postpaid. Christopher, Custom Reloader, Box 2062, Ft. Pierce, Fla.

TAXIDERMIST

FOR SALE—mounted animals, birds, deer heads, fur rugs, African Horns, Bargains. Glass eyes, scalps, supplies. Hides tanned. Hofmann Taxidermy Studio, 1025 Gates, Brooklyn 21, N. Y.

TRAVEL

"SEE ALASKA in Color." Largest selection of game and all Alaska subjects. Free catalog, over 400 2x2 slides, Special—12 game slides, airmail, \$5.00. Northern Color Film Co., Box 6, Cooper Landing, Alaska.

WANTED

CIVIL WAR Muskets, Carblines and Revolvers. Davis Brothers Gun Shop, R.R. #5, Grand Rapids 4, Michigan.

COLT DRAGOON, Oscar DePrato, 311 Apple Grove Rd., Silver Spring, Md.

REMINGTON HAND guns in fine condition. Especially interested in securing a Beal's Pocket Revolver, 2nd Model. W. E. Florence, 43 Berkeley St., Reading, Mass.

CASES AND accessories for Colt pistols, especially case for 1851 Navy. Ernie Cavin, 3318 Ave. N, Galveston, Texas.

FREAK AND Oddity Antique Firearms. By Specialty Collector Write: Eddie Reider, Box 191, Rochester, Pa.

COLTS & REMINGTON Cap & Ball guns wanted. Top prices paid. Roy C. Rorabaugh, 302 No. 30th St., Lincoln, Nebr.

COLTS & REMINGTON in shooting order or just parts of guns, highest prices paid; give details and price. Roy C. Rorabaugh, 302 N. 30th St., Lincoln, Nebraska.

HIGH QUALITY shotguns and rifles, bolt action rifles marked "Mauser Werke A.-G. Oberndorf a.-N." or "Waffenfabrik Mauser A.-G. Oberndorf a.-N.". Carroll Haines, McQueeney, Texas.

MISCELLANEOUS

ELECTRIC PENCIL: Engraves all Metals, \$1.50. Beyer Mfg., 10511-Q Springfield, Chicago 43.

100 LETTERHEADS 8 1/2 x 11, 100 Note-heads 8 1/2 x 5 1/2 and 100 envelopes printed \$2.98. Regal Press, Crooksville, Ohio.

POWDER MEASURE. Build one. Inexpensive. Full size drawings and instructions \$1.00. L. Truitt, Walcott, Iowa.

BUY SURPLUS direct from Government. Boat, motor, truck, jeep, hunting, fishing, camping, sporting Equipment Radio Photographic, Power tools, machinery & hundreds others listed in our Bulletin "Surplus Sales". Price \$1.00. Box 169UH, East Hrd 8, Conn.

SCROLL ENGRAVING—lowest prices, quality workmanship. Ken Shaffer, Delphos, Ohio.

NEW-TOP—"Thumbslide" safety for Remington #11-48, #870, #760 & #740—Browning auto. shotguns & Remington Mod. #11. Write for folder. J. Dewey Gun Co., East Hampton, Connecticut.

LOOKING FOR unusual collectors items? Send 3¢ stamp for latest list. Anthony Gallo, 369 Holly Drive, Levittown, Pa.

LIST OF guns for stamped envelope. Potras Station, Cross Timbers, Missouri.

MILING MACHINE: Ideal for Gunsmithing. 6" Table Travel. \$149.50 Complete. Southern Machine Tool Co. Conyers 7, Ga.

SHOOTERS: IF you are interested in learning Gunsmithing and are willing to spend a few hours in your home shop for a handsome, accurate .22 target pistol, send 3 cent stamp for complete information. P. O. Box 362, Terre Haute, Indiana.

THE SPORTSMAN stationery. A must for every sportsman. Wildlife design \$1.25 a box. 10¢ brings sample. Febra Mailings, P. O. Box 5422, Tucson 10, Arizona.

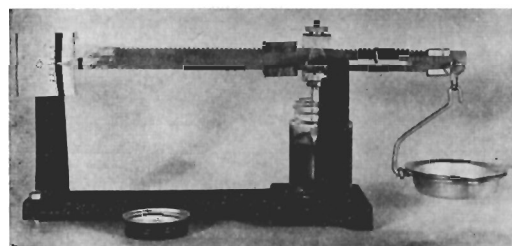
HAWAIIAN COAT OF ARMS. Patch may be sewn to shooting jacket. One dollar postpaid. William Wilson, Box 167, Hilo, Hawaii.

SHOTGUN STOCKS—hand inlet—hand finished Standard grade American walnut. Slide locks, \$10.00, box locks, \$14.00. Checkering, \$3.00 extra. Beavertail forearm for doubles, \$10.00 and \$12.00. Rust process bluing, shotguns, \$10.00, rifles and pistols, \$7.50. Discount to dealer's. Fine custom stocking. Sumner Gun Shop, Box 407, Sumner, Iowa.

FINE ENGRAVING on fine guns E. C. Prudhomme, 305 Ward Bldg., Shreveport, La.

5 FINE INDIAN arrowheads 2.00. Large spearhead \$4.00. Peace Pipe 5.00. 100 slightly damaged arrowheads 11.00. Fine grooved stone axe 5.00. List of many thousands of relics free. Lear's, Glenwood, Arkansas.

"GREEN DIAMONDS" key chain. One dollar postpaid. William Wilson, Box 167, Hilo, Hawaii.



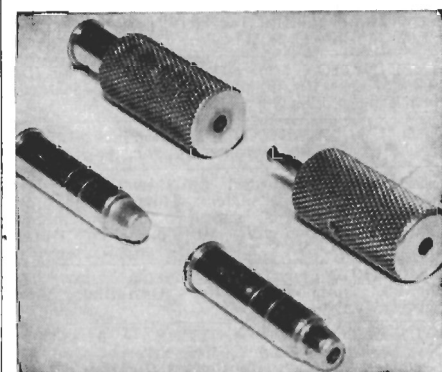
Model RW-1

Price \$16.50

WEBSTER MOD. RW-1 SCALE

Why not be modern and have the best in a powder scale for only slightly more. Modern engineering features and materials have been incorporated into this new Webster scale to make it the first choice of handloaders everywhere. It will weigh in 1/10 up to 360 grains and is built to last and maintain accuracy.

WEBSTER SCALE MFG. CO.
P. O. Box 718 Sebring, Florida
See your dealer or order direct



Goerg Hollow Pointer

for .38 Special & .357 Magnum

Doubles Killing power of bullet
\$3.75 postpaid - Dealers inquire

GOERG ENTERPRISES

ALFRED J. GOERG, Manager
609 South Vine St. Port Angeles, Wash.



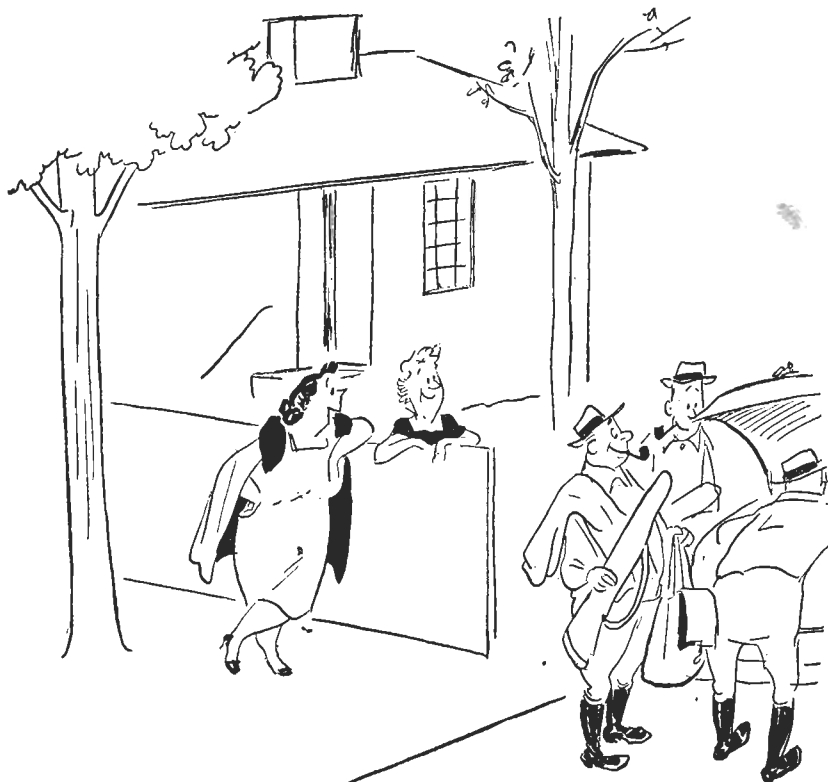
My Big New Gun Stock Catalog is now Ready

My new big catalog shows all of the very latest in semi-finished rifle and shotgun stocks. Full of pictures of new stock designs. Custom stocks with new checkering and carving designs. Send 10c for this big new gun stock catalog. Order yours today.



REINHART FAJEN, Box 1150, Warsaw, Missouri

PARTING SHOTS

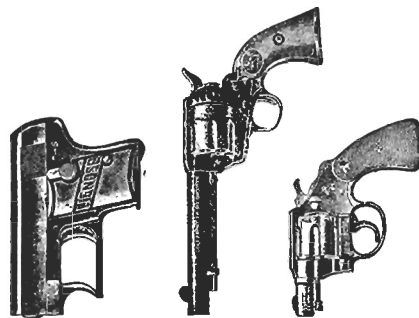


"On their last hunting trip, mine caught a royal flush! Yours have any luck?"



"I fired at something in the bushes a while ago but it got away."

100,000 GUNS



FOREIGN ANTIQUE MODERN

BUY • SELL • EXCHANGE

GET FREE LISTINGS OF GUNS YOU ARE INTERESTED IN. You can sell as many guns as you like and PAY NO FEES OR COMMISSIONS. Limited memberships. Write today for complete information.

world's largest complete listings from "The World's first clearing house for Firearms and weapons"

MUTUAL GUN EXCHANGE

BOX 6651B • COLUMBUS, OHIO

RELOADERS!

B & M OFFERS YOU A COMPLETE SERVICE

Tools & Equipment

B. & M. #28 Straightline Reloading Tool, complete	\$19.50
IDEAL No. 310 Reloading Tool	15.75
Extra set Dies of above	10.75
IDEAL Tru-line Jr. Press Complete	25.00
Extra set Dies for above	10.00
PACIFIC Super Tool, complete	39.95
Extra set of Dies for above tool	13.50
Extra Shell Holders	4.50
Extra Primer Arms	3.00
B & M Visible Powder Measure, regular	12.50
B & M Visible Powder Measure, Micrometer	14.00
PACIFIC Powder & Bullet scale	10.95
REDDING Scale, latest model	14.00
B & M Stainless Steel Cleaning Rods 1 pc.	3.00

BULLETS

Complete stock - All calibers & weights of Sierra, Spear, Hornady, Remington, Winchester, Western, Norma, and Jordan. Also empty primed Cartridge Cases, Primers and Percussion Caps of all popular makes.

POWDERS

Complete Stock - Dupont & Hercules.

Everything to Service
The Nation's Shooters.

NEW 1955 B & M HAND BOOK

Tells you how to reload in easy to follow instructions. Shows how to save 50 to 85% of your shooting costs. Prepaid..... \$1.00

SEND FOR FREE FOLDER
Dealers write for Discount Schedule



BELDING and MULL
102 N. FOURTH ST., PHILIPSBURG, PA.

SAVE UP TO 50%

On These Surplus Tool Bargains

41 SURPLUS TWIST DRILLS



For hand or electric drills. Brand new genuine hardened carbon tool steel drills from 1/16" through 1/4". Each drill designed and tempered to give up to 1800 drillings through steel, aluminum, iron, wood, plastic. Sells in the stores for up to \$6. Set of 41 drills \$2.00.

\$2

5 PLIER SET

For jewelers, optical workers, hobbyists. These superb German instruments are of drop-forged, high-quality tool steel. All ground and smooth working joints with just right tension, jaws meet perfectly to safely and securely hold most delicate objects. Each plier is 4" long and a veritable gem of precision and strength.

FLAT NOSE

ROUND NOSE

DIAGONAL

75¢ EACH

COMBINATION

All 5 for \$3.50

CIRCLE CUTTER

Adjustment of from 7/8" to 4". equipped with high speed ground tool bit; body and cross bar are made of hardened tool steel; centers ground 1/4" round and square shank permits its use in either drill chuck or hand brace.

ONLY \$1.89

The GREATEST value we've offered!

21 Pc. 1/4" & 1/2" DRIVE SOCKET SET

A \$14.95 Value OUR PRICE \$5.95

Perfect for AUTOMOTIVE, TV, RADIO & HOME APPLIANCE Repair!

This complete 21 piece socket set has eight 12 point sockets, sizes 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 7/8" and 15/16" plus an extension, L handle, reversible ratchet and reversible screw driver. Also six 1/4" Drive Sockets, size 1/4", 5/16", 11/32", 3/8", 7/16" and 1/2", square, L handle and extra large extension with shock-proof plastic handle. All sockets, extensions, wrenches, ratchets, etc., fit snugly and easily into a handy metal carrying tray—all bright finished and precision constructed for long life bright, unconditionally guaranteed.

Gov't. Surplus DuPont NYLON CORDS BELOW MANUFACTURER'S COST

Light, strong, durable, quick-drying. Will not rot or mildew. Ideal for indoor or outdoor use. Camping, boating, hunting, clothesline and venetian blinds. Perfect for tent ropes, light anchors, deer cord, trot lines, crabbing, etc.

OUTWEARS ORDINARY ROPE 10 to 1

NYLON BRAIDED CORD
1/16" dia.—100 lb. test—white 1 1/2¢ per ft.

1/8" dia.—375 lb. test—white 2¢ per ft.

3/16" dia.—550 lb. test—olive drab per ft. 2 1/2¢

in 100, 200, 300, 400, 500 ft. and over lengths.

NYLON BRAIDED LINE
1/4" dia.—1000 lb. test—olive drab 3¢ per ft.

In 30 and 50 ft. lengths.

NYLON ROPE
3/8" dia.—2,700 lb. test—Any length to 1200 ft.

16¢ per ft.

7/16" dia.—3,800 lb. test—18¢ per ft.

Any length from 20 to 120 ft. Minimum Order \$1.00. Send Check or M.O. C.O.D. plus fee. Money Back Guarantee.

NYLON FISH LINE
Proven best by experienced fishermen. Heat stretched. Will not kink, twist or unravel. 25 lb. test. 300 ft. reg. \$1. NOW 50¢ per spool.

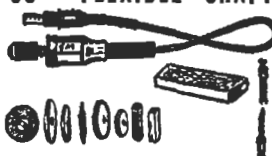
NYLON WEB STRAPS
with sturdy steel buckle. Perfect for luggage straps, car low-lines, car carrying straps, boat trailer straps, etc. Tie heavy equipment with greater ease and safety... at far less cost. Just the thing for the garage or workshop.

1" wide—3,000 lb. test—10¢ per foot

1 1/4" wide—6,000 lb. test—16¢ per foot

In 5, 6, 8, 10, 12 ft. lengths.

36" FLEXIBLE SHAFT



with 100 Pc. ACCESSORY KIT At \$12.95 Value OUR PRICE **\$4.98**

Does a thousand and one jobs. This handy flexible shaft with complete handle increases the utility of your electric drill, electric motor, grinder or drill press where 1/4" shank can be attached. Easily attached to do grinding, carving drilling, sanding, polishing, buffing, slotting, engraving, etching, etc., on wood, metal, glass and plastics. The Flexible Shaft is tamper proof, sealed and designed for lifetime service. Can be operated at speeds up to 6000 RPM. Accessories include 2 shanks, sanding discs, buffers, pads, etc.

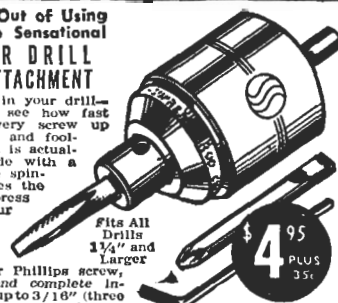
Set of 6 Swivel Top Precision Swiss Screw Drivers—\$1.25

This complete kit of 6 imported Swiss screw drivers are yours for knurled body grip only \$1.25. They are Swiss imports. Precision made by the famous Swiss Watch toolmakers. Handy and useful for small screws, especially for delicate objects when modeling and other handy crafts. The 6 assorted sizes No. 3-4-5-6-8-10 accommodate practically every type of small screw.



Take The Work Out of Using Screws With The Sensational Supreme POWER DRILL SCREWDRIER ATTACHMENT

Clamp this new unit in your drill—just like a bit, and see how fast and easy it runs every screw up tight! Light, compact and fool-proof, this attachment is actually a screwdriver blade with a built-in clutch... the spinning drill chuck drives the screw only when you press with drill. Release your pressure, and the friction clutch releases the screw end. Changeable blades included for either slotted head or Phillips screw, with Allen wrench and complete instructions. For screws up to 3/16" (three sixteenths) diameter... only \$4.95. Also Heavier Duty model for screws to 1/4" diameter—only \$6.95.



Fits All Drills 1/4" and Larger

\$4.95 PLUS 35¢

10 WAY UTILITY WRENCH 59¢



One of the handiest tools you'll ever buy! Has 10 6 pt. openings from 1/4" to 3/16", sturdy construction. Cadmium plating guarantees against rust. 4" long yet fits 95% of all nuts and bolts. Reg. \$1.25—now 59¢ ppd.

3 PLIER SET

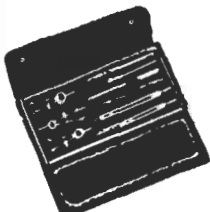
Finest drop forged imported steel. Ground and polished heads, polished finish, and knurled handles for easier grip. Individually packaged in heat sealed plastic kit.

- Linesman Slip Joint, 7"
- Long Nose, 5 1/2"
- Diagonal, 5 1/2"

Complete Set Postpaid \$2.98

11 Pc. Drafting Set

High lustrous chrome plated instruments of outstanding quality and accuracy. Set includes Plain and Ringhead Bow Dividers, Compasses for use with Ink or pencil, Ruling Pen and all necessary parts. Packed in a velvet lined, snap button closure, simulated leather case. \$3.20



29-Piece Vanadium Chrome DRILL SET

Especially for speed drilling. Finest alloy steel, hardened and precision ground; will easily bite through hardwoods, plastics, aluminum, iron and toughest steels. Full jobber length. Sizes by 64th from 1/16" to 1 1/2". NOW \$6.95. Also Available In Turned Down Shank So All Sizes Fit 1/4" Electric Drills \$8.95



POWER



Made of finest tool steel specially tempered and hardened to give clean, easy drilling. Shanks fit all electric drills. Packed in sturdy, plastic tool roll. Sizes: 3/8", 1/2", 5/8", 3/4", 7/8" and 1".

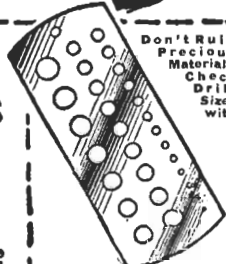
\$2.29

NEEDLE FILES



Made from the best quality tool steel designed for mechanics, watch, jewelry craftsmen. Compartmented plastic kit contains 5-1/2" needle files with round shanks and high test cutting qualities: round, half-round, flat, oval knife, square 98¢ complete set postpaid.

Don't Ruin Precious Materials Check Drill Sizes with



DRILL GAGE

Reg. \$1.49 NOW 69¢ ppd. Heavy 8 oz. polished steel gage plate measures 29 different drill sizes from 1/16" to 1 1/2" and in numerals from .002 to .500. Precision machined measurements assure the right drill for the right job. Don't chance ruining your next wood or metal job by using the wrong size drill. PLAY SAFE—use the JOBBERS' DRILL GAGE.

JOBBERS



4 Pc. DROP-FORGED TANG CHISEL SET

Swedish pattern, of high quality tempered and hardened tool steel. Blades beveled and polished. Hardwood, leather tipped handles. Set contains one 1 1/2", 1 1/4", 3/4" and 1" chisel in plastic compartment kit. Complete Set—\$2.95 postpaid.

HOW TO ORDER 10-DAY TRIAL GUARANTEE

Order now at these new low prices. All surplus and direct imports. Sold on money back guarantee. Send check or money order with name and address. We pay postage. If C.O.D. you pay postage and C.O.D. charges. Money back guarantee protects you fully. Rush orders today.

Scott-Mitchell House, Inc., Dept. 9911
611 Broadway, New York 12, N. Y.

Send the following order as advertised at once. It is understood I must be 100% delighted or I'll return tools in 10 days for prompt refund of full purchase price.

Total amount of this order \$.....

☐ Enclosed find \$..... in full payment.

☐ Send C.O.D., I'll pay postman \$..... plus postage and C.O.D. fee.

Name.....

Address.....

NOTE: This offer will be withdrawn when supplies are exhausted.

Items Desired.....

Home of Strebcos Products

"GUNSMITHS & GUN DEALERS
FOR THREE GENERATIONS..."

Always Satisfaction Guaranteed!



Heavy
Frame

Model 1917 .45 Cal. A.C.P.

(NOT WORKED-OVER 455'S)

With plain wood military Grips →

With GENUINE STAG GRIPS, as illustrated \$31.90. (Stag grips not sold separately).

Two half-moon clips included FREE. All guns have been arsenal overhauled. Dull finish, 5½" barrels, tight actions. Good shooters & backed by our money back guarantee.



\$26⁹⁵

We can supply new parts to convert the Model 1917 .45 ACP to other calibers.

HOLSTERS FOR MODEL 1917: Sold with gun only. Special cowhide — a \$7.50 value for only \$3.95. Or fancy carved leather holsters — a \$14.00 value for only \$8.95. None sold separately at these special prices.

.38 S&W caliber MILITARY REVOLVER

FAMOUS SERVICE MODEL double action 6-shooter with swing-out cylinder. Positive locking. Walnut grips. 5" barrel with fixed sights. Weight 31 oz. Very good to excellent. Bore perfect. An unmatched value while they last.



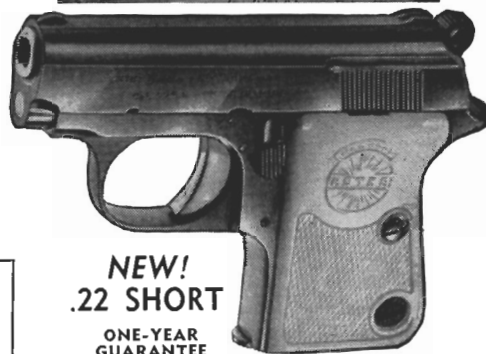
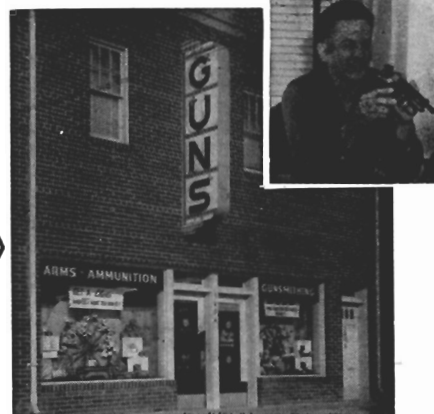
A Sturdy
Six-Shooter

\$29.95

COLT NEW SERVICE PARTS TO CONVERT 1917

Barrels .38 Special 4"	\$5.95;	6"	7.50
Barrels .357 Magnum 4" or 6"			7.50
Barrels .44 Special 4½"			7.50
Barrels .45 Colt 5½"			7.50
Barrels .455 Eley. 5½"			4.95
Cylinders Complete 44 spec. 357 Mag.; .45 Long Colt or .45 ACP			12.50
Cylinders .455 Eley New Comp.			6.00
Triggers			2.25
Hammers			3.75
Mainspring			1.00
Rounded Thumb Latch			2.00
Firing Pins, each			1.00
Stag Grips			5.95

All other parts in stock—including frames



NEW!
.22 SHORT

ONE-YEAR
GUARANTEE

ASTRA "CUB" \$29.90

The LOWEST priced semi-auto pistol "PLINK" AT LESS THAN A PENNY A SHOT! Compact, (only 4 7/16"), and light weight, (12 oz.) the "Cub" fits handily in tackle box or pocket. Ideal for the outdoorsman, hunter, trapper.

- Outside Hammer • Dependable, Rugged
- Simulated Ivory Stocks • 4 Positive Safeties
- Six Shots — Surprisingly Accurate

ENFIELD PARTS— New—Extra \$\$\$\$ For You

Extractors, each \$1.50—per dozen	\$13.00
Bolts, stripped, each \$1.00—per dozen	10.00
Hand guards, rear, each .50—per dozen	4.00
Strikers, each \$1.00—per dozen	10.00
Ejectors, each .75—per dozen	5.00
Magazine box, each \$1.00—per dozen	10.00
Cocking-pieces, each \$1.00—per dozen	10.00
Bolt stop springs, each .25—per dozen	2.00
Floor-plates, each \$1.00—per dozen	8.00
Trigger-guards, each \$1.00—per dozen	8.00
Hand-guards, front, each \$1.50—per dozen	13.00

. . . other Super Special '98 Mauser parts

Trigger Guards, beautifully blued, milled steel, stripped, each \$3.95.
Complete Trigger Guards, each, \$5.95.
Bolts, stripped, each, \$3.95.
Bolts, new, for low scope, checkered bolt knob—commercial type, each, \$7.95.
"STREBCO" Imported Set-Triggers, with sear, each \$7.95.
Bolt Sleeve, each 50c.
Low Safety with Bolt Sleeve, new, complete unit, each \$3.95.
'98 Trigger Unit, includes sear, spring and pins, complete unit, each \$1.98.
Screws, each, 25c.

MINIMUM ORDER \$10.00—NO COD'S

IMPORTANT! Send pistol affidavit with order—pistol shipped by express.

STREBCO
guns, parts and
components, Cat-
alogue No. 6. \$1.00

**BLU-BLAK
SUPERBA
BLUEING
SERVICE**

Blu-Blak means SUPERIOR Blueing. Over 2,000 rifles, pistols and shotguns blued each year. Send today for the story of BLU-BLAK-SUPERBA, a full dollar value. Write for prices.
"STREBCO" CATALOG #8—Only \$1.00 Post-paid.
TERMS: Cash with order—Immediate shipments.

N. F. STREBE GUN WORKS
5404 Marlboro Pike, Washington 27, D. C.

norma

HUNTING and TARGET AMMUNITION

delivers

SMASHING POWER

FELLOW SHOOTERS AND RELOADERS:

We've got the bug, too. You can tell by the crisp mornings, the sudden briskness of the air, and the changing patterns of color on the landscape. The blood of all outdoorsmen is quickening with the anticipation of this fall's hunting trips.

Along the way, we hope our paths will cross and give us another opportunity of meeting and talking with the many wonderful people we met during the post NRA Convention. All these people are tops in the sporting and outdoor field and it was encouraging to find so many using and showing active interest in the NORMA line of ammunition, bullets, and virgin brass cases for reloading. Comments and letters so far show all kinds of praise for NORMA's performance. No wonder. This ammunition is really filling a great need for high performance accuracy and smashing power.

Just as a sidelight for you reloaders . . . although NORMA cases are a bit thicker than regular American cases to withstand higher pressures, the slight decrease in powder volume is negligible for all normal loads. However, when approaching maximum loads, we suggest you start with a few grains less than your normal maximum load and work up if your rifle will allow. NORMA's extra strength pays off in longer life and higher performance.

E. H. Sheldon
E. H. Sheldon, President
Precision Tool & Gun Co.



norma

OLYMPIC CHAMPIONSHIP

AMMUNITION—BULLETS—UNPRIMED CASES

American and Foreign Calibers



SMASHING POWER of NORMA

bullets is sudden—swift—and sure—in all types of game—at all ranges.

NORMA's clad steel jacket consists of a tough steel core laminated on each side by a layer of cupro-zinc alloy. In the game, the tough steel resists to the right degree the enormous centrifugal forces set up when the rotating bullet starts to mushroom, insuring perfectly controlled expansion at all hunting ranges.

ALWAYS REMEMBER

You don't kill your game at muzzle velocity. It's your **remaining velocity** that counts! NORMA precision bullets and ammunition are designed to give maximum velocity and smashing power even at the longest ranges.

Try a box today. On sale at better sporting goods dealers everywhere.

Write for FREE NORMA Ballistics Charts

25c for Complete NORMA Catalog



norma

AB NORMA PROJEKTILFABRIK Amotfors-Sweden

PRECISION TOOL & GUN CO.

South Lansing, New York