

JULY 1964 50c

HUNTING • SHOOTING • ADVENTURE

Guns

Finest in the Firearms Field

CHIAPPETTA

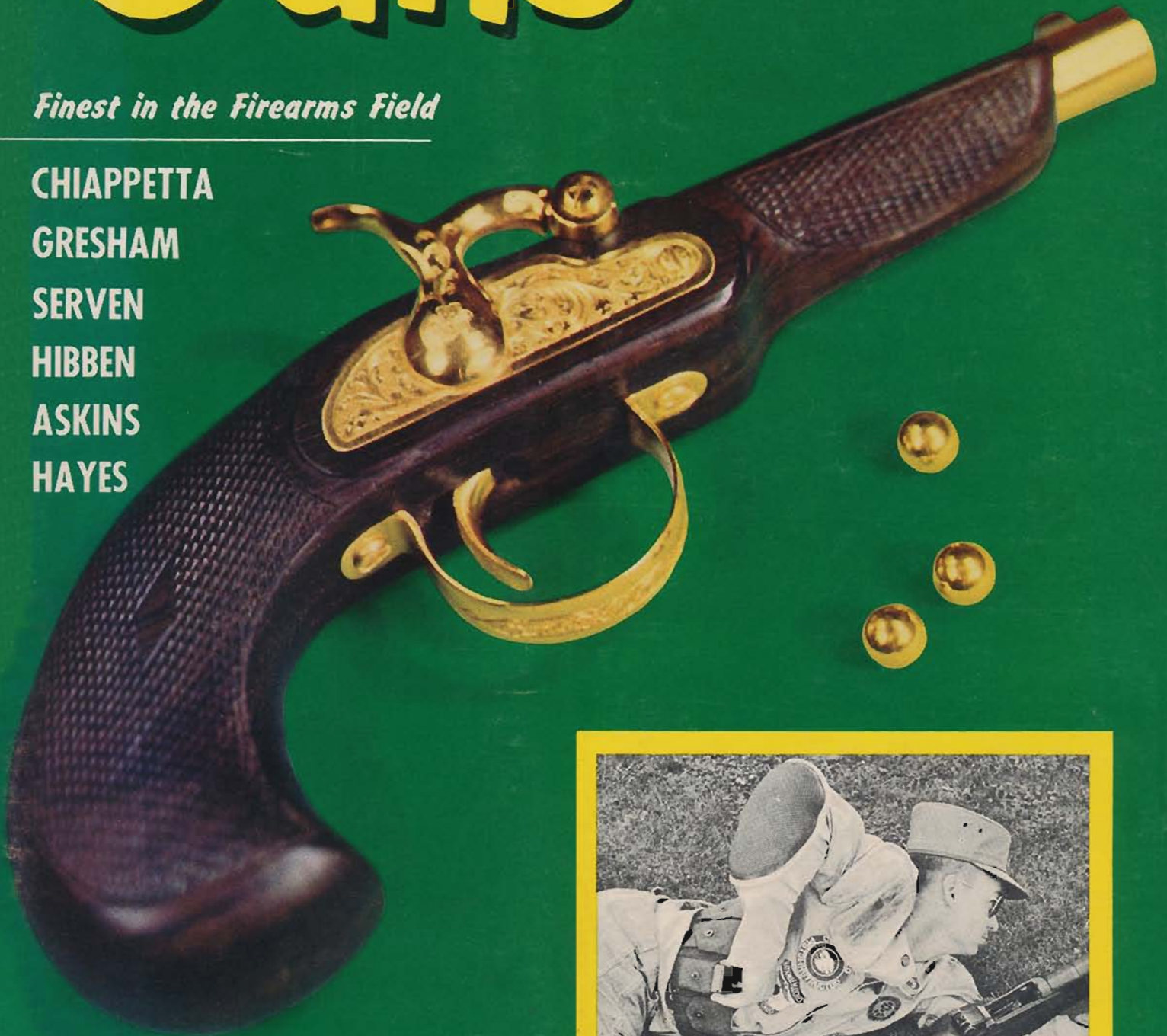
GRESHAM

SERVEN

HIBBEN

ASKINS

HAYES



THE \$6,000
GOLD GUN



BIG BORE COMPETITION!



NEW 3X-8X Model 3833—now, a truly outstanding variable power scope for the big game and varmint hunter. A tremendous value at \$64.50

From Savage...a great name in rifles... now a great new line of **Savage scope sights**

New features, outstanding quality, attractive prices!

An all-new 3X-8X variable is featured in a complete line of Savage hunting scopes.

- This new scope z-o-o-m-s instantly from 3 to 8 power. Its Consta-Center reticle stays centered, does not magnify as power changes. Double-cam action maintains constant focus.
- The new 3833 is light and compact, precision-made and beautifully finished. The Consta-Center reticle is also a feature of the 4-power and 2½-power hunting scopes, each one outstanding in its field. Compare them for brightness and for value.

Savage offers improvements in 22 rifle scopes normally found only in the most expensive hunting scopes and still at the low prices that attracted thousands of sportsmen last year.

- new zoom scope—the best one of its kind for 22s with added power, double-cam action for better focusing and new one-piece mount.
- new 6-power scope with better optics, greater brightness than most 4-power scopes
- new 4-power scope with the extra brightness that can stretch a day's shooting a full hour or more
- New Consta-Center reticle for 4- and 6-power scopes.



4X Model 0400—the ultimate 4-power for big-game hunters who want the finest. Premier grade. \$59.50



NEW 3X-7X Model 3720—the latest advance in z-o-o-m scopes for 22 rifles. Pioneered by Savage in 1963, even better in '64. Only \$14.95



4X Model 0433—an exceptional buy for the sportsman who wants a top-quality scope at a modest investment. \$39.50



NEW 6X Model 0620—At last! A 6X 22 rifle scope with a brighter image than most 4X scopes. One look will convince you. \$12.50



2½X Model 2520—an outstanding scope for the big-game hunter who works the brush. Attractively priced at only \$33.50



NEW 4X Model 0420—relative brightness is more than twice that of other popular-priced scopes. Just compare. \$9.75

Models 0400, 0433 and 2520 are available with either cross-hair or post reticle.

Models 3720, 0620 and 0420 come with new one-piece mount for 22 rifles.

A complete line of Savage quick-detachable mounts, with bases, is available for all popular rifles.

Prices shown are subject to change. Slightly higher in Canada.

For free full-color catalog, write Savage Arms, Westfield 57, Mass.



Savage®

*as much a masterpiece in fit and finish
as it is in mechanical perfection*



the Medalist by
BROWNING®

The Browning Medalist .22 caliber Automatic was designed to shoot winning scores and many acquire it with marksmanship objectives. Many others have one for the sheer pleasure of precision plinking with fine equipment. And you would be surprised how many more buy one because it's such a unique, handsome piece they just can't resist. We caution you of the temptation (gun-buffs are easily afflicted) but, if you succumb, regardless of why, we're sure you'll agree . . . *it's a masterpiece.*

Should you prefer a holster pistol, the Challenger and Nomad .22 Automatics are of the same family and no less attention has been given their mechanical requisites.

The MEDALIST '120⁰⁰. Contoured wrap-around walnut stock hand-checked (right or left hand). Micrometer rear sight, click adjustable, all directions. Variable barrel weights interchangeable with walnut forearm. Fully adjustable trigger for weight of pull and backlash; wide, contoured, gold plated. Dry fire mechanism which permits easy practice firing for hours merely by depressing a button after each trigger pull. Non-glare ventilated rib. Precisely balanced; weight 46 ounces; length 11½ inches. 10 round magazine. .22 LR caliber. Luxurious fitted case with lock, shell block and all attachments.



The CHALLENGER '64⁹⁵. Wrap-around walnut stock. All-steel frame. Wide, crisp, fully adjustable trigger. Stationary rear sight, adjustable all directions. Barrels interchangeable without fitting. 10 round magazine. .22 LR caliber. 4½ or 6¾ inch barrels. 35 oz. 8¾ inches long.



The NOMAD '49⁷⁵. Wrap-around Novadur grip. Extra light weight special alloy frame. Fine, crisp trigger pull. Fully adjustable rear sight, non-moving, the facility to interchange barrels without fitting. 10 round capacity. .22 LR caliber. 4½ or 6¾ inch barrels. 29 ounces. 8¾ inches long.



NEW! Custom-crafted Holsters for Challenger and Nomad Models in 11 ounce, top grain saddle leather. Plain with carved border '5⁷⁵, Basket weave design '6⁷⁵. Double welt, hand moulded construction, oil sealed.

Write for Free Catalog
giving complete details
on all Browning guns.

YOUR **BROWNING®** DEALER

Browning Arms Co., Dept. 626, 1706 Washington Ave., St. Louis, Mo. 63103
In CANADA — Browning of Canada, Dept. 626, P. O. Box 991, Montreal 9, P.Q.

Prices subject to change without notice. Slightly higher in Canada.

SPECIAL PURCHASE!

SERVICE ARMAMENT has purchased the entire contents of the W. W. Greener Gun Co., Ltd., Birmingham, England. Gun Museum and a complete stock of ammo and parts. For a complete catalog listing mail \$2.00 to cover postage & handling.

AMMO	Per 100
.22 C B Caps.....	1.20
DUTCH Mannlicher 6.5 mm.....	6.00
SWEDISH 6.5 x 55 mm.....	6.00
7x57 mm Mauser.....	5.00
7.35 Italian.....	4.00
7.63 mm Mauser & Tokarev Pistol.....	4.00
7.65 mm Mannlicher Pistol.....	4.00
7.62 mm RUSSIAN Rifle.....	5.00
7.65 mm ARGENTINE Mauser.....	5.00
.308 BALL.....	10.00
30 Cal. CARBINE.....	6.00
30-40 KRAG.....	5.50
30-06 Springfield (corrosive).....	4.00
30-06 Springfield (non-corrosive).....	5.00
303 BRITISH (non-corrosive).....	5.50
8 mm FRENCH Lebel.....	5.00
8 mm Mauser (non-corrosive).....	4.00
9 mm Steyr.....	3.50
9 mm Luger (corrosive).....	3.00
9 mm Luger (non-corr. boxer prim).....	4.00
43 SPANISH.....	7.50
45 Auto Colt.....	6.00
43 EGYPTIAN (new mfg. SP) per 20.....	7.50
.303 BRITISH TRACER & incendiary pack—500 rds. to a case.....	\$15.00

FLINT MUSKET IN 28 GA.



Truly a sensational purchase. Here is a full length stock with checkered grip, flint musket for the low price of \$19.95

ACCESSORIES

Carbine Blank Firing attachment...	7.50
Garand Blank Firing attachment...	5.00
Garand Combination Tool.....	1.25
Carbine Sling and Oiler..... Set	2.00
.45 Auto Clip Pouches.....	.75
each dozen	5.00
Colt .45 auto holster..... NEW	1.95
Colt .45 shoulder holster..... NEW	1.95
Colt 1917 holster..... USED	1.95
Carbine Bayonet.....	4.75
Garand Bayonet.....	4.75
Springfield Bayonet.....	3.50
Enfield No. 4 Bayonet.....	.95
French Model 1936 Bayonet.....	.95
Enfield Short Bayonet.....	.95
Russian Model 91 Bayonet.....	.95
Swiss Saw Tooth Bayonet.....	4.50
1917 Bayonet.....	3.50
Riot Gun Hand Guards for above...	3.50
Martini Rifle Socket Bayonet.....	2.50
.58 cal. Enfield C.W. Bayonet.....	3.50

Remington Rolling Block Rifles
NRA Fair 14.95 NRA Good 1995

CLOSEOUT

Single shot percussion smooth bore muskets new mfg. 12.50
Percussion Caps \$10.00 per M Rifle
7.50 per M Pistol
All ammo shipped Railway Express Charges Collect, other items sent Parcel Post if sufficient postage is enclosed. Bayonets and holsters, etc., 25¢ ea., rifles \$1.00 ea.

NEW MARTIAL REFERENCE EDITION CATALOG

Every sportsman, hunter, shooter or collector will find something to whet his appetite. This is the world's most complete modern and antique ARMS & ARMAMENT CATALOG. Free with every edition — a genuine U.S. Army .45 pistol disassembly tool worth the price of the catalog alone! \$1.00



service armament co.
689 G Bergen Blvd., Ridgfield, N. J.



KNOW YOUR LAWMAKERS

Congressman Frank Horton 36th District, New York



No amendment to our Constitution has achieved such thorough neglect as our Second Amendment. Many gun laws have been enacted as a result of this neglect, on the shallow theory that one can remedy a social wrong by stifling the mechanism of the wrong—the gun—rather than the wrong itself—the criminal.

Many of us recognize, however, that the constitutional guaranty of the right to keep and bear arms is a prime political right. We have seen totalitarian forces act first to disarm the people before completely subjugating them. We have seen democracies hastily arm, again at the last moment, before attack as a result of laying aside the right to keep and bear arms. The right of a person to own firearms is not the end of the story, however. We also know that the gun provides many Americans with many wholesome and absorbing hours of enjoyment the year around.

Congressman James G. Fulton Pennsylvania

It has been my clear position for years, as a member of our local sportsmen groups and as a member of the bi-partisan conservation bloc in the House of Representatives, that the proposed harsh restrictions on owning and possession of guns is completely unnecessary and ridiculous. Every item of general use, from a pop gun to a cannon, can be used constructively or for destructive and illegal purposes.

I certainly favor the immemorial and constitutional right of people having their legitimate freedom in respect to guns, gun collecting, hunting, and the shooting sports, as well as for the defense and protection of their homes and possessions.

When the Supreme Court declares prayers unconstitutional, it would make a person think prayers are dangerous! I hope the Courts and the Legislatures will permit the sportsman and the U. S. citizen to keep his freedom and guns, in case he so chooses.

Congressman Wm. Jennings Bryan Dorn South Carolina



Private ownership of guns is a basic fundamental and elemental freedom of the American people. Individual gun ownership is not only guaranteed by the Constitution but is traditional.

I shudder to think what will happen to our freedom if too much restrictive legislation is passed by the states and particularly the Federal Government. The first step Communist dictators take is the collection of all individually owned firearms. This is the principal reason why no major Communist government has been overthrown.

The right of a law abiding citizen should very definitely be protected to have a gun in his home and in his automobile. Of course, when any person abuses the privilege of owning a gun, then his ownership should be restricted. The preservation of freedom requires discipline, restraint, and responsibility on the part of the individual.

Readers Note: All Congressmen may be addressed at "House Office Building," and all Senators at "Senate Office Building," both at "Washington 25, D.C." Address all Governors at: State Capitol, name of capital city, name of State.

Guns

FINEST IN THE FIREARMS FIELD

JULY, 1964
Vol. X, No. 7-115

George E. von Rosen
Publisher

Arthur S. Arkush
Ass't to the Publisher



E. B. Mann Editor in Chief
 R. A. Steindler Managing Editor
 Jerome Rakusan Associate Editor
 Kent Bellah Handloading
 Dick Miller Trap
 Graham Burnside Collecting
 Sydney Barker Art Director
 Lew Merrell Ass't Art Director
 Lee Salberg Advertising Director
 Sanford Herzog Production Manager
 Kay Elliott Ass't Production Mgr.
 Alan M. Deyoe, Jr. Circulation Mgr.
 M. Gross Ass't Circulation Mgr.
 Sally Loges Subscription Mgr.
 Don McEvoy Promotion Manager

Editorial Advisory Board

Lt. Col. Lyman P. Davison Military
 Carola Mandel, Al Schuley Skeet
 Harry Reeves Pistol Competition
 Jim Dee Junior Hunters
 Dee Woolem, George Virgines Fast Draw
 Bill Toney, Frank J. Schira Police

IN THIS ISSUE

special . . .

A FAST MAN WITH A SHOTGUN C. E. Gillham 26
 I TAUGHT THE VIETNAMESE TO SHOOT Col. Charles Askins 30

collectors . . .

THE \$6,000 GOLD GUN R. A. Steindler 16
 EARLY GUN TRADE OF THE WEST James E. Serven 18

hunting . . .

GIVE ME A 12 GAUGE! Jerry Chiappetta 21
 BECHUANALAND LIONS Frank C. Hibben 24
 TRY "OWLING" FOR GOBBLERS Grits Gresham 32

shooting . . .

STEPPING STONES TO THE OLYMPICS Harold E. Nichols 22
 PEEPSIGHTS FOR HUNTING RIFLES Tom Hayes 28

departments . . .

KNOW YOUR LAWMAKERS 4
 GUN RACK 6
 SHOOTERS CLUB OF AMERICA 8
 CROSSFIRE 10
 HANDLOADING BENCH Kent Bellah 12
 PULL! Dick Miller 36
 THE FRONTIER GUNSHOP James M. Triggs 37
 QUESTIONS AND ANSWERS Graham Burnside 44
 SHOPPING WITH GUNS 58
 THE GUN MARKET 64
 INDEX OF ADVERTISERS 66



EDITORIAL OFFICES: R. A. Steindler, Jerome Rakusan 8150 N. Central Park, Skokie, Ill., ORchard 5-5602. E. B. Mann, 1020 Parkland Pl., S. E., Albuquerque 87108, N. M., Kent Bellah, St. Jo, Texas.
 REPRESENTATIVE: NEW YORK, Eugene L. Pollock, 210 E. 53rd St., New York 22, N.Y., PL 3-1780.
 NATIONAL ADV. OFFICES, 8150 N. Central Park Ave., Skokie, Ill., ORchard 5-6967

GUNS Magazine is published monthly by Publishers' Development Corp., 8150 N. Central Park Avenue, Skokie, Illinois. Second class postage paid at Skokie, Illinois, and at additional mailing offices. SUBSCRIPTIONS: One year (12 issues), \$8.00. Single monthly copies 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 publication and will cover reproduction in any or all GUNS Magazine editions. ADVERTISING RATES furnished on request. Copyright 1964, Publishers' Development Corporation. All rights reserved. Title to this publication passes to subscriber only on delivery to his address.

THE COVER

Entirely made by hand and of solid gold, this .38 caliber cap and ball gun is the work of a goldsmith whose hobby is guns. The gun has been fired with black powder and a gold ball on TV as well as in the workshop where the gun was made. For more details, see the article on page 16.

Australian "GROUP OF THE YEAR"

10 SHOTS
100 YARDS
.475"



WITH HORNADY BULLETS

The Contest: Australia's annual Minute-man competition—about as tough as a shooting game can get. A national bench rest-postal match open to all comers, all sporting rifles up to 10 lbs., all positions, all ranges 100 yards and over, any kind of sight, scopes no larger than 6 power. And any kind of bullets (in the '63 contest virtually all brands were represented). Shooters submit their best witnessed 10-shot groups.



The Winner: Reg McGowan of Warwick, Queensland, whose remarkable .475" 10-shot group (100 yards) stood well out from all other entries and easily brought him the coveted "Group of the Year" trophy.

The Winning Combination: Hornady 22 caliber 50 grain spire point bullets ahead of 34 grains 4740 (Australian) powder. The rifle, a 98 Mauser in 220 Swift. 4-power scope.

"This group was not a fluke," reports McGowan, "as I have shot several such groups under witnesses, with Hornady bullets." An experienced hunter as well as a veteran competitive rifleman, McGowan says further, "I find Hornadys not only accurate for target shooting, but a dependable game-stopping bullet as well."

"Accurate, deadly, dependable" — that's what Hornady bullets are to Reg McGowan—and what they can be to you, too—on targets, varmints, and game.

68 bullets for handloading
—send for brochure



**Hornady
BULLETS**

HORNADY MFG. CO. • DEPT. G • GRAND ISLAND, NEBR.



Willson's Newest

Willson Products, Division of the Ray-O-Vac Co., recently shipped us one of their new sets of bunnyears or, as they call them, Sound Silencer. The Model 150 is fully adjustable, and though light weight, it appears to be strongly made. The ear muffs are marked with an arrow, thus indicating which is front and rear. Sound protection offered is excellent, and hearing was not affected when we fired full loads of .30-06 hunting loads on our basement range.

Weatherby Rifles

Roy Weatherby recently shipped us two test guns—one was the much heralded Mark XXII .22 semi-automatic rifle, the other the Mark V Varmintmaster in .224 Weatherby Magnum.

A great deal has been written and said about Roy's rifles, and their appearances. We'll skip the descriptive details since the Varmintmaster does not differ from the other Weatherby rifles in stocking, bluing, or general appearance. But, boy oh boy, does that latest caliber shoot! Whenever Roy sends out a test gun, it arrives complete with scope, scope caps, and ammo, all set for a day at the bench. Our gun had a slick and silk-smooth action, a trigger that broke at exactly 3.5 lbs. without creep or backlash. The .224 Weatherby Magnum has a



very low noise level, somewhere around that of the time-honored .222 Rem., and if it recoils, we did not feel it.

Right out of the box and with only a patch passed through the bore, the 50 grain factory load shot MOA the first time around. Increasing winds up to 40 miles an hour finally stopped all shooting and our next session at the bench was blessed with a fairly calm and crisp day and a temperature of slightly over 30 degrees. The 50 grain pill printed on exactly the same spot on the target at it did the week before, but this time the 5 shot group went 0.80 inches. The 55 grain pills made a tidy little one inch group, and this load consistently printed slightly lower and to the left of the 50 grain bullet. Since the gun had to be returned pronto, no attempt was made to handload for Roy's latest hotshot caliber.

The Mark XXII is Weatherby's first entry

into the small-bore field. Externally the gun is finished in the traditional Weatherby blue and high gloss wood finish, comes complete with sling swivels and a 20 shot magazine

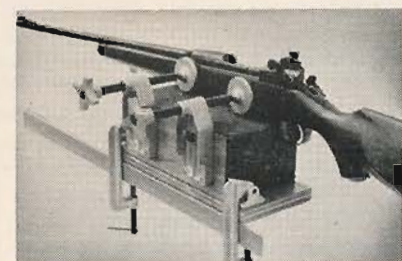


was added on the test gun for rapid fire function tests. A nice feature of the Mark XXII is the single shot selector. If you train a youngster, you can switch the selector so that the gun becomes a single shot, and the bolt will stay open after the empty hull is ejected. Another feature is the top tang safety that makes handling the gun a real pleasure, and the folding leaf rear sight, with leaves for 50, 75, and 100 yards does away with the Kentucky windage that is needed on most factory guns.

From the muzzle right down to the butt plate, the Mark XXII is an elegant little gun, and with a new Browning scope in the grooves, she did as well as any .22 rim-fire rifle we have ever shot, with the exception of a heavy barrel match rifle—and that would be asking a great deal of a sporter rifle. Although the price tag of \$89.50 may appear a bit steep, this is a high quality rifle that would add beauty to any gun cabinet. Best of all, in over 500 rounds of sundry lots of ammo, there was not a single malfunction of any kind, and the adjustable trigger—another one of Roy's extras—was so well adjusted that we left it alone for our testing, though we did bring it down to a hair trigger break for a check run.

Gun Vise

The 823 Gun Vise is the answer to the vise problem. Made by H. R. Wentzel of '823' Products, 120G Dellwood Ave., Dayton,



Ohio 45419, the 823 Gun Vise is suitable for gun cleaning, scope mounting, and any other work that requires clamping the gun, the

(Continued on page 14)



ACTUAL HIGH-SPEED PHOTO

This is the powerful new Smith & Wesson .41 Magnum revolver... the heavy duty double-action handgun that knocks big game flat, shoots true, reloads fast and fires a standard practice load

This new S&W .41 Magnum® revolver has 3¾ times the stopping power of a .38 Special! Enough power and penetration to knock any North American game animal flat. You can fire six powerful shots as fast as you can pull the trigger. And eject all six empties at once. Slip six fresh cartridges into the cylinder, swing it shut and you're ready to shoot again... more than twice as fast as a single action revolver!

That's the kind of firepower a man wants slung on his hip when he's in game country... and it's only available in Smith & Wesson revolvers!

Yet this heavy duty double-action revolver fires a standard velocity load that's nearly as mild as a .38 Special. Fire it single action for deliberate shooting, double-action when rapid fire counts. See this powerful new revolver today at your gun store or write Smith & Wesson, Inc. Dept. C-7, Springfield, Mass. for a folder describing the gun, its Remington ammunition and other modern handguns made by Smith & Wesson.



New S&W .41 Magnum double-action revolver, 4 or 6 inch barrel, blue or nickel, oversize stocks, \$140.

MAGNUM IS A REGISTERED TRADEMARK OF SMITH & WESSON, INC.



SMITH & WESSON, INC.
SPRINGFIELD, MASS., U. S. A.



SHOOTERS PUSH FOR ACTION ON PRO-GUN LAW

Comments and suggestions regarding the Pro-Gun Law continue to pour into this office from all over the nation—and from these, the gigantic task of rewriting the proposed version into an actual law has begun. Here are a few of the ideas and comments received thus far:

"I am 100% behind your 'pro-gun' law. Up till now we have been on the defensive and, although holding our own, we have literally gained nothing. Now, with GUNS magazine fostering a 'pro-gun' law, we can now take the offensive and really put some teeth into our bite . . . Personally, I intend to read this 'pro-gun' law to my local gun club. In doing so, I hope we might be able to come up with some good suggestions."

Attwood Kerr Howes, Jr.
Clark's Green, Pennsylvania

"I have one suggestion to make that I have not seen in print as yet. In proposing a National Pro-Gun Law I believe if we would call it 'A National Firearms and Anti-Criminal Law' we could enlist the aid of the so called Anti-Criminal people . . . This law should be framed in such a way that it would guarantee our rights . . . But at the same time (And this is where our Anti-Criminal friends would come in) make this law so severe on the criminal who uses a firearm in the commission of a crime that it would pay them not to be caught with a firearm of any kind."

James M. Elder
Jackson, Tennessee

"Enclosed is an editorial and newspaper clipping taken from a Hearst newspaper.

Since this newspaper is a syndicated one I thought I would pass this info along to you to alert your other readers and Shooters Club members across the country.

The 'Pro-Gun' law not only seems like a good idea, but it is apparently getting essential if we want to keep what little sport we have left.

Keep up the tremendous work you

are doing. It's bound to bear fruit, if we all get behind you."

Robert H. Damrau
Bronx, New York

"Most important, I think, is your concern for our right to bear arms. I share this concern with you and discuss it, whenever possible, with fellow gun-lovers, and urge them to write the NRA and SCA and encourage them to support their congressmen in this fight.

I agree with most of the points set forth in your 'Pro-Gun' law although I know it is impossible to outline a law that will satisfy everyone explicitly."

Erling Barsness
Glenwood, Minnesota

"The right to 'keep and bear arms' is too precious and valuable to have taken away by a handful of do-good, uninformed lawmakers.

The gun itself cannot commit any crime. There must be a finger on the trigger, and no law can keep any criminal from obtaining a gun, lawfully or otherwise.

You have my full support on this campaign, and if there is anything at all I can do, let me know."

C. R. Smith
Dallas, Texas

"THE WORLD OF GUNS" TO SPARK PRO-GUN OFFENSIVE

The newly-announced publication, THE WORLD OF GUNS, has been quickly recognized as a valuable weapon in the pro-gun offensive. Orders for copies have been pouring in—along with comments, suggestions and requests for more information. Here, for your benefit, is the first partial listing of contents:

- The Firearms Industry in War and Peace.
- The Development and Importance of Gun Associations.
- The Story Behind the Development of Civilian Marksmanship.

- A Complete History of Firearms Legislation.
- Sportsmen, the Firearms Industry, and Our Natural Resources.
- The Development of Handloading.
- The Boy, the Dog, and the Daisy.
- Selling Guns by Mail.
- The Shooting Industry and Law Enforcement.
- Shotgun Sports.
- Guns in Today's Economy.
- Collecting is Big Business.
- Guns and Public Safety.

THE WORLD OF GUNS is bringing together, as guest writers in this special publication, the foremost authorities from the firearms industry and the individual shooting sports—as well as outstanding public figures who are well qualified to authoritatively comment on firearms legislation and the role of firearms and the gun sportsman in a free society.

See Advertisement on Page 13

FIGHT ANTI-FIREARMS LEGISLATION IN YOUR STATE WITH A PERSONAL OPINION MESSAGE

You can now bring your opinion regarding pending anti-firearms legislation in your state to the immediate attention of your state lawmakers by utilizing Western Union's new low cost Personal Opinion Message Telegraph Service.

The Personal Opinion Message could very easily become a potent weapon in the struggle against restrictive firearms legislation. Though it does not allow for a complete expression of opinion, as does a letter, it does contain all the best elements of a telegram—speed, impact, a sense of urgency, and a guarantee that it will be delivered.

The Personal Opinion Message can be directed to your Governor, Lt. Governor, or a member of the state Legislature, is limited to 15 words—plus the sender's name and address—costs 85¢ plus tax, and is usually delivered the same day, though because of the reduced rate, it may sometimes be delivered on the following day.

To qualify for the special rate, the message must be an expression of personal opinion on an issue of general interest—and this should provide us with a golden opportunity to effectively express our sentiments regarding anti-firearms legislation.



Finely machined cylinders for Magnum (top) or .22 LR are clearly marked for safety.

**Switch
cylinders
in seconds!**

\$57.50*

New dual cylinder Frontier Scout shoots .22 Long Rifle and .22 Magnum rounds

Something new has been added to Colt's classic .22 caliber Frontier Scout—interchangeable cylinders for .22 Long Rifle or Magnum rimfire ammunition.

Turn a single screw: switch cylinders in seconds. Now you've got a side arm that takes charge anywhere—target shooting, hunting, or plinking.

And with its new versatility, Colt's Frontier Scout retains the action-proved features that have made it one of America's most sought-after handguns. Same famous lines. Same dependable action.

Same superb balance and feel. Same economy.

Your Registered Colt Dealer has the latest facts on this newest Colt. See him soon. Find out just how much handgun \$57.50 can buy.

IMPORTANT. Deliveries now being made to your Registered Colt Dealer. Have you ordered yours?



Hartford 14, Conn.
At America's side since 1836

**Also available: Nickel Scout at \$72.50, and Frontier Scout '62 (Staglite grips) at \$67.50.*

NEW SPEER RELOADING MANUAL

• Rewritten •
• Enlarged •
Very Latest
DATA



SPECIAL GUEST WRITERS AND SHOOTING AUTHORITIES:

Dean Grennell of GUNsport writes on Rifle reloading—Kent Bellah, Guns Magazine, Handgun reloading—Francis Sell, Shotgun reloading—Bob Steindler, Guns Magazine, Developing a loading system—George Nonte, Shooting Times, Forming special cartridge cases—New step by step reloading procedure by members of the Speer Ballistics Staff.

PLUS SPECIAL COMMENTS ON TIMELY SUBJECTS BY

WARREN PAGE, Field & Stream
"Better Reloads for Game and Fun"
JACK O'CONNOR, Outdoor Life
"Pressures and the Handloader"
PETE BROWN, Sports Afield
"Practical Ballistics for Shooters"

PLUS THESE NEW, EXCLUSIVE FEATURES:

Computer processed data for optimum rifling twist. Chronographed velocities of commercial ammunition. New glossary of reloading terms . . . Easy end-tab index.

The New Speer Manual #6 is positively the latest, most comprehensive and authoritative reloading reference book available. Over 300 pages—all new photos and illustrations—loading data on newest available cartridges. Still just \$2.95 . . . at your dealer or send cash, check or M.O. to

SPEER
INCORPORATED
P. O. BOX 244, LEWISTON, IDAHO

CANADA: 1310 WEST 6TH AVE., VANCOUVER, B. C.



CROSSFIRE

Readers Respond

I am just writing to thank you very much for printing my plea for help in obtaining a Czech VZ 24 7.9mm Mauser rifle. (GUNS, Dec., 1963) A number of your readers have written to me with generous offers of assistance and to them also I extend my grateful thanks.

I do hope that the people of the United States never have inflicted upon them the type of firearms regulations that we have in England. The pathetic part about these regulations is that there is a large number of un-licensed modern type pistols, rifles and ammunition floating around in England and a criminal (or anyone else) would have little difficulty in obtaining them. This being so, what useful purpose do these regulations serve? I do hope that your legislators will take this point into consideration.

I consider myself very lucky, because I have been granted a Firearms Certificate for a small collection of bolt-action military rifles. However, the police have informed me that I may not increase the number of weapons in my collection, so if I wish to obtain a new specimen, I must first dispose of one of the weapons I at present possess. I am not allowed to possess a pistol, though I have been fortunate enough to obtain a license for a pistol here in Kenya.

There is also a new regulation in England which forbids the sale by a dealer of any firearm which has not been Nitro Proved in England, or by a Proof House officially recognized by the British authorities. I am not quite sure of the exact terms of this new regulation, but, as I understand it, it would not be legal for a dealer to offer for sale, for example, a German Kar. '98, unless it had first been Nitro-Proved in England. This is a great blow to collectors, who may not want specimens with non-original proof marks.

Martin Button
Kenya, East Africa

Canadian Double Shuffle

A Canadian from London, Ont., (Crossfire, March) appears to feel that our handgun laws are not repressive.

He informs us that handguns may be used for hunting in Ontario this season. The regulation reads, "Handguns may be used for hunting by residents, provided they have a valid hunting license, and the necessary credentials issued by the police authorities."

After two lengthy sessions in our local police station, I understood there are only two purposes for carrying a handgun in

Ontario; target shooting and protection. The police officers in charge of gun registrations told me he knows of nowhere in Ontario where a police department will issue a handgun permit for hunting.

These police authorities did not know of the new hunting regulation, do not approve of it, and under the present day government policy, could not issue a permit for hunting.

Dave Pickrell
Hamilton, Ont.
Canada

Clubs Please Note!

At the last meeting of the Outer's Club, the subject of gun laws came up, with the usual blast at the anti-gun bigots. One new point came up. Would the prospect of gun laws drive a lot of people into gun clubs with the idea of being able to get gun club references if required by any new laws?

Our club handled this by amending by-laws to restrict such references to members who have been with the club for one year or more. This, plus careful membership committee check, should avoid complications. Actually, we hope that any proposed laws do not discourage membership applications. A good club can always use more shooters.

Simeon Costa
Mt. Vernon, N.Y.

Gun Language

I just purchased the March issue of your excellent magazine, and wish to offer a toast to the unsung hero who attempted to clarify matters in "Trail and Target." As he noted, our American language is not made easier to understand by use of the dictionary.

When I was made a part of the U.S. Army, I was confused by several of their definitions. The M-1 Garand, I was informed, was a "weapon, rifle, or piece." When I casually mentioned that it didn't remotely resemble a "fieldpiece," I was placed on the earliest KP roster. I was carefully given the impression that a "gun" was a massive weapon. The Navy, I was told, has "battleship guns." (They later denied this, insisting on calling them 12, 14, or 16 inch "rifles.")

My solution is to call any firearm whose normal method of holding, aiming, and firing is with one hand, a handgun; any normally held, aimed, and fired with two hands, a rifle or shotgun. The rest of the words I would consign to the experts. From what I've read . . . they are as confused as the rest of us.

Jon W. Forsyth
Anaheim, Calif.



Why no other rifle is *almost* a Mark V

...by Weatherby

Those two words, "...by Weatherby," explain why the Mark V is without equal. They identify the pioneer of high velocity, builder of magnums that have no peer in performance. What else makes a Mark V? The beauty and warmth of select walnut. The strongest, safest action ever designed. Craftsmanship that has become the hallmark of quality in the industry. True, a Mark V could be made for less. But then it would be less than a Weatherby. And neither of us would like that. Calibers: .224, .257, .270, 7mm, .300, .340, .378, .460. Price: from \$285. Left-hand actions available. Send \$2 for the all-new 13th edition of "Tomorrow's Rifle Today." Or for free literature write: Weatherby, Inc., 2781 E. Firestone Blvd., South Gate, California. In Canada: Canadian Sauer Ltd., 103 Church Street, Toronto, Ontario.

SEE YOUR *Weatherby* DEALER

At last!

a match
grade
rifle at a
reasonable
price



Here is an exceptional intermediate target rifle by Anschutz, famed builders of the smallbore rifles used in international matches by more competitors and by more of the winners—than all other makes combined.

The Model 64 has many special features that add up to X-ring accuracy: a satin smooth single-shot action; trigger adjustable for pull, creep and backlash; a precision rifled and hand-lapped medium-heavy barrel. Target stock has raised cheek-piece, deeply fluted comb, checkered contour pistol grip. Beavertail fore-end has long rail with instantly adjustable sliding swivel; adjustable rubber butt plate.

The Model 64 target rifle costs only \$75.00. (Sights extra) Left-hand stock slightly more. Price subject to change. For FREE Savage catalog write: Savage Arms, Westfield 43, Mass.

Savage



ANSCHÜTZ

HANDLOADING BENCH

By KENT BELLAH



Rifle Cases

RIMLESS RIFLE CASES were designed to feed in box magazines. The vital head is weakened by an extractor cut. Headspace is on the shoulder datum line, a screw-ball method. Factory rounds are not a perfect chamber fit and headspace varies. After firing they fit and headspace correctly in that chamber. Velocity and ignition is more uniform for better accuracy. Check it by firing factory loads for group. Reload with charges and bullets from the same lot and watch groups tighten. They screw down still more with good reloads.

Ancient rim cases headspace on the rim, and "modern" belted types on the strong belt. They prevent the firing pin blow being cushioned, or driving cases in the chamber to goof headspace.

Excess rifle headspace may cause a case head separation that wrecks the gun. You get the same results in rimless reloads if a sizer or shell holder sets back the vital shoulder. Check for it. Blacken a case held above a match flame. The sizer should not touch the shoulder or all the neck. In very light rimless reloads the primer drives a case in the chamber, setting back the shoulder (headspace), so full charge reloads cause a head separation. Keep such shells for light squib loads only, identified with nail polish on the head face.

For good, safe reloads use quality dies. A \$4.50 Forster-Appelt Case Length & Headspace Gauge is highly recommended.

Excessive body sizing overworks brass. Heads may separate sooner or later. Minimum sizing gives long case life; a normal, harmless mouth split indicates failure. RCBS strongly advises against lapping their sizer necks, and I fully agree. They are correctly made. Set your trimmer for minimum gauge length. Discard hulls with gauge headspace. If they don't separate in one firing, the forward part grips the chamber as the body slams against the bolt. Pressure presses the stretched area against the chamber so it's invisible outside. The weak area fails later, causing trouble like Pandora's box.

Other contributing factors are faults in the brass, air pockets, laps, folds, or drawing marks. Soft heads expand the pocket or blow primers. Overloads increase all troubles.

In 1911 Holland & Holland created the strong belted .375 H & H case. Arms makers probably felt cheaper rimless cases were adequate for established calibers. Superior belted cases didn't catch on until modern cartridges started using the old H & H design. The newer .300 H & H, a necked down

.375, was a popular Hi-V flat trajectory .30 because it lacked competition. The body design was poor for our powders or reloading.

Roy Weatherby, a wildcatter turned manufacturer, blew out a .300 H & H for the .300 Weatherby hot-shot. Huge powder capacity brought criticism from old-timers who felt if the Lo-V of black powder "daze" was good enough for grandpappy it was okay for them. Some won't admit it starts a bullet faster, shoots flatter, and hits harder than any other .30. It helped spark many modern cartridges on belted cases.

Wildcatters with American ingenuity, responsible for most worthwhile inventions, created many superb "short Magnums" on the case. As usual they were years ahead of giant arms makers. Norma made their versions for custom chambered rifles on standard (.30-06) length actions.

W-W made Magnum wildcat cartridges long ago. They had a fine line of new cartridges, the .264, .338, and .458, on short versions of the .375 H & H for Model 70 rifles. Their .300 Winchester, another "short Magnum," made an immediate hit, far superior to the .300 H & H. Efficiency nearly equals the largest .30, with less powder and recoil in a shorter case and action. Some 40 factory and wildcat cartridges use the .375 H & H case in one form or another today. One shell holder takes the growing list.

We need strong belted cases, that are now on many modern rounds from a little .224 Weatherby Magnum on up. Even the small gas volume in a tiny .22 Hornet can wreck a rifle.

Lack of reloading know-how causes premature belted case failures near the head, often in one reload. The undersize bodies give no trouble the first firing. Full length sizing reduces the body back, or nearly back, to factory dimensions for use in any rifle. Sloppy chambers won't take another firing. You may be surprised at the variation in capacity! Check by filling new and fired hulls from the same lot with water and weighing the contents.

Belted case life in your rifle increases up to 30 times by partial sizing, just enough for easy chambering. L. E. Wilson's \$8.25 case gauge has an adjustable sleeve to set your sizer by trial and error. Your rifle is a perfect gauge. Check sized cases until the bolt closes slightly harder than on a new shell. You can generally back the sizer off the shell holder one to 2 turns.

Auto, pump, and lever actions may need
(Continued on page 41)

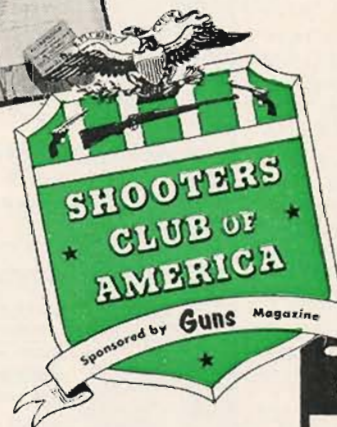
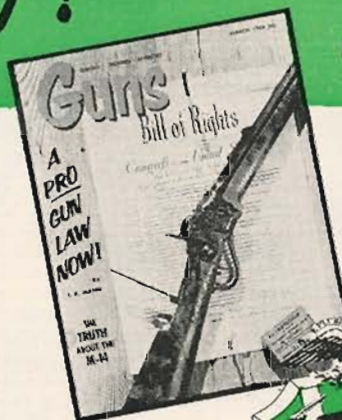
Limited Offer!

COMPLETE SHOOTERS CLUB OF AMERICA BENEFITS FOR JUST THE PRICE OF GUNS MAGAZINE JOIN TODAY!

\$6 IS

ALL YOU PAY

Thanks to our rapid growth, we can now offer a special 20% reduction in our membership fee—for a limited time only, you can join The Shooters Club of America for just \$6.00—the cost of GUNS Magazine alone—and you still get all the valuable benefits of a Shooters Club membership. Join now... this special offer ends July 1st.



CHECK THESE VALUABLE MEMBERSHIP BENEFITS!

- A year's subscription to GUNS Magazine
- New 1964 Redbook of Used Gun Values
- Timely Shooters Club Newsletter
- 20% discount on firearms and hunting books
- 20% discount on your classified advertising
- Free use of our Library Information Service
- Official decal and cloth emblem
- Numbered membership card
- Valuable awards through our membership program
- Art print of historical gun if you join now

ACT NOW — help preserve your right to own and enjoy firearms!

As The Shooters Club of America contributes to the preservation of the gun sportsman's rights, so will your membership contribute to the Shooters Club's ability to maintain and expand its vigorous program. Act today... and take advantage of this special offer.

ACTION AGAINST ANTI-FIREARMS LEGISLATION!

This strong new force—dedicated to organized action against restrictive firearms legislation and anti-gun hysteria—is the most vocal group in the continuing struggle to preserve your right to own and enjoy firearms—we need your support, JOIN TODAY!

AND NOW... A VIGOROUS PRO-GUN PROGRAM!

The Shooters Club has taken the offensive—having instigated the first educational/public relations effort on behalf of the gun sportsman, we are now sponsoring the most exciting event in firearms history—a PRO-GUN law! Support your sport... JOIN TODAY!

CLIP COUPON BELOW AND MAIL TODAY!

THE SHOOTERS CLUB OF AMERICA 6-7
8150 N. Central Park Ave., Skokie, Illinois

YES! I WANT TO TAKE ADVANTAGE OF THIS SPECIAL OFFER
Please enroll me as a member of the Shooters Club of America in the category checked below:

- Full membership including subscription to GUNS Magazine and all other benefits described above. Payment of \$6.00 for one year enclosed.
- Associate membership including all benefits described above except subscription to GUNS Magazine. Payment of \$3.00 for one year enclosed.
- Junior membership available to those 17 years and under. Includes all benefits described above except subscription to GUNS Magazine. Payment of \$2.00 for one year enclosed.

NAME _____
ADDRESS _____
CITY _____ ZONE _____ STATE _____

(Continued from page 6)

stock, or even the action safely and without marring or marking. With the sturdy box type construction, you can exert enough pressure on the heavily padded jaws of the vise to get purchase, and the high tensil aluminum alloy castings will not give under stress. The 823 Gun Vise clamps onto a bench or table top, up to 2 inches thick, and it has replaced our old machinist vise with its worn felt pads in a jiffy. This is one of the best investments you can make if you are a gun tinkerer, and even for the man who has no ambitions in this direction and limits himself to gun cleaning and shooting, the 823 Gun Vise is a good investment. You can get yours for \$28.50 postpaid, but Ohio residents must add 3 per cent sales tax.

Military Mausers

Mars Equipment Corp., 3318G Devon Ave., Chicago 45, Ill., recently received a large shipment of Peruvian Mausers chambered for the .30-06. The guns have a five-round magazine, all milled parts, turned down bolt handles, and 23 inch barrels. With the military sight and using GI ammo, we fired 5 inch groups repeatedly from the sitting position, and the temporary installation of a peepsight shrank the groups to 3.5 inches. The guns have the usual two stage military trigger and retail for \$39.95. We are planning to sporterize one of these guns in the near future and it would not be surprising if accuracy of the gun would equal that of most of the other '06's in our rack when the job is done.

MEC Tool, Accessories

With the advent of plastic shells, a number of requests for loading information for plastic hulls have come to this office, and even more arrived at the offices of Mayville Engineering, Mayville, Wisconsin. Here is the latest on this subject, directly from Ted Bachhuber. Plastic shells can be loaded on all of the MEC tools, and MEC now offers special Plasticrimp kits for all MEC tools. Complete instructions come with each kit, and they are clear and simple enough not to give you any troubles in setting your MEC up for loading and crimping the plastic hulls. MEC also offers charge bars that are adjustable for the reduction of powder charges that are recommended for the new components that have come on the market in recent months.

Since early January of this year, we have been using a prototype of the MEC 600. This is a progressive tool, and ours has an automatic primer feed. You can load any type shell on the 600 without adjustment, from paper to metal, from plastics to paper—no matter what you seem to feed the 600, she'll turn out perfect shells every time. Ted showed us six loaded shells, defied us to tell the reloads from the factory rounds—he won the bet easily.

Conetrol Mounts

This is a new bridge mount that has some interesting features. Made by Conetrol Scope Mounts, Box 188G, Hwy 123S, Seguin, Texas, these mounts offer a number of new and interesting features. We were most impressed with the over-all appearance and the finish of the mount, and the fact that scope re-

OUR NEW LOADER



ALL AMERICAN MADE EACH PRESS GUARANTEED 20 YEARS!

✓ CHECK THESE 5 FEATURES



OPEN WORK SPACE

Wide open work area makes loading with either hand fast & simple. Takes all standard 7/8" x 14 dies.

REALLY AUTO PRIMER FEED

Never handle a primer again—primers come from box through machine, into primer pocket without handling. Saves time, tempers and lost primers—keeps primers clean—prevents misfires & velocity changes.

COMPOUNDED POWER

Exclusive linkage design makes this press super powerful. Swages bullets, full length sizes cases—even the tough magnums—easily, smoothly, effortlessly.

OVERTHROW FEATURE

Exclusive overthrow feature withdraws case from die on power stroke—automatically resizes each case twice—eliminates brass spring back, gives a perfect case each time.

ALL TOOL STEEL

Made of tool steel, with hardened bearings. No castings to spring, crack and break—so strong we guarantee each press for 20 full years.

COMPLETE TOOL WITH 1 SHELL HOLDER
\$24⁵⁰



EACH LOADER COMPLETE



At your Dealers or order Direct from the Mfg.

➔ Add 95¢ post. and Ins. east of Miss., \$1.95 west

Each Press Comes Complete with two primer seaters, two slides, automatic feed and other exclusive features mentioned above. Dies not included. State caliber shell holder wanted. Additional caliber shell holders \$2.50 ea.

★ SATISFACTION ALWAYS GUARANTEED ★

Numrich Arms

WEST HURLEY 2, N.Y.

moval and remounting—though not as simple as it could be—can be accomplished in the field and the scope returns to its previous setting. To confirm this, we fired a five shot string with the new Model 70, starting the first shot with a zeroed-in scope, then removing and remounting the scope, firing the second shot, then again removing the scope, and remounting, until five shots were fired—the groups went MOA! George Miller Jr., of Conetrol, stressed the fact that the mounts automatically compensate for wear—a fact we could not confirm since we used the mount on only one gun and then for only three weeks.

Interesting are the split rings used in the Conetrol mount, and rings and mount are sleekly contoured. On the whole, we found the

Conetrol mount and rings very satisfactory, but have to admit that the mounting was not the easiest that we have ever tackled. It should be kept in mind however that most shooters do not remove mounts and scopes as often as we do from rifle to rifle, and that the mounting is, in most cases, a one time job. Best news from Conetrol are the prices. Bases will list for \$7.98, split rings for \$6.99 each, and one piece rings for \$3.99 each.

Winchester Plastic Shells

In the April issue of GUNS, editor Mann reported on the new shells in some detail. We won't go into further details here, but

(Continued on page 54)

Carbine Scope Mounts

Only \$6.95

RUGGED ALL STEEL MOUNTS THAT PUT SCOPE DIRECTLY OVER BORE A REAL BARGAIN!

BEST OF ALL—So simple to install. Just one hole to drill & tap, plus a second's work with a pocket knife for single screw head clearance. No need to butcher and weaken your stock. Each mount made for any standard 1" scope—each packed with easy installation instructions. If you do not have proper drill and tap, we will supply #70 drill, 10/32 tap at only \$1.00 for both.

SPECIAL—SAVE 20%—3 MOUNTS \$16.50
(Dealers and Gunsmiths Inquiries Invited)

SAVE 50% ON THIS REPLACEMENT PARTS KIT!
KIT consists of mag. catch with plunger and spring, extractor, firing pin, hammer spring, recoil spring, extractor plunger and slide stop—all for U. S. Carbine. **Only \$2.65**

U.S. CARBINE MAGAZINES

Magazines are NOT supplied with DCM CARBINES—ORDER YOURS NOW
All our magazines are guaranteed to have perfect feed lips—none are part of the rejected lot with faulty lips. All are government inspected and passed! Each with Free waterproof, dust-proof as issued rubber cap.

CHOICE OF 2 TYPES

- 5 shot capacity - required by law for hunting, fits flush with guard—streamlines appearance. Solid machined bottom - not "raw" appearing oversized fold over \$3.45
- 15 shot, in original wrap, only \$1.99 ea. or 2 for \$3.50, 5 for \$7.50

ISSUE DOUBLE CARRYING CASE FOR 15 SHOT MAGS—ONLY 85¢

U.S. CARBINE REAR SIGHTS

Here is your opportunity to get a brand new rear sight adjustable for windage and elevation. Fits all U.S. carbines. Slide into receiver dovetail—2 minutes to install. As issued, \$3.45 ppd.

SLING & OILER—\$2.49

(Not supplied with DCM Carbine)

Oiler is lower sling holder. Fits in cut in butt stock.

U. S. CARBINE ORDNANCE TOOL
GAS PISTON NUT WRENCH
essential for removing gas piston for cleaning your new DCM Carbine. **\$1.00**

U. S. CARBINE DIES
Complete set for re-loading U. S. Carbine ammo. Std. #14. Precision aircraft specs. - rolled threads. Exclusive lock ring design. Set of 3—beautiful, guaranteed—ONLY \$7.75.

NOW 1" TOP MOUNT SCOPE RINGS

For 22 Rifles with grooved receivers
Now you can mount your 1" scope 1-2-3 with out expensive top mounts. For all makes of .22 rifles with top receiver grooves. ONLY \$2.75 per set.

ASTOUNDING! ONLY \$2.95

Quickly installed sight set. Streamlined front ramp with sight. Rear sight with both windage & As Found on elevation built in. Colt Sporting Both installed by sim. Colt Sporting ply tightening Allen Rifles set screw. Front 5/16" I.D., rear .775 I.D. Plenty of wall thickness for mounting to all popular sizes. Blued, ready to install. ONLY \$2.95 for complete set.

TWINCHESTER STOCKS
Unused, with minor bumps, scratches, etc. Model 12, 12-aa, \$3.95. (Pump Handle) \$2.45. Win. Model 94—(Also its 92 Models) For flat butt plate \$5.75.

... The GREAT NEW HOPKINS & ALLEN MUZZLE LOADING RIFLE!

with Shooting Equip. Only \$49.50

NOW WINNING SHOOT AFTER SHOOT and no wonder—with cut rifled, super barrels and fast ignition under hammer action. The Hopkins & Allen rifle now equipped with hooded sight, front sight & extra aperture.

Ideal for Hunting, Plinking, Target & Match Shooting . . . all at lower cost than .22 L.R.

CHOICE OF 6 MODELS

- NEW BUGGY RIFLE—light and fast, only 5½ lbs. Octagonal cut rifled 21" barrel. Either .36 or .45 caliber.
- MOST POPULAR "Offhand" model, 32" full octagon cut rifled barrel. Either .36 or .45 caliber. About 7½ lbs.
- MODEL 45 TARGET, 32" cut rifled round barrel, favorite of match shooters, 10 lbs., .45 caliber only.
- 12 ga. FOWLER, only 4½ lbs., 30" choked barrel.

EACH READY-TO-SHOOT
You get—Flask, Powder, Caps, Patching, Lead, Bullet, Mold, Powder, Solvent, Instruction Book. Saves much time and money since you start with correct bullet mold size, patching material, powder loads.

ORDER YOUR H&A TODAY!
Order any H&A model now direct from this ad and we'll send you FREE—extra valuable muzzle loading premiums. Each order, with all the shooting equipment, sent H.R. Exp. (not prepaid). Include a statement you are over 21, not a fugitive, drug addict or under indictment. Additional interesting information on Hopkins & Allen rifles, pistols and shotguns free—just send self-addressed, stamped, long envelope.

NOW—Long Range Rear Sight
for all H&A's—adjustable for both windage & elevation, complete with a size aperture disc. (All H&A receivers now drilled & tapped for this sight)—Only \$3.95

WINCHESTER FIRING PINS

'02 Model	\$2.75
'73-38 & 44/40 mds.	\$3.75
'73-25 & 32/40 mds.	\$3.75

WINCHESTER LINKS for '73 MODEL
Brand new, either right or left. State which. **\$3.75 SPECIAL: Pair for \$6.50.**

WINCHESTER EXTRACTORS for Model '73
New \$2.50

WINCHESTER DUST COVERS for Model '73
Complete with slide & screw \$3.75

REMINGTON MODEL 12
Firing pins. Our new improved design \$2.75 ppd.

REMINGTON MODEL 24
22 Automatic Extractors - Unavailable for Years \$3.75

10 GAUGE MAGNUM SHOTGUNS

Mechanically Perfect . . . 32" Long Range Full Choke Barrel—H & R Heavy Breech Action—approx. wt. 8½ lbs.

NEW Stocks and Forends!
USES REG. OR NEW 3½" MAGNUM

Only \$34.50—\$39.50

Good Cond. ↑ Very Good

(A few very specially selected guns with finish near perfect—\$44.50)

WE BUY GUNS!

Also gun parts, Close-outs, Job lots, Sporting Goods. Any quantity, small or huge. We pay instant cash—no haggling—no stalling—no crazy trade offers—just money! Write us describing what you have to get immediate action—or easiest, ship in & we'll mail check at highest market value immediately!

Visit NUMRICH ARMS' NEW GIANT SPORTORIUM

1,000'S OF GUNS—TONS OF SPORTS EQUIPMENT IN OUR GRAND NEW—BRAND NEW STORE

WE BUY & WE TRADE & WE SELL

West Hurley is 90 minutes from N.Y. City, via New York Thruwayway. Exit 19 (Kingston) follow Rt. 28 North 6 Miles to West Hurley. Store open daily—Monday thru Saturday—9 AM to 6 PM.

WE BUY GUNS!

SATISFACTION ALWAYS GUARANTEED

Numrich Arms WEST HURLEY 2, N.Y.

We manufacture and sell more gun barrels per year than all U.S. custom barrel makers combined—our barrels are top quality at a low price.

Octagonal Muzzle Loading Barrel Blanks

NOW IN 3/4 Caliber (1 turn in 40") or .45 caliber or (1 turn in 50"). R groove rifling, handsome & smooth inside and out. 15/16" across flats, 32" long \$15.85 plus \$5c post. 42" long, .45 cal., only \$19.95 plus \$1.50 shipping. 70" caliber, 1 turn in 45" groove, 32" long . . . \$15.50 plus 95c.

Add \$2.00 per barrel for threading for our new breech plug and nipple advertised below.

BREECH PLUGS: Machined from Ordnance Steel (not cheap cast-ings) uses standard 5x18 thread. Oct. mod. 15/16" across, round 15/16" across, round 15/16" across, round 15/16" across. Add \$2.00 to base price for threading at factory for this plug. Price for round or octagonal (state which) **Only \$5.95.**

ROUND MUZZLE LOADING BARREL BLANKS

MUZZLE LOADING—1½" straight 8 groove rifled 1st turn in 50"—super accurate . . . 32" long \$10.45 plus \$5c. Above barrel, only for 48" length rest model . . . \$18.95 plus \$1.50 (Add \$2.00 per barrel for breech plug threading.)

HI POWER BARREL BLANKS

45/70 round blanks, 8 groove rifled, 1½" o.d., 1 turn in 22" . . . \$6.50
44 CALIBER round blanks, 27" long x 15/16" dia. Used for .44 Special Magnum, 44/40, 8x groove rifled, fine steel \$3.50 plus \$5c post. 19" length for pistol use—\$5.95 plus 40c post.
357 MAGNUM .38 Special & 9mm Luger blanks, 1 turn 16", 8 groove, dia. 2 1/8" long, \$4.00 o.d. —Many uses including conversion of Winchester and Marlin to .357 Magnum rifles—\$9.50 plus 85c post. 12" length for pistol use—\$5.95 plus 40c post.
EXTRA HEAVY .22 barrel blanks. Full 1½" dia. 6 groove barrel suitable for center or rim fire actions. 27" long, 1 turn 14" . . . Only \$8.95 plus 90c post.

INSTANT MUZZLE LOADERS FOR SPRINGFIELD 45/70 or 50/70 RIFLES

- Precision barrel drops into stock—ready to shoot.
- Free, interchangeable percussion hammer sent with each barrel.
- Return to original by simply replacing original parts.
- 1 turn 16", 8-groove. (1 turn in 50"). Blued with 8 sight dovetails, nipple, etc.

This conversion barrel is the same match quality as used in our H&A muzzle loaders—perfectly adapted to fit 45/70 and 50/70 "trap door" Springfields, complete with plug, tang, & nipple. Simply drop out old barrel and receiver—install our new barrel and change hammers—gun is ready to shoot. Original U.S. Springfield percussion hammer included. It replaces your cartridge hammer without fitting. Price complete and ready to use—\$26.50 plus 85c pp. (Bullet mold—45 cal. for above—only \$2.25)

GAIN-TWIST RIFLING
Now Available on our Barrels

Our Gain-Twist rifling is the same match quality as used in our H&A muzzle loaders—perfectly adapted to fit 45/70 and 50/70 "trap door" Springfields, complete with plug, tang, & nipple. Simply drop out old barrel and receiver—install our new barrel and change hammers—gun is ready to shoot. Original U.S. Springfield percussion hammer included. It replaces your cartridge hammer without fitting. Price complete and ready to use—\$26.50 plus 85c pp. (Bullet mold—45 cal. for above—only \$2.25)

MAKES YOUR U.S. ENFIELD AS MODERN AS TOMORROW

\$5.95

Enfields are fine actions BUT do cock on closing stroke and have an extremely slow "muddy" firing pin fall. You can bring your rifle up-to-date—equal to and often better than today's modern production—for just \$5.95 and 2 minutes time. Our unit reduces lock time (the great accuracy improver) up to 75%, cocks rifle on the up turn of the bolt just as in Winchester, Remington, Springfield, Mauser and others. Simply insert in your field. Regular safety works as usual. Normally a \$15 to \$18 conversion. **OUR UNIT, READY TO INSTALL IN YOUR BOLT IN 2 MINUTES AT THE UNBELIEVABLE LOW PRICE OF \$5.95 PP.** (For 1914 or 1917 Enfields, Remington or Winchester Models only—state which—not for British SMLE)

COCKS ON OPENING

Enfields are fine actions BUT do cock on closing stroke and have an extremely slow "muddy" firing pin fall. You can bring your rifle up-to-date—equal to and often better than today's modern production—for just \$5.95 and 2 minutes time. Our unit reduces lock time (the great accuracy improver) up to 75%, cocks rifle on the up turn of the bolt just as in Winchester, Remington, Springfield, Mauser and others. Simply insert in your field. Regular safety works as usual. Normally a \$15 to \$18 conversion. **OUR UNIT, READY TO INSTALL IN YOUR BOLT IN 2 MINUTES AT THE UNBELIEVABLE LOW PRICE OF \$5.95 PP.** (For 1914 or 1917 Enfields, Remington or Winchester Models only—state which—not for British SMLE)

OUR 1936 THOMPSON submachine gun catalog
Shows, describes & prices our best conventional line of guns, including our 1927 Carbine, parts, and accessories. Fully illustrated, 216 pages. **It's the sole manufacturer of Thompson gun and equipment.**

INSTANT GUN BLUE FORMULA 44-40

Easy to use liquid—not a "Goopy" paste

NEW HIGH SPEED FORMULA takes seconds to apply—neutralizes & protects. Deep Blue permanent finish actually penetrates the steel. Used by gunsmiths and gun factories everywhere. Guaranteed to be the best cold blue you ever used—or your money back.

3 GUN SIZE—SEND\$2.00 ppd.
INDUSTRIAL—GUNSMITH SIZE
1 PINT—SEND\$7.50 ppd.
SOLD THE WORLD OVER



THE \$6,000 GOLD GUN

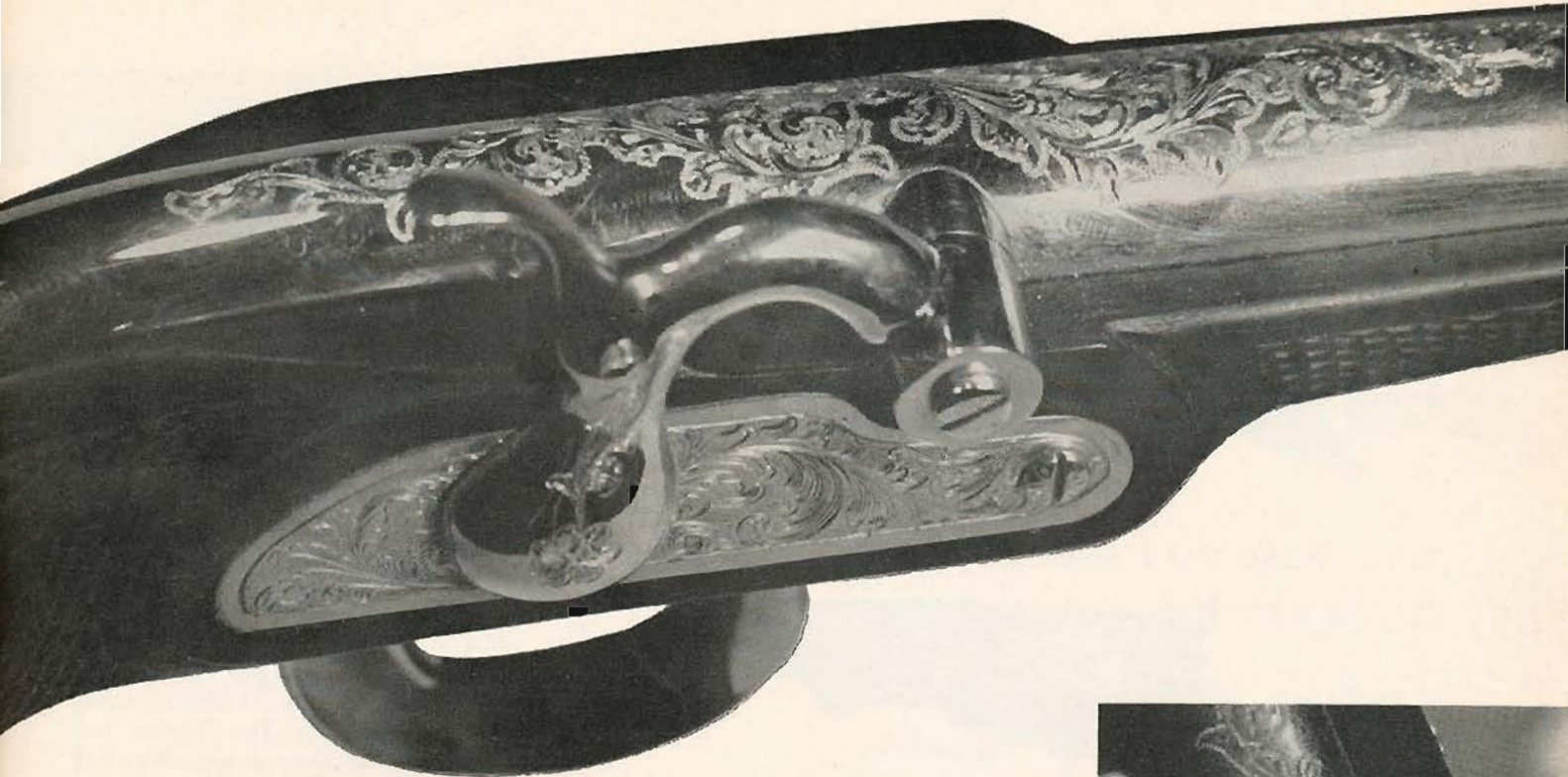
MANY HOURS OF DESIGNING AND
WORK WENT INTO THIS UNIQUE
SOLID GOLD AND ROSEWOOD GUN

By R. A. STEINDLER

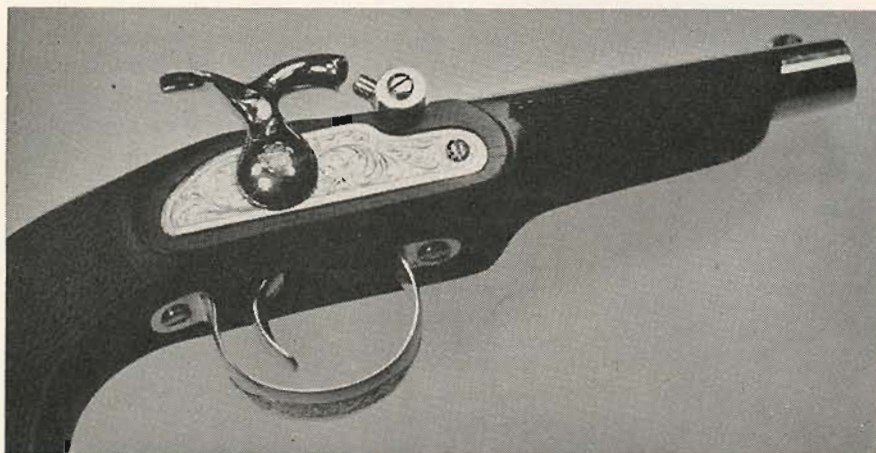
OVER THE YEARS, I have held a number of rare collector's guns in my hands, but never one that was strictly "one of a kind," one that was valued by its maker and owner at over \$6,000. The gold gun on the cover and shown on these pages is valued at this staggering figure, and it shoots solid gold balls! No applications for bullet trap cleaners are wanted—the job is spoken for!

Bill Heacock, a goldsmith in the Pacific Northwest, sent me a picture of the gun, but nobody who saw the picture believed that the gun was real, was made of 14 karat gold. Maybe this karat business should be explained. Pure gold, that is 24 karat gold, is very soft, and its softness rating is close to that of lead. The customary 14 karat gold is not pure gold, but contains 14 parts gold and ten parts alloy. In Europe and South America, most fine jewelry is made of 18 karat gold, that is 18 parts gold and six parts alloy. Relatively little known is the fact that 18 karat gold wears better than 14 karat gold, and long-wearing jewelry in China used to be made with 20 karat gold.

Fine workmanship and 14 karat gold make this caplock pistol unique and valuable.



Close-up of lock and barrel engraving shows the tasteful design of the floral scrolls.



Above: Gleaming gold of the lock, barrel, trigger, and guard contrasts nicely with the rosewood stock. Right: A close-up of barrel engraving.



In talking about the gold gun, Bill Heacock told me some interesting details. Bill, by the way, is not only a gun collector, but also a hunter, and so it was only natural for a highly skilled goldsmith to make a gun in his favorite medium—gold.

As a youngster Bill began carving wooden pistols for fun. Lacking good tools, he made a few crude ones, then swapped the wooden gun models for tools, made more models for better tools, and finally he had a few really fine tools. With those, he tackled the making of brass muzzle-loaders and brass cannon. About 30 years ago he and a friend attended a gun show in his home town, Seattle. Imagine his surprise when he found one of his own models in a high-priced collection of "rare" pistols!

His natural skill and his constant study of guns, led Bill into carving a one inch long revolver, complete with revolv-

ing cylinder—and in ivory to boot! He showed this gun to a manufacturing jeweler, and was hired on the spot. This was at the height of the depression in 1933, and Bill is still following his first love—goldsmithing.

The gold gun was abuilding in Bill's homeworkshop for two and a half years during his spare time and on his days off. The gun is a .38 caliber cap and ball smoothbore, and screws, springs, and all metal parts are 14 karat gold. Inside springs and screws are white gold—that is gold with nickel, but all other gold parts are made of yellow gold. Here are some of the gun's specifications in case you have the time, leisure, and of course, the gold to duplicate this magnificent piece of craftsmanship.

The gun fires an 80 grain ball of .38 caliber, and takes a normal black powder load without trouble. The barrel measures 3.25 inches from (Continued on page 66)



EARLY GUN

By JAMES E. SERVEN



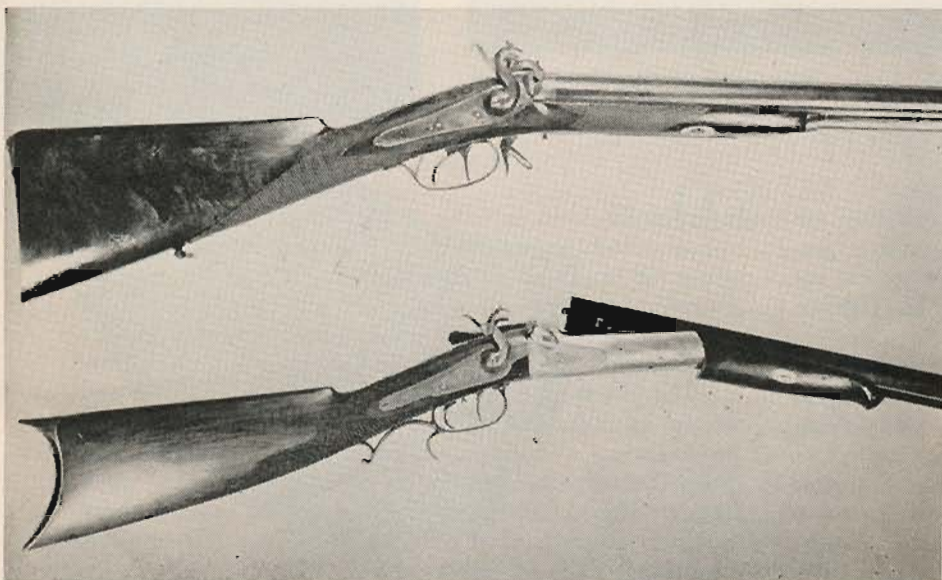
When Jules Bekeart arrived in San Francisco in 1849, he brought with him a supply of Colt's Paterson pistols (below). However, the later, 1849 Model (top), proved to be more popular.

ON JUNE 15, 1850, Captain S. E. Scott brought the sailing ship *Palestine* through the Golden Gate into San Francisco Bay. The *Palestine* had left New York December 6, 1849, and had had a long, hard voyage around the horn. Aboard was a gunmaker named Benjamin Bigelow, late of Rochester, N. Y., where, with his friend William Billingham, he had helped to make Rochester a center of fine gunmaking. Ben Bigelow had been fascinated by stories of the gold rush and of the fabulous new land beyond the Rockies; he came to see for himself if these stories of a richer life were true.

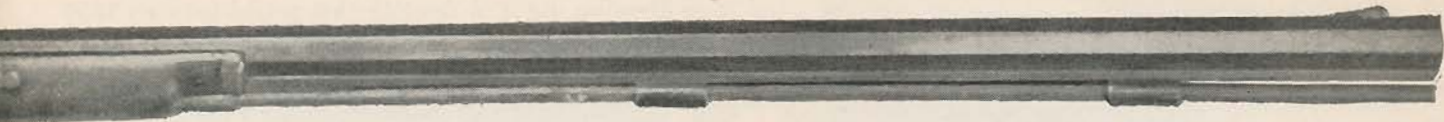
Bigelow was not the first gunmaker to head for the far west. Jules Bekeart had reached that same beautiful landlocked harbor aboard the *Oregon* on April first of 1849, and had promptly headed for Coloma where James W. Marshall had discovered the first coarse gold in the race of John Sutter's Mill. Like others who engaged in the gunmaking trade, Bekeart decided there was more gold to be picked up in building, selling, and repairing guns than could be made with a pick and gold pan. His first gun shop was a shanty affair with a canvas roof. But here began the first of three Bekeart generations continuously active and eminently successful in California's gun trade.

Ben Bigelow selected Marysville, on the fringe of the upper gold fields, as the location for his gun shop and made guns there for the next 36 years. These were but two of the pioneers who headed west to become a part of what, in a few years, was the busiest gun-selling center in the nation.

The word "early" in describing western gunmakers is, of course, rela-



Above: A three-barreled Slotterbek caplock gun, patented in 1868. Below: His break-open cartridge rifle of 1880.



Rare seven shot pill-lock rifle, made by Benjamin Bigelow, Marysville, California.

TRADE OF THE WEST

ADVERTISING DEPARTMENT. 621

SPORTSMEN'S EMPORIUM,
No. 418 Washington St. San Francisco.

ROBERT LIDDLE & CO.
GUN AND RIFLE MAKERS

AND IMPORTERS OF
GUNS, RIFLES, PISTOLS, SHOT BELTS, POUCHES
Powder Flasks, Gun Materials, Rifle Barrels and Ammunition,
Fishing Bait, Live Bait, Bait, Feathered Arrows, Cartridges of European and
FISHING AND SPORTING TACKLE

Special attention is paid to the manufacture of Fine Game
RIFLES and POCKET PISTOLS with the latest IMPROVEMENTS
FOR THE AMERICAN WEST.

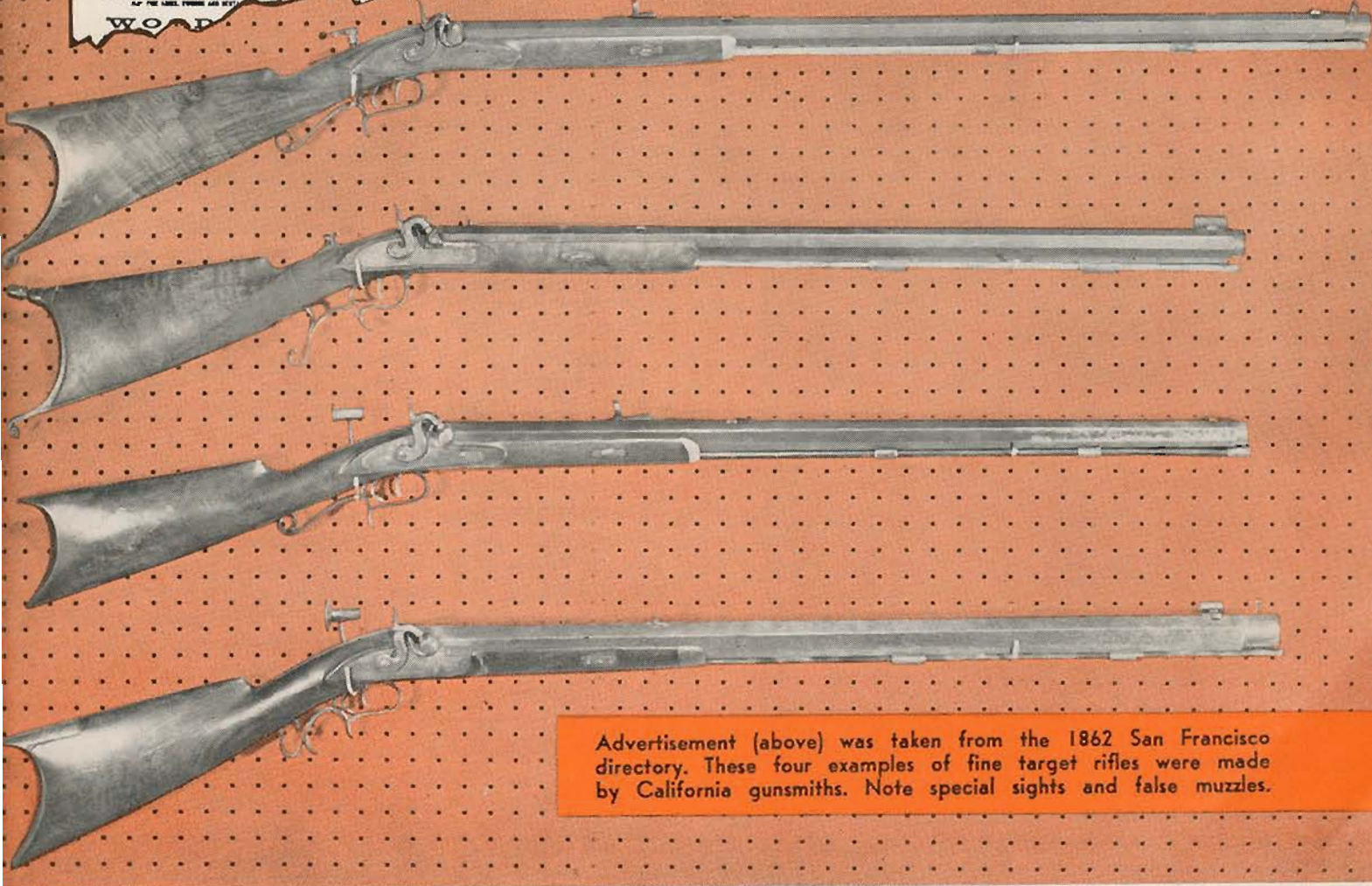
I. C. E. KLEPZIG & CO.
MANUFACTURERS AND DEALERS IN
GUNS, PISTOLS,

Sporting Apparatus, Ammunition and Gun Material.
Cor. Battery and Oregon Sts., opp. Custom House,
SAN FRANCISCO, CALIF.

Special attention is paid to the manufacture of Fine Game
RIFLES and POCKET PISTOLS with the latest IMPROVEMENTS
FOR THE AMERICAN WEST.

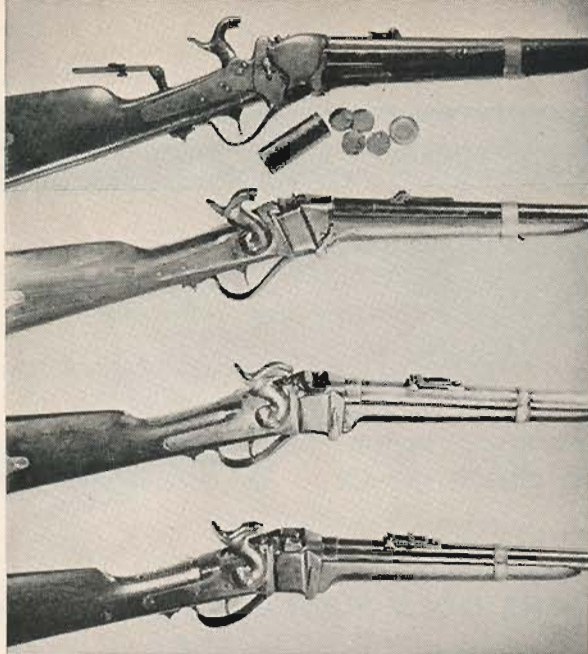
WOOD

THE GOLD RUSH DAYS DREW MANY GUN MAKERS TO THE THRIVING WESTERN STATES



Advertisement (above) was taken from the 1862 San Francisco directory. These four examples of fine target rifles were made by California gunsmiths. Note special sights and false muzzles.

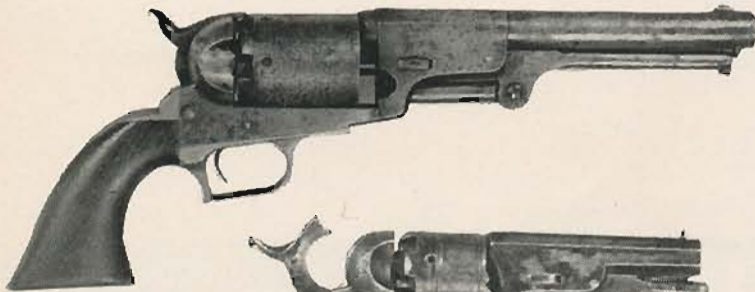
EARLY GUN TRADE



Sharps carbines, in several variations, were among the first saddle guns to enjoy a brisk sale to settlers of the frontier lands west of the Mississippi.



This Slotterbek target pistol, one of a pair, was manufactured in Lakeport, California. Fine hand finishing is much in evidence.



COLT REVOLVERS!

The Genuine Article.

A few of these celebrated
Fire Arms, for sale by
MACONDRAY & CO.
San Francisco.

The big Colt Dragon in .44 caliber (top), dwarfing the folding trigger pocket pistol, was very popular with the early westerners.

tive. Here we use it to describe that period between 1850 and 1900 when the trails of the Mountain Men were being turned into transcontinental roads paralleled by the steel rails which in 1869 firmly linked East and West—when men who came to dig raw gold from the mountains and creek beds and stayed to harvest the greater agricultural, mineral, and timber riches which the land produced. And they proceeded to build the towns and the cities. This half century was unique in our national history, involving one of the greatest mass migrations of all time.

The "Far West" is a somewhat elastic geographical term, and here I would like to stretch it a bit to include not only the western slopes of the Rocky Mountains, but also the eastern slopes including the frontier territories of Wyoming, Colorado, New Mexico and Utah.

In the early years of this period, California and Oregon were the principal destinations for the argonauts and homesteaders. Wagon trains branched off beyond Fort Bridger, the gold seekers swinging southward for the passes into California and the homesteaders turning northward along the Snake River to the Oregon territory. For all these emigrants to the far west coastal lands, San

Francisco became the hub of trade. Here many who did not travel overland arrived by steamer or by sailing ship. The gun trade was centered in San Francisco and in the towns which sprang up within a relatively limited perimeter from that bustling city. A few years ago I was able to compile a list of almost 200 California

gunmakers and gun shops whose operations dated from 1849 and up to 1900!

Prior to the discovery of gold in California, the western slope had been a rather sleepy pastoral country, visited occasionally by trading ships, these being the floating "general store" of the day. Firearms found in the area were either the old muskets of the Spanish or Mexican soldiers and colonists, or European trade guns from the ships. A few American-made guns came into the territory with venturesome Americans like Jedediah Smith and his band of trappers, but in all that vast country from the Gulf of California to Canada it is doubtful that a thousand American-made guns and pistols could be counted before the conquest of California by American forces in 1846-47.

Traditionally, New England, New York, and Pennsylvania have been the centers of armsmaking in America, first in hand-made arms, and then in machine-made guns. There was no western effort to compete with the East in machine-made guns, or in the manufacture of major gun supplies and accessories. The 1882 issue of "Commerce and Industries of the Pacific Coast" had this comment on the situation: "In firearms this coast cannot compete with the eastern states or England in manufacturing for the general market, and our local production has been limited to special and exceptional wants. Many fine rifles and shotguns have been put together here—many of the parts being manufactured in the East. This work was either done to order, or the weapons were of patterns which could not be matched among the goods manufactured elsewhere for the trade."

This statement is perhaps a little misleading. Patterns which could be matched elsewhere were made lock, stock, and barrel by some of the California gunmakers because the quality of their work could (Continued on page 61)

GIVE ME A 12 GAUGE!



The author's choice of a shotgun for all-round use is the double barrel 12 — for all game from ducks to deer.

HERE IS ONE MAN'S CHOICE FOR
A PRACTICAL GUN FOR ALL GAME

By JERRY CHIAPPETTA

WHEN I WAS less than a dozen years old, I killed my first deer, in Elk County Pennsylvania, with a .35 Remington 141 Gamemaster, which we lovingly called "The Screwdriver." As the deer sneaked toward the spot my uncle and I occupied, Uncle Jim whispered, "Take him, kid." I was excited—but that was no excuse for my poor shot. The 200 grain bullet only broke a fore-leg, and it took two more shots to bring the deer down. I didn't feel very proud—three shots to kill a 100 pound doe.

Later that same day, I made a swing through a hardwood stand to "dog" deer for Uncle Jim and my father, who still didn't have their deer. It was during this little jaunt, I saw a *real* hunter.

I still remember him clearly. He wore shiny, often-laundered blue jeans, a full beard tinged with grey hair, a red leather hat, and a hunting jacket with a big red handkerchief tacked to the back. (Continued on page 63)





M. J. Hull fires the 200 yard off-hand course with a Model 70 National Match.

TOO MANY SHOOTERS who enjoy target shooting, shy away from competing in the regional or state meets. The usual arguments run the gamut from "I am not good enough with a gun," to "those dad-blasted rules of the big matches confuse me." How do you know that your skill with a gun is not good enough? And the rules, well they may be a little more strictly enforced than on your club range, but it only means that all competitors get the same breaks, that all of them have to rely on their skill. Let's see what a state shoot is like, and don't forget that a state championship can lead you to bigger and better matches, including the U.S. Olympic team if and when you qualify.

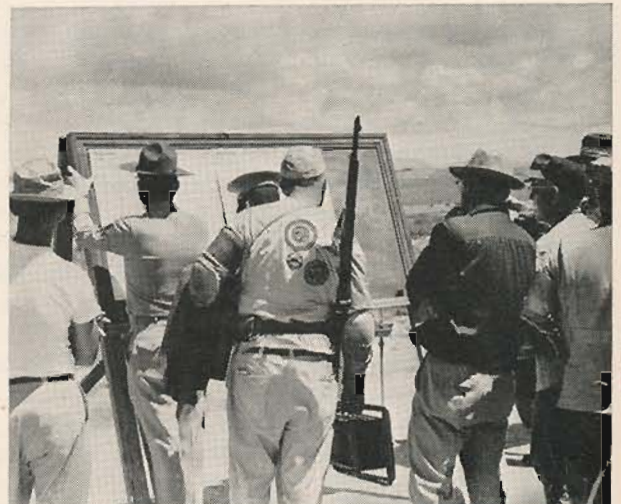
The California State Matches are held at Camp Mathews, a few miles north of San Diego. Camp Mathews is used by the Marines for training re-

STEPPING STONES TO THE OLYMPICS

By HAROLD E. NICHOLS



Left: Marine recruits do the scorekeeping on the 600 yard line. Right: A crowd gathers around the range's bulletin boards as the scores are posted.



cruits. Marine Corps personnel, under General Krulack, acted as hosts to the California Rifle and Pistol Association, sponsors of the NRA approved matches. The matches lasted three days. That the military are willing to co-operate to this extent with civilians in a sporting event, is little known, let alone appreciated by the average citizen.

The .30 caliber events must be fired on a 600 or 1000 yard range, and that means a large military range. Even if a private club had a 600 yard range, they usually do not have enough personnel or firing positions to handle all of the competitors.

This is a classified match, meaning that there are divisions of ability; beginning with Marksman and going up to Sharpshooter, Expert, and finally Master. The beginner will shoot as "unclassified" in his first match, and he'll get his qualification later by the

NRA. Henceforth he will compete with others in his own class. This system is intended to encourage the beginner, giving him an incentive to climb to a higher classification.

Most beginners are overly concerned about the poor showing they might make in their first match. This is unnecessary, as every competitor has all he can do to take care of his own score. You will generally find that no one but the scorekeeper is interested in yours. Of course, it is best to have an experienced partner to coach you, but this is not absolutely necessary. In big matches there is always more than one relay, or more than one shooter for each firing point. Any shooter not firing will always be glad to lend a helping hand to the beginner.

The high powered rifle matches are confined to .30 caliber, because that is the caliber of our service rifle. The

match is fired in two divisions; "A" for bolt action rifles, and "B" for service rifles, with separate awards for each of the divisions.

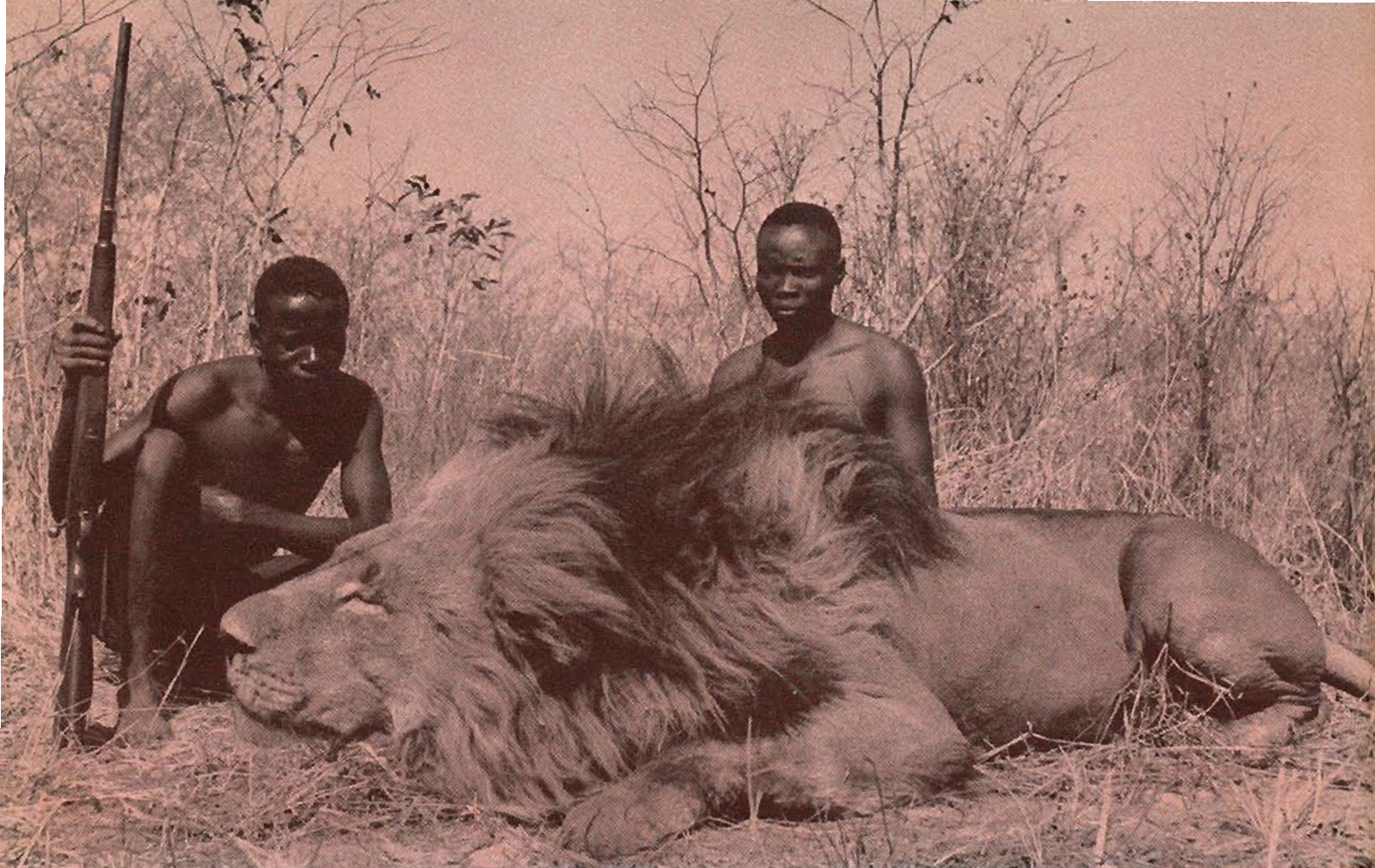
There are few restrictions on the rifle; it must be .30 caliber, with some form of iron sights, and a trigger pull of not less than three pounds. There were all kinds of rifles present at this match, from light hunting rifles to heavy barrel bull guns; some chambered for magnum cartridges. The only obstacle to using your pet magnum, is that you are allowed to use only one rifle in the entire match, and you would suffer considerably in the rapid fire events.

Most civilians, and a surprising number of Marines, were using the old Winchester Model 70 heavy barrel match rifle in .30-06. Certain team matches such as the California State Civilian (Continued on page 48)

COMPETITIVE RIFLE SHOOTING IS FUN, AND THE LOGICAL PLACES FOR A NOVICE COMPETITOR ARE THE STATE OR REGIONAL MATCHES



The 600 yard firing line at Camp Mathew Marine Corps range. Spotting scopes are a must at this distance.



Though many of the Bushmen carried ancient rifles, this one had a Winchester 70.

Bechuanaland Lions

ANGOLA

SOUTHWEST AFRICA

OKAVANGO BASIN

BECHUANALAND



Above: Sungura hangs lion bait from tree. Right: Author and Andrew Holmberg brought down this buff with a .458.

BUSHMEN HUNTERS USE ANCIENT OR MODERN ARMS, BUT RELY MAINLY ON TRACKING SKILLS

By FRANK C. HIBBEN

THE OKAVANGO RIVER comes out of southern Angola and spreads out into the sands of the Kalahari Desert like a six fingered hand pointing south-east. As the channels of water lose themselves in the thirsty sand, they form thousands of marshy lagoons and swampy pools fringed by lush vegetation. The game animals of Bechuanaland concentrate around the Okavango swamps to crop the lush grass and grow fat. One of the largest and also one of the most persistent of the Okavango channels is the Kwaai.

Our white hunter, Andrew Holmberg, had scouted out a track by which we might skirt the Okavango marshes to the east and then turn westward along the comparatively solid sandy banks of the Kwaai itself. In this way we could reach the very heart of the game country. As we made our first camp, we heard the boom of a gun. We had seen no tracks or any sign of human habitation for many miles. We had driven past herds of sable, roan, greater kudu, lechwe, and buffalo that acted as though they had never seen a human being or a safari car before.

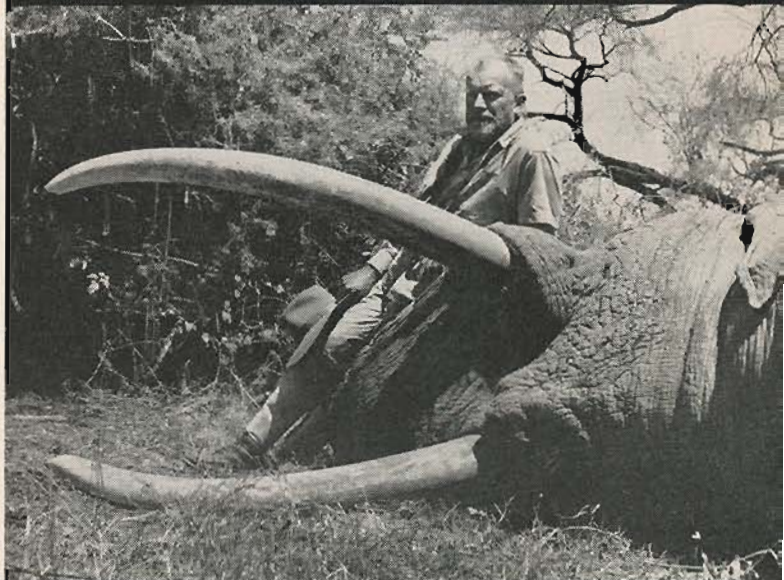
Andrew and I drove along the edge of the swamp towards the sound of the gun. Within a half mile we found a Bushman, still holding his gun, standing over the body of an impala. The gun was a smooth-bore cap and ball musket of crude manufacture. As I examined the gun, Andrew remarked sourly "I didn't know that these bloody fellows had guns." Andrew doesn't like to hunt near any one else, and the next day we pushed 50 miles up the Kwaai.

We found another hunting group, and then another, even though we moved northwestward up the Kwaai as far as we could go in the safari car. Some of the Bushmen in these camps were still using bows and poisoned arrows. We found three fellows who had 1887 Enfield Martini Henry guns, apparently left over from the Boer War of 1898.

We had heard from the natives that the Okavango lions have the biggest manes in Africa. As we visited a Bushman camp, we found a group of hunters feasting on the assorted plumbing from the insides of a lion which they had just killed with a poisoned arrow. One of our safari boys could talk a little of the peculiar click language of the Bushmen; we learned that they kill and eat lions regularly, so that the hunter may acquire the cunning and power of the king of beasts. The chief of the largest Bushman camp was named "Kweri." Andrew hired Kweri to show us where the lions were and to help us track them. Kweri entered enthusiastically into the job especially when our interpreter explained that if we got *(Continued on page 57)*

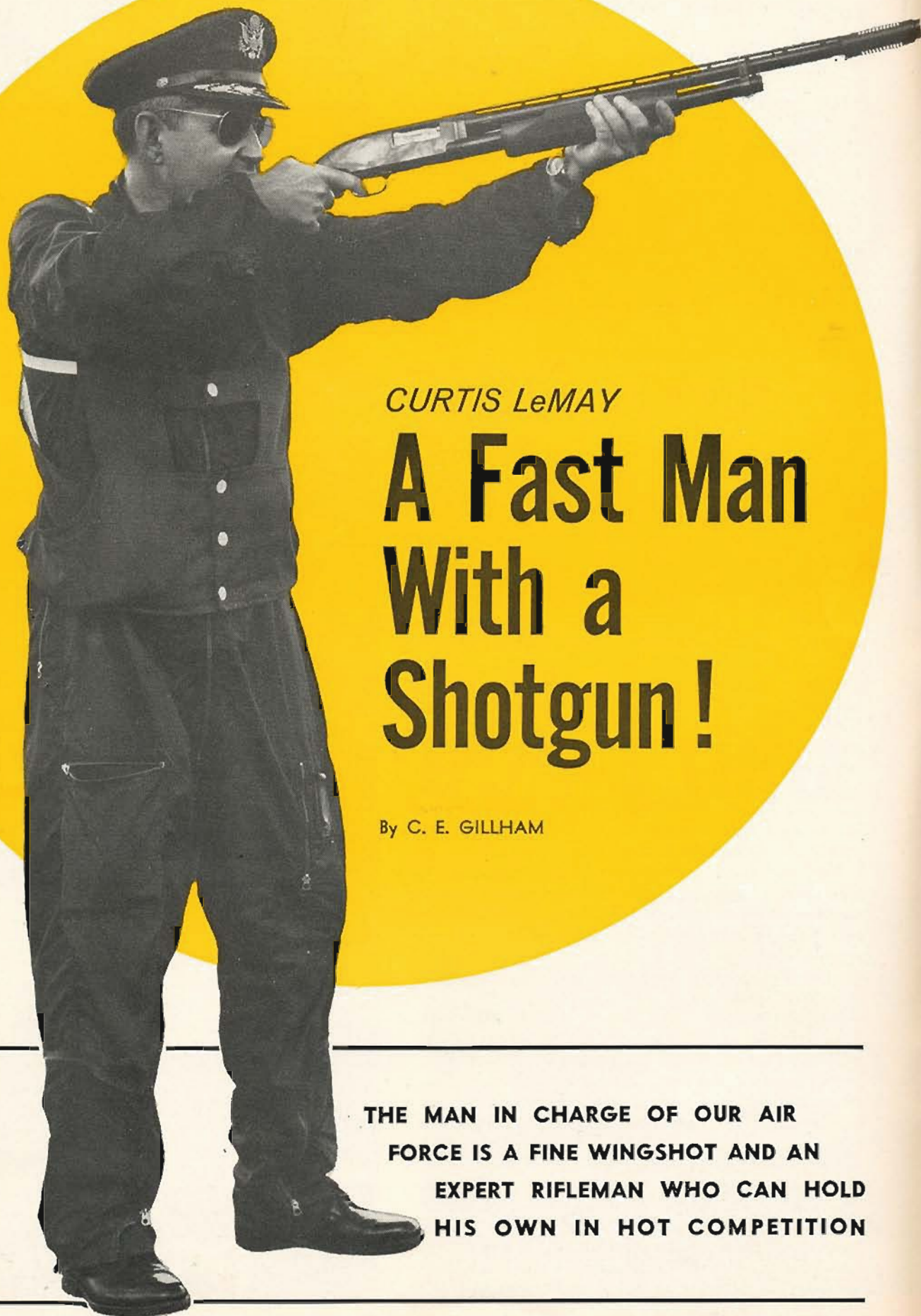


Above: Many trophy-size Sable antelope are to be found along the Kwaai. This one has 45 inch horns.



Above: Author's elephant had even, 88 pound tusks.
Below: Bushman's poison arrow is lethal on game.





CURTIS LeMAY

A Fast Man With a Shotgun!

By C. E. GILLHAM

THE MAN IN CHARGE OF OUR AIR
FORCE IS A FINE WINGSHOT AND AN
EXPERT RIFLEMAN WHO CAN HOLD
HIS OWN IN HOT COMPETITION

IT WAS IN NOVEMBER, and we were attending the National Retriever Trials at the Weldon Springs Wildlife Area, Missouri. A dozen of us were acting as "guns," and shooting in pairs over the finest dogs. If one "gun" misses, his companion must clobber the bird; a miss by both is almost a disgrace. I glanced at my shooting companion, having just been introduced to him, His name—Curtis LeMay.

Bill Harder, from Omaha, was the Captain of the "guns." I had shot in the Nationals before, but I had never heard of General LeMay as being a retriever trial shooter. Also, once in a while in the Nationals, a gunner is chosen who is not quite up to snuff. Harder was a practical fellow in choosing his shooters, I decided. But putting this General on his list, just because he knew him, didn't give me any appetite.

Driving rain, with sleety pellets intermixed, swirled directly across our line of fire. The General was to my left, a bird thrower stood between, and we were shooting ducks. The only thing LeMay wore that could identify him as Air Force was an old worn pair of GI boots. An unlighted cigar stuck upward at a 45 degree angle and he looked as pleasant as a bulldog with a heavy infestation of wood ticks, the mange, and no feed in two weeks. "Why the hell," I wondered, "do I draw this person in such numb-fingering weather—crosswind, sleet, and a guy who had never even shot in a small Podunk trial?"

Gunners take turns, when one shoots the other backs him. No doubt Bill Harder thought I was a fitting candidate to warm up with the General and that I could hit the birds he would miss. Normally, I would have cherished this great trust in me; as it was, I was mad as a hatter. The first dog on the line belonged to the man for whom I worked. At least I knew shooting etiquette. "Your shot, General," I told him, "I am backing." He didn't even answer me.

"Bird," the handler shouted when the judges gave the signal for the mallard to be airborne. The boy heaved the duck into the crosswind, and I glanced quickly to my left. Did you ever see a cat about to pounce upon a mouse—a man almost bite a thick cigar in two—a trap shot about to win the Grand American Handicap when he had broken 99 targets and had but one more to go? If you have, you know what concentration is. LeMay had nothing else but.

The thrown duck, true to all of his racial instincts, swung into the wind. I had my finger on the trigger, and almost pulled it off when the General cut him down. It was a great shot, one really under pressure. I suddenly realized I wasn't with one of those cocktail boys, but a rough, tough character who asked no quarter—and probably would give none. Then came the pheasants. These birds are exactly

Left to right: General Thomas D. White, Lt. General John McConnell, and General LeMay.



Left: LeMay is an ardent reloader. Right: Winchester craftsman prepares a grip cap for Model 50 presented to General LeMay as 1957 "Outdoorsman of the Year."

contrary to ducks. Thrown downwind, they take off, plunge for the tules, really get up speed. To hit them is not too difficult, to kill them is something else. To drop them all at a given range, where the Judges want them, is rough.

LeMay never pulled a boo-boo in four days of gunning, and I was by his side a considerable portion of that time. Most interesting, all we gunners, and many of the dog handlers and owners, stopped in a motel at the outskirts of St. Louis. Bill Harder, General LeMay, and Andy Devine roomed together. Two or three times I actually saw this great movie and television comic make the General smile. This was a most unusual thing.

One blustery, snowy day, as Andy Devine, Harder, the General, and I sat in a station wagon awaiting our turn to shoot, Andy turned to Bill Harder. "Bill," he gabbled in that high-pitched voice that only Devine owns, "Bill, I wish you would make the General shut up, he is talking me to death." That was really the big laugh of the four days—LeMay probably hadn't spoken a hundred words in the past week. He just doesn't talk; but he is a good and polite listener. Maybe this is the reason he is a great General.



With the shoot over, all gunners, dog handlers, and judges were invited to a two day wild mallard shoot, as guest of Mr. J. M. Olin of the Winchester-Western organization. He was my boss, and as we prepared to leave our tourist cabins, he told me to see to it that a company owned aircraft, a DC3, had all the guests aboard for whom I was responsible. Andy, the General, and Harder were three of them. I met Andy at the door of the cabin, in a high state of excitement. "You know what that General is doing in the bathroom??" he demanded in that high-pitched gravel voice. "He is washing the mud off my boots in the bathtub—that dog robber."

This I had to see. Andy was right. With a scrub brush that the General carries in his kit, he was down on his knees before the bathtub, carefully cleaning that Weldon Springs mud from his old GI boots and a couple of things, size 12, that Andy called his high-top shoes. What a hell of a guy!

I suppose when one writes about a four star General he should mention all the decorations of the man—the things he did and whatnot. Probably all this has been written a hundred times, and because Curt (Continued on page 43)

Peepsights for

A HUNTING RIFLE IS ONLY AS GOOD AS ITS SIGHTS, AND THE AUTHOR HAS SOME STRONG OPINIONS ON THEIR SELECTION



By TOM HAYES

SIHTING DEVICES for rifles can be roughly divided into two classifications—iron, or more properly metallic, and glass or telescopic.

Metallic sights can further be divided into open and aperture (or peep) sights. There are many variations encountered in each of these types and, since the front sights used with either type is basically the same, let's concentrate on the rear sights.

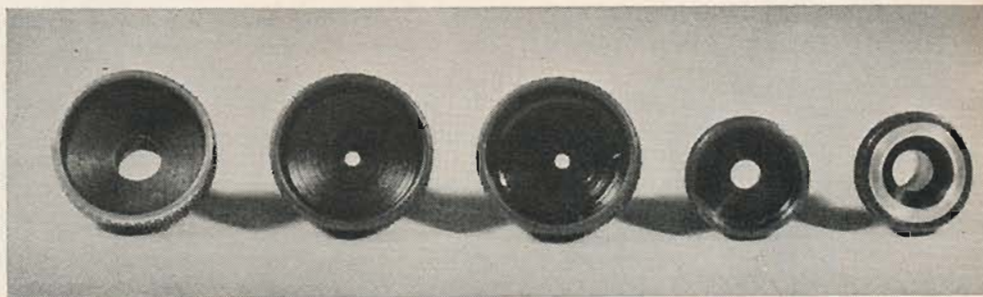
The aperture rear sight is just what the name implies; a small hole, entirely surrounded by an opaque rim, through which the shooter aims. Any rear sight with a gap or slot which is not completely encircled by an opaque rim becomes an open sight.

Early peep sights were mounted on the tang, quite close to the eye, a position best for precise, deliberate shooting. Tang-mounted aperture sights are still used on some rim-fire rifles, and even on hunting rifles which develop recoil no greater than that of a .30-30 cartridge. In theory, a sight positioned quite close to the eye would cut down the time required to get "on target," but it seldom works out that way in practice. Only when stock dimensions place the aiming eye exactly in line with the sights at the instant the butt hits the shoulder, when the shooter is uniformly positioned for each shot, and the quarry appears from an anticipated direction and on the same level as the shooter, only then will the closely positioned peep sight prove faster than one which is positioned

somewhat farther forward. However, a rear peep sight which is mounted *too* far forward is slow and inefficient.

I have found the best position for a hunting aperture sight to be approximately one inch to the rear of the trigger. The design of most bolt-action rifles, unfortunately, requires the aperture to be mounted ahead of the bolt handle, which, in turn, is ahead of the trigger. For this reason the aperture sight is not at its best on the usual bolt-action rifle. But even in this position, the peep sight is superior to any form of open sight on any rifle, except those used for stopping dangerous and big game.

The open sight operates on an optical principle entirely different from that of the aperture sight. It is mounted much farther forward, and the shooter must focus it sharply while taking aim; he must position the front sight, both vertically and horizontally, in the



Above: Lyman's 66 sight has quick release slide. Below: The smaller size apertures are for target shooting; larger holes are the best for hunting.

Hunting Rifles

notch of the rear sight and bring the top of the front sight to bear on the desired point of impact. Aiming with open sights requires the eye to shift rapidly back and forth between rear sight, front sight, and target, each in a different focal plane. No human eye can do a perfect job of aligning open sights, and few men become skilled in their use.

The good open sights have the horizontal sighting bar devoid of any side projections to blot out the view. Since the very best open sight blots out half the view, the semi-buckhorn and the "full" buckhorn sights should be avoid-

ed. A "U" notch is preferred over the "V" notch, although the sighting bar itself may be very slightly concave. Probably the best open sight for stopping dangerous game is one of the British types; a wide, sloping "V," having no notch at all. On these, a white, vertical line or diamond marks the apex of the "V." A very large front bead of gold or ivory is required for this combination.

The aperture sight is deliberately placed close to the eye so that focusing is not needed. The shooter simply looks through the aperture, places the top of the front sight on the spot he wants

to hit, and squeezes the trigger. Even though the shooter seems to see "all outdoors" through the aperture, accuracy is assured because the eye naturally seeks the spot of greatest visibility—the exact center of the aperture. The aperture is the most accurate and fastest metallic sight known.

Most aperture sights have an auxiliary screw-in disc with a small "peep" hole. This disc—with its tiny sighting hole—is for the deliberate shooting of black-and-white targets. It sharpens the contrast between the white paper and the black bull, but its small size contributes only very slightly toward increased accuracy.

The shooter should remove the screw-in disc while using his rifle while hunting. If the disc is left in place, the aperture becomes the poorest hunting sight known.

No rifle is better than its sights. For the hunting (Continued on page 53)



Author prefers peep sights on any hunting rifle, and recommends that the aperture disc should be removed for faster, more accurate sighting.

"Hunter" knobs, on the right, need coin or screwdriver for adjustment. "Target" knobs may be accidentally turned off zero with the fingers.



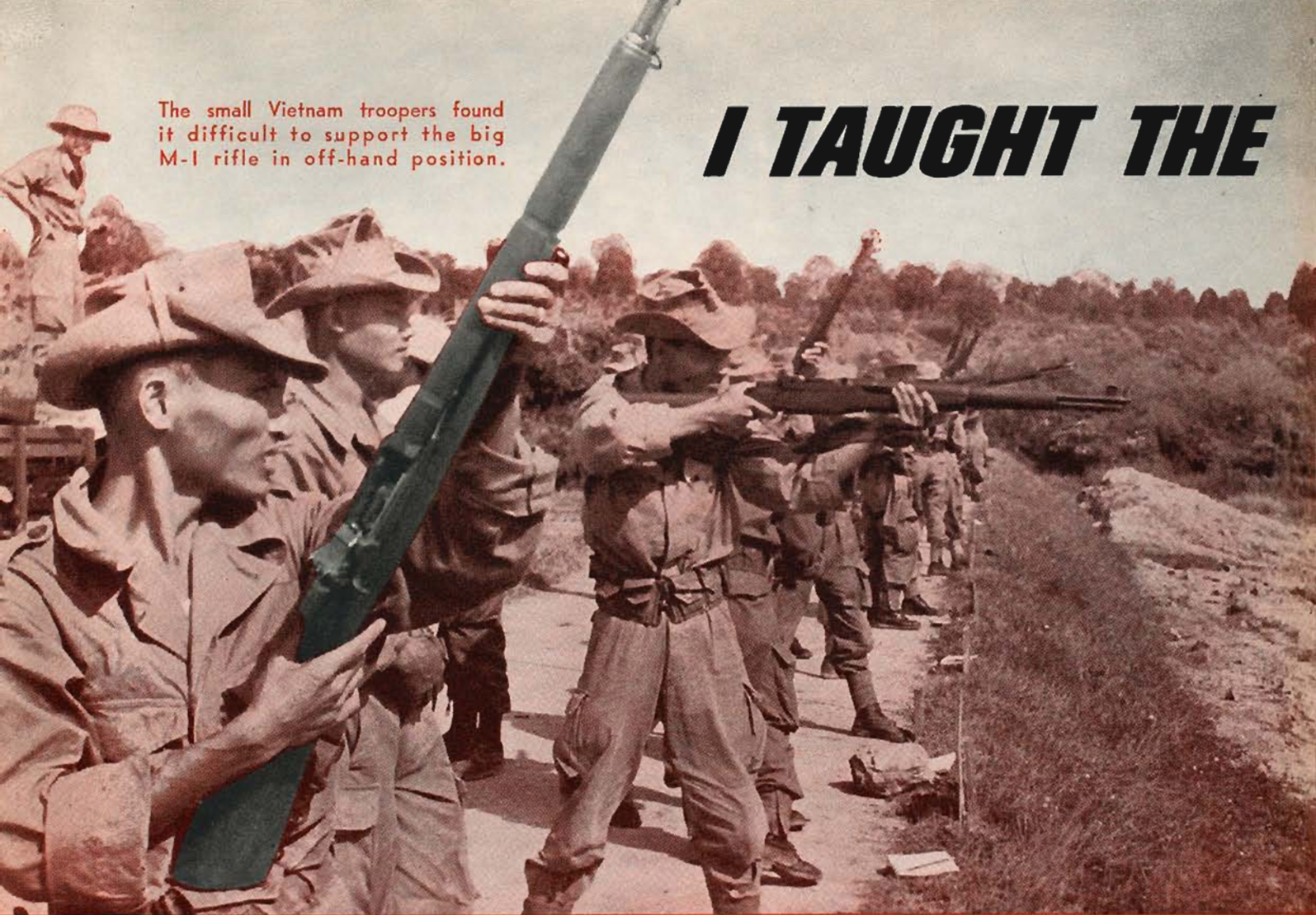
Williams "Foolproof" sight has screw slot adjustments. An optional "twilight" or "shotgun" aperture should be used.



Even the small game rifle is improved when open sights are replaced by peep, as on Remington 66.

The small Vietnam troopers found it difficult to support the big M-1 rifle in off-hand position.

I TAUGHT THE



Above: The Vietnamese were more interested in making noise than in hitting the bull's-eye. Right: Unique and practical Japanese rifle target frame. One target could be scored as the other was fired on.

VIETNAMESE TO SHOOT!

THE VIETNAMESE ARMY is fighting the Communists with worn out rifles. I was in Vietnam before the war hotted up and I fired hundreds of these M-1's, inspected thousands more. Their barrels are shot out. At combat yardages, that is to say out to 300 meters, these rifles cannot hit the enemy. Bullets will keyhole, groups are too large to stay on the silhouette target, and failure to eject is commonplace.

These M-1's, furnished to our Asian allies, were manufactured during 1940-43, were then issued for use in our training centers. Here each rifle went through a succession of owners, literally hundreds of users. Under the accelerated training program of the war years, the recruit was handed his rifle, was drilled with it, fired it, and then was rushed off to the combat theatre. The weapon stayed behind, was promptly issued to the next rookie.

After the war these rifles were issued in Vietnam. The French and their Vietnamese allies went to war against the Communists in Indo-China during 1946. The French, as a result of their surrender to Hitler in 1940, had no small arms of their own, and they turned to the U.S. for weapons. We dragged out our old recruit-abused M-1's and gave them thousands upon thousands of these old muskets.

The war began in 1946 and did not pinch out until 1954. During those eight years the American M-1's never cooled, and these old guns passed from Frenchman to Vietnam ally and back again. The debacle at Dien Bien Phu spelled the end for the French in Vietnam, and they were forced out of Indo-China. The South Vietnamese organized a new army of ten divisions and the American small arms, now some 14 years in use and wearing the deep scars of literally scores of owners, were passed over to the new forces.

The annual rainfall measures 300 inches in Vietnam. The M-1's, in the country since 1946, endured the annual monsoon with scant care and virtually no repairs. When I appeared on the scene in 1956, I found that most of them wouldn't hit a man-sized silhouette target at combat yardages, and it was a wonder that they would shoot at all!

During the 13 months I was in the country, I fired and inspected thousands of these weapons. We had no inside micrometers to check barrel wear, but we evolved some pretty definitive field-test expedients which told us all we needed to know. We'd pull a bullet from a .30-06 cartridge and force the bullet through the barrel with a ramrod. Many times bullets would emerge with absolutely no rifling marks on them!

Fired for group at 100, 200, and 300 yards, with selected rifles, I could expect one of these hand-picked rifles to group in an 8 inch ring at 100 yards, a 20 inch at 200 yards, and many shots would miss the target frame altogether at 300 yards. Keyholing was common and even the best of those (Continued on page 51)

ARE WORN OUT RIFLES AND LACK OF INTEREST IN MARKSMANSHIP KEEPING THE VIETNAMESE ARMY FROM VICTORY?

By COL. CHARLES ASKINS



Rifle butt, cut off 1½ inches, proved too short even for the small statured Vietnamese guerilla fighters.

HERE'S A UNIQUE, NEW METHOD FOR LOCATING
WARY GOBBLERS AND GETTING INTO CALLING POSITION



Left: Opal Cardin takes deep breath and "owls." Above: Opal's slate turkey call.

When gobbler is near, Opal switches from slate to piece of balloon for soft call.

TRY 'OWLING' FOR GOBBLERS



By GRITS GRESHAM



Webster Cotton's gobbler was a big one, with a fine 11 inch beard. It weighed 21 pounds.

"CAN YOU SHOOT lyin' down?" Opal Cardin whispered the question into my ear through his cupped hand. As I nodded "yes" another explosive gobble shattered the crisp April air, the hackles on the back of my neck rose to attention, and I bellied quietly into a prone position. I eased the twin tubes of the Model 21 into the right direction, nestled down into the stock, and fleetingly reflected that a decade of effort was about to end. The big bird was coming—fast!

Three days earlier I had driven into Malvern, Arkansas, for this rendezvous with gobbler destiny, and brought with me a long and frustrating history of turkey hunting experience.



Prone position, preferred by Opal Cardin, is used for close-in calling, and as a stable shooting position.

Over a period of some ten years I had made more hunts than I care to admit, in Louisiana and in Florida, with some of the very best turkey hunters, yet my no-hit record as a gobbler-gunner was firmly established. There were several hunts with Harvey Lee Spruill in the bottomlands of the Tensas River in northeast Louisiana. Harvey Lee is a great woodsman and a superb turkey caller, but when I was along he might as well have been a rank amateur. Two years in a row he killed big gobblers the day *after* I left.

Jim Spruill, who nurse-maids wildlife on the vast Chicago Mills Game Management Area in Louisiana, who knows every gobbler by name, who uses a turkey box with the same skill he has in making them . . . ole Jim struck out mightily when Grits was along.

The noble wild turkey is a trophy worth working for, I kept telling myself, and mid-April of 1963 found me driving from my home in Natchitoches, Louisiana, to Malvern, which lies in the foothills of the Ouachita Mountains 23 miles southeast of Hot Springs. I was joined there by Joe Linduska, who flew in from Chestertown, Maryland, where he is manager of the Remington Farms. Joe also wanted to loose a gobbler-directed volley with malice aforethought. How much "malice" I was only to learn later.

"If the weather's good in the morning," Hewell Selph said over dinner the first evening we were in town, "one of you should get a shot if you can keep still and be quiet."

"Be up t'you t'hit him, though," added Opal Cardin with a chuckle.

These were the two "Malvernites" who were taking us in tow for the turkey safari, and when this pair speaks it pays to listen if you're looking for gobbler information.

Hewell is acknowledged as being the kingpin of the fraternity. With "more than a hundred" gobblers to his credit, he's earned the title. Hewell is such a recognized authority on turkeys and turkey hunting, in fact, (*Continued on page 38*)



Webster Cotton's call intrigues (L-R) Opal, Louis Cooper, Hewell Selph, and Joe Linduska.

WORLD'S LARGEST COLLECTION OF AMERICA'S GREATEST SHOOTERS' BARGAINS

WORLD FAMOUS FRENCH DOUBLE BARREL SHOTGUNS!

16 Gauge



"There's nothing like a double."

ONLY \$59.95!

✓ CHECK THESE FEATURES!

An incredible find: An even more incredible bargain! Custom French manufactured (M.A.C.) double barrel shotguns in the ever popular 16 Gauge, and only \$59.95 in NRA GOOD or better condition—Some extra select in NRA VERY GOOD or better condition only \$10.00 more. A QUALITY double is almost impossible to locate at ANY price—but here they are—and NOT to be confused with those cheap, crude, stamped out monstrosities from various other sources. Your modest investment here will insure you a lifetime of shooting pleasure and pride-of-ownership. A truly outstanding opportunity to own the very finest!

- Finest quality classic Continental-English elegant design.
- Superb French craftsmanship—manufactured by MANUFACTURE NATIONALE D'ARMES DE CHATELLERAULT.
- Selected French walnut stocks.
- All 16 Gauge with standard American 2 3/4 inch chamber.
- 27 inch barrels with modified and full choke.
- Weight only 6 1/2 lbs.
- Best quality super-strength box-lock action with TRIPLE locking system—the two primary seating locks have patented design to automatically take up any slack.
- Special design to relieve stress on hinge joint.
- Barrels AND receiver specially treated and forged from nickel chrome steel.
- Matted rib with brass front sight.

THE FINEST SHOTGUN BARGAIN EVER TO REACH THE AMERICAN MARKET!

WORLD RENOWNED U. S. SPRINGFIELDS!
Cal. .30-06

High numbers ONLY \$39.95!

IN STOCK! All in very good or better condition! The greatest of them all, the INCOMPARABLE Springfield at the lowest price ever — for high numbers. These are NOT the crude, makeshift assembled jobs advertised by others; these are NOT the left-overs rotting in steaming South American jungles, but original Springfields in the finest condition ever. HIGH NUMBERS only \$39.95! HIGH NUMBERS WITH TARGET TYPE C STOCK \$42.95! New web slings \$1.00. Low numbers a gigantic \$10 LESS!

LATEST U.S. MODEL 03A3 SPRINGFIELDS!
Cal. .30-06

ONLY \$42.95!

Still another incredible supply of the last of the best—the latest of the world renowned U.S. Springfields—the great 03A3 model. Manufactured in the HIGH number series only, and with the receiver type rear sight. All nickel steel receivers! All in NRA GOOD or better condition. Special selection only \$5.00 more. Own the best while still available!

U. S. ARMY MODEL 1917!
Cal. .30-06

ONLY \$29.95!

All milled parts—fresh from government cases. All NRA GOOD or better. A few Very Good only \$5.00 additional. Genuine new Webb Slings \$1.00—used .50. The world's strongest bolt action! Order yours today. If you prefer Remington or Winchester manufacture, a limited number \$3 more.

ENFIELD P-14 RIFLES!
Cal. .303

ONLY \$19.95!

Seldom available, and then only in small lots. Now bulk purchased to make these available at the lowest price ever and in NRA GOOD and better condition. Some NRA VERY GOOD only \$4.00 more. The strongest bolt action ever made—perfect to convert to a magnum caliber—ask any gunsmith. Web slings NEW only \$1.00. Plenty of .303 ammo—see below!

ROYAL ENFIELD No. 4 SERVICE RIFLE!
Cal. .303

ONLY \$18.95!

Superb Royal Enfield No. 4 Service Rifle—pride of the British Empire—used in front line service as late as Korea—many still in use. Strictly a NEW lot, all carefully inspected and cleaned prior to shipment—not the over-worn grease covered leftovers as available previously. All in good or better condition and a few VERY GOOD only \$3.00 more. Iron Bayonets only \$1.00 when ordered with rifle. The very finest.

MODEL 98 "ARCTIC" MAUSERS!
Cal. 8MM

ONLY \$26.95!

BACK AGAIN! . . . The model that broke ALL sales records in 1960! SPECIAL M98K Mausers (World War II type) designed for "Arctic" use. Special over-sized trigger-guard for "fumble proof" speed with (or without) your favorite mittens. Standard 8MM caliber, 24 inch barrel, modern turned down bolt handle—all for only \$26.95 in NRA GOOD condition. Some NRA EXCELLENT only \$3.00 more!

NEW MAUSER LEATHER SLINGS \$1.95!

WORLD WAR II GERMAN MODEL 98K MAUSERS!
Cal. 8MM

ONLY \$26.95!

World War II type, with 24" barrel. Those with milled type Trigger Guards ONLY \$3.00 more. ALL carefully stored and guaranteed in NRA GOOD condition. Be sure and take advantage of our top-grade 8MM ammunition at the ultra bargain price of only \$4.00 per 100 rounds. PAY FOR YOUR RIFLE WITH AMMUNITION.

New leather slings \$1.95.

MODEL 43 (M98) MAUSERS!
Cal. 8 MM

ONLY \$34.95!

WW II M98K type. Manufactured in Spain AFTER WW II—some as late as the mid 50's. ALL with ALL milled parts. ALL with 24" barrel. ALL reconditioned, reblued and refinished. ALL complete with original cleaning rod and muzzle cover. ALL guaranteed NRA VERY GOOD to much better. 8 MM Ammunition only \$4.00 per 100 rounds!

Original bayonets only \$1.95!

PERSIAN MAUSER CARBINES!
Cal. 8MM

ONLY \$34.95!

The great Persian Mauser Carbine! Every double Mauser feature wrapped up into one unit. All in good or better condition at only \$34.95. Bayonets with scabbards only \$1.95. Avoid bitter disappointment. Order this exceptional bargain today while they last!

NEW LEATHER SLINGS \$1.95!

IMPROVED M40 TOKAREVS!
Cal. 7.62 Russian

NOW ONLY \$34.95!

Still another Ye Old Hunter spectacular arms coup! Fine Tokarev semi-automatic rifles IN THE LATEST M40 MODEL, and at a price so LOW that even Nikita may order one! All good or much better (some very good) select specimens only \$3.00 more) and complete with detachable magazine and two original take down tools. The lowest-priced high quality semi-auto ever! A prize Western purchase ready for your order.

IMPORTANT SALES INFORMATION — PLEASE READ CAREFULLY! All guns and ammo shipped RAILWAY EXPRESS OR TRUCK (Shipping Charges Collect) from Alexandria, Va. Send check or Money Order. DO NOT SEND CASH. Sorry no COD's. Regret we are unable to accept any "All Heart" Sale order less than \$5.00 "Money's

Worth or Money Back" Guarantee when goods are returned prepaid within two days after receipt. Ye Old Hunter will not answer acrimonious letters. Send them elsewhere. Sales limited to continental United States! Special sale prices, above, are good for month of publication only!

REGISTERED DEALERS. Write on your official business letterhead for new sensational discount lists. Visit HUNTERS LODGE during weekdays for greatest Dealer bargains EVER. Also many choice unadvertised items at special low prices!

The Old Hunter uses only unretouched photos so you can see how they really look.



S
A
V
E
80%

ALL HAND GUN PURCHASES MUST CONFORM TO REQUIREMENTS OF THE FEDERAL FIREARMS ACT. STATEMENT WILL BE FORWARDED FOR SIGNATURE PRIOR TO SHIPMENT ON SALES TO OTHER THAN LICENSED DEALERS. WE REQUIRE YOUR CITY OR STATE PERMIT WHEREVER APPLICABLE.

German Pistole Model '08

Cal. 9MM Parabellum



ONLY
\$39.95!

THE "WORLD'S GREATEST PISTOL!" THE ONE PISTOL IN THE WORLD THAT NEEDS NO INTRODUCTION. The famous creation of the world renowned Georg Luger. Officially designated by the manufacturer as "Pistole Parabellum Model '08"—the year it was originally adopted by the German Army. Guaranteed completely serviceable in NRA GOOD condition but showing prolonged holster wear only \$39.95. Plenty of superb non-corrosive, boxer primed 9MM Parabellum Ammunition in stock only \$4.00 per 100 rounds! Some custom commercially rebuffed with "like new" grips and NRA GOOD barrels only \$49.95. Each pistol attractively boxed.

RARE ORIGINAL ACCESSORIES!

Brown Leather Deluxe Holsters w/extra Magazines Pocket 4.95!



P-38 PISTOLS!

Cal. 9MM Parabellum



ONLY
\$34.95!

NRA good plus condition Walther P-38 pistols at an unbelievably low \$34.95—today, the official side arm of German NATO Forces. Adopted by the German Army in 1928 to replace the German Pistole Model '08. Fires single and double action. Some NRA Very Good only \$5 more! 9mm Parabellum, boxer primed, non-corrosive ammunition at a bargain \$4 per hundred rounds. Each pistol attractively boxed. Original Black Nazi last-issue "quick draw type" leather holsters only \$3.95 extra! Some BRAND New only \$6.95! Extra magazines only \$4.95.

COLLECTORS!! MAUSER P-38's made after WW II ended!
WALTHER P-38 SVW 45 CODE with rust-proof finish and matching numbers ONLY \$55.00. Same with blue finish \$10.00 more.
WALTHER P-38 SVW 46 CODE with rust-proof finish and matching numbers ONLY \$90.00. Same with blue finish \$10.00 more.
ALL NRA VERY GOOD and complete with FREE holster and FREE EXTRA magazine!

STAR MODEL B!

BRAND NEW!
Cal. 9MM



ONLY
\$44.95!

Complete with NEW leather holster and extra magazine and cleaning rod. One of the latest commercial STAR designs in the popular, readily available, 9MM Parabellum (Luger) caliber. Time-tested Browning design, easy operation, fit and magazine, commercial blue finish, case hardened hammer, genuine checkered grips and individually packed.

FREE! New Leather Holster with Magazine Pocket!
New Extra Magazine!
New Cleaning Rod!

ASTRA MODEL 3000!

BRAND NEW!
Cal. .380



ONLY
\$34.95!

Almost too good to be true—but here they are—Model 3000 ASTRA pistols in the extra popular .380 caliber and BRAND NEW. An absolute give-away for you who demand something BRAND NEW at a "surplus" price—priced so fantastically low only because of huge Spanish shipment. Features the Dumb AND grip safety, plus internal hammer. The pistol that EVERYONE would LIKE to own but only the first several thousand orders accepted—so dash yours off today. Remember, these are Brand New!

FREE! EXTRA MAGAZINE

RARE MODEL 1940 LAHTI!

Cal. 9MM Parabellum



ONLY
\$59.95!

Original Model 40 LAHTI Pistols—designed by the famous Finnish weapon designer Amlo Lahti and manufactured by the great Swedish Arms Factory, HUSQVARNA. Monogram of the beautiful Swedish emblem embedded in grip. ALL NRA VERY GOOD and ALL accessories listed below included FREE! Some NRA EXCELLENT only \$10.00 more. 9MM Parabellum ammo only \$4.00 per 100.

FREE ORIGINAL ACCESSORIES!
Extra Magazine — Taken-down Tool — Cleaning Rod — Official Swedish Army Holster.

MAUSER HSc AUTOMATIC!

Cal. .32 ACP



NOW ONLY
\$29.95!

Very latest, improved genuine MAUSER .32 ACP Automatic. Manufactured as late as World War II by the great Mauser Works at Oberndorf. The most modern of the entire Mauser line with single and double action variation and ultra modern design. Guaranteed with Excellent bar- and fine rust proof finish. Shows your very last chance for a buy of your time. All pistols \$29.95! or better condition. Extra magazines only 3.95 each!

BROWNING .32 AUTO!

Cal. .32 ACP



ONLY
\$26.95!

The superb, unequalled Browning .32 Automatic in the latest (M22) model—mfg. by Fabrique National d'Armes de Guerre, Liege, Belgium. BROWNING—the greatest name in automatic pistols—design and production excellence at its best! All in the popular .32 Auto caliber and in very good condition at only \$26.95. Some excellent \$3.00 additional. Has the improved extra capacity 9 round magazine, the greatest magazine capacity of any .32 ACP pistol! Insist only on the best—make yours a BROWNING! Extra magazines \$2.95, cleaning rods \$3.50.

FRENCH M.A.B. MODEL D!

Cal. .32 ACP



ONLY
\$22.95!

A premium pistol of truly modern style and design. Clean post-war lines with proven construction at a price unbelievably low—only a meager \$22.95 and in NRA Very Good condition. The dollar for dollar bargain of the day that will never again be matched. Features both handy thumb safety and extra safe grip safety. Full nine round magazine capacity. A pistol you need not be ashamed of in ANY company—a perfect utility side-arm to compliment your collection. Be among the first. Order now!

RUBY .32 AUTOMATIC!

Cal. .32 ACP



ONLY
\$17.95!

One of the Spanish reserve force "Franco's favorite!" The sturdy Ruby design has a lasting reputation as being one of the best automatic pistols ever produced on the Iberian peninsula. All have a positive lever safety and long which houses the extra large thirty nine shot magazine. Offered in NRA good condition at only \$17.95, extra magazines only \$3.95. An unbelievably low price for a genuine, original automatic. A bargain if there was one!

SMITH & WESSON .38 SPECIALS!

Cal. .38 Special



ONLY
\$39.95!

The ultimate in popular revolvers at a one-half price. Genuine Smith & Wesson Military & Police Revolvers converted to the .38 Special Caliber (will also interchange with the popular, and more reasonable .38 S&W caliber) by the famous London firm of Cogswell & Harrison. Completely refinished and custom factory blued. Checkered walnut grips. 3 1/2 inch barrel with racy, commercial ramp front sight. Order yours now while the supply lasts—this model may never be available again. Order now.

ENFIELD COMMANDO REVOLVERS!

Cal. .38 S&W



ONLY
\$14.95!

The handgun bargain of all time. Genuine, ordnance-built, time-tested, Enfield Commando Revolvers. Carried in World War II by the illustrious battle-worn Commandos. Hinged frame type action. Fixed sights. A good dependable, yet inexpensive defensive weapon. All in NRA GOOD condition. Some hand selected in NRA VERY GOOD or better condition only \$3.00 more. Chambered for the popular, standard .38 S&W cal.

AMMUNITION SPECIALS!!!

Minimum order (except Soft Point) 100 rounds. All prices below (except Soft Point) per 100 rounds. Shipped RR. Express. Shipping Charges Collect.

FINE ISSUE PISTOL CARTRIDGES

7.62 Tokarev (Pistol) (M.C.)	\$5.00
7.63 Mauser (Pistol) (M.C.)	\$5.00
7.65 Mannlicher Pistol (M.C.)	\$4.00
9MM Luger (M.C.) (Boxer-Non-Cor.)	\$4.00
9MM Steyr Pistol (M.C.)	\$4.00
9 MM Browning Long (M.C.)	\$6.00

FINE ISSUE MILITARY RIFLE CARTRIDGES

6.5 Dutch (M.C.) (with one free clip)	\$5.00
6.5 Mannlicher (M.C.)	\$5.00
7MM Mauser (M.C.)	\$5.00
7.35 Italian In Clips (M.C.)	\$5.00

7.62 NATO (M.C.) (.308 Win.) Non-Cor.	\$12.00
7.62x39 Russian Short (20 rds.)	\$ 4.95
7.62MM Russian (M.C.)	\$ 6.00
7.65MM (.30) Mauser (M.C.)	\$ 6.00
30-06 Blanks	\$ 4.00
30-40 Krag (M.C.)	\$ 5.00
.303 British Military (M.C.)	\$ 6.00
8MM German Mauser Issue	\$ 4.00
8x56 R Mannlicher	\$ 4.00
.50 Cal. Ball (case 150 rds.)	\$25.00
20MM Lahti A.P. (10 rds.)	\$ 9.95

SOFT POINT SPORTING CARTRIDGES

6.5 Italian Soft Point (20 rds.)	\$3.50
6.5 Swedish Soft Point (40 rds.)	\$6.00
7MM Mauser Soft Point (20 rds.)	\$3.50
7.35 Italian Soft Point (20 rds.)	\$3.50
7.5 Swiss Soft Point (20 rds.)	\$5.00
7.62 Russian Soft Point (30 rds.)	\$4.50
7.65 Mauser Soft Point (20 rds.)	\$3.50
30-40 Krag soft point (20 rds.)	\$3.50
.308 Win. Soft Point (20 rds.)	\$3.50
.303 British Soft Point (30 rds.)	\$4.50
8MM Mauser Soft Point (40 rds.)	\$6.00
8x50R Mannlicher (20 rds.)	\$4.50

SPECIAL! IN STOCK! The new INTERARMCO-NEW F.N. produced soft point ammunition at a low \$3.90 per 20 rounds. The hunting ammunition price barrier broken at last!

NEW production—150 grain expanding bullet—non-corrosive, non-mercuric boxer primed—extra strength case shoulder annealing.

Special KATANGA KOPPER for EXTRA long use.
Cal. .30-06 150 Gr. . . . \$3.90—box of 20
Cal. .303 British . . . 150 Gr. . . \$3.90—box of 20

MEMBER OF THE
Interarmco
GROUP
"WORLD LEADER IN ARMAMENTS"

HUNTERS LODGE

DEPT. G-2
200 S. UNION ST.,
ALEXANDRIA 13, VA.



Pull!

BY DICK MILLER

MASON CITY, IOWA, is famed as the locale for the great "Music Man" epic. In the skeet shooting world, Mason City is the home of a family that made beautiful music with skeet guns not so many years ago.

Some of the chill of a spring visit to Iowa that coincided with some of the coldest weather of the year was removed for me by a warm visit with Dudley Decker at his sporting goods outlet.

The Decker family ground up a lot of skeet targets before they racked their guns when Dudley Decker was grounded by ticker trouble. Five members of the family carried 90 per cent plus averages over several years, and Mrs. Decker owned the Corn State's Ladies trophies for about 14 years in succession. The entire Decker wrecking squad consisted of Dudley, wife Katherine, brother Emerson and wife Georgia, plus Decker's sister Dorothy. Both brothers won state titles, to prevent wife and sister-in-law from grabbing all the trophies.

Another swing through the Nation's midlands was brightened by a tour of the Simmons operations in Kansas City, well-known to all of us who fire away at skeet and trap targets. Ernie Simmons Jr. reported that League shooting was thriving in the area, and the shooting picture looked good for all of 1964.

One of the real benefits that mean much to every fan of the clay target sports is that no matter where your travels take you, you are never far from someone who shares the love for smacking clays, and who is more than willing to post-mortem a few broken (or untouched) targets. Harold Workman and the writer broke several straights at lunch during a visit to his Topeka diggings. Harold is one of the trap stalwarts in the Topeka area, and keeps a lot of fellow shooters in good supply for the makings.

Dr. John W. Conover III, of Absecon, New Jersey, had his (shooting) scalpel tuned to a fine edge, when he cut down a field of 90 hopefuls to win the Atlantic City Gun Club's H. T. Bullock Testimonial Trapshoot. Dr. Conover edged Charles Hill of Merchantville by two targets on his way to the trophy. Karl Fuchs from Atco edged Dan Sorrentino by a single target in the doubles race.

The shooting game bows to no other in the matter of producing unusual and colorful situations. Pennsylvanian Phil Johnston donated a trophy to his Huntington Valley Gun

Club, then promptly broke 50 straight to win his own trophy. True to the games' traditions, Johnston refused to accept the trophy, which was duly awarded second-place winner Charles Schenkel. Schenkel went on to prove that he had not "backed into" the trophy, by winning the doubles event in the same program, for a clean sweep of the day's trophies.

Pennsylvania's Women's Club Mid-Winter Handicap League (trapshooting) has selected an all-league team. The Five ladies, all fine shots, are Mrs. Bruce Ambler, Mrs. K. C. Meinken, Mrs. W. E. Worthington, Mrs. Rhoda Wolf, and Mrs. W. W. Remmey.

When this column noted that the Quaker City Gun Club had held a George Washington birthday trapshoot, we wondered if contestants in this event kept their own scores, in keeping with Mr. Washington's penchant for honesty. We still don't know, but do know that Archie DiPaolo was top gun. Our news item did not describe the trophy, but it surely must have been a cherry tree, or at least a supply of silver dollars.

The latest Upper Perkiomen Sportsman's Club monthly trapshoot (as this is written) was won by William Hunsberger, who dropped just two targets over the 100 bird test. Mrs. Mary Christopher, at 95, was high lady in the same event.

Ye editor recently noted an item in "Skeet Shooting Review," calling attention to a claim by the Ludlow Fish & Game Club, Ludlow, Massachusetts, for five members with a record for most registered targets recorded in 1963. The Ludlow club can field a squad with total experience of 38,558 targets for 1963. The squad, and their targets: Edward Docherty, 9,133; George Docherty, Jr., 9,125; Joseph F. Sullivan, 7,475; Floyd E. Scott, 7,150, and George Page, 5,775. It may be that another club can field a squad with more registered targets, but I doubt it. In any case, from personal observation, this column can attest that the Ludlow Club is the most active in our experience. As mentioned in these pages earlier, the U. S. mails with their "rain, snow, and all kinds of weather" slogan has nothing on the hardy gunners, both male and female at Ludlow. Readers might gain a cooling sensation during this month by reading that I have seen shoots in progress at Ludlow when snow was falling so hard that it took better eyes than mine to separate targets from snowflakes of almost equal size.

This column has on several occasions

singled out some unusual program of worthwhile innovation by a gun club that we feel has been for the good of the game. This month's PULL! column praises, if rather late, Bob and Dorothy Davidson of the Long Beach-Dominguez Gun Club, Long Beach, California, for their annual "Appreciation Day" trap event, held just before Christmas. As reported in "Trap & Field", Bob and Dorothy threw 100 free handicap targets on December 15, with attractive trophies yet! Fellow shooters, can you think of a better way to say "Merry Christmas" and to show appreciation for a year's support! In your editor's humble opinion, gun clubs all across this land could well emulate the Long-Beach Dominguez example. This is club public relations at its best.

Last month's column drew attention to some of mid-summer's state trapshooting tournaments. This month we turn the spotlight on skeet's state championship for July. Ent Rod & Gun Club, Ent AFB., Colorado Springs, Colorado, hosts the Colorado State and Open Championships (4 guns, 100 targets each) on July 11-12. Louisiana will return its champions from a 6 gun, 100 target each event at South Louisiana Gun Club, New Orleans, on July 17-19. Connecticut champs will be decided at Remington Gun Club, Lordship, on July 18-19. The 12 gauge race is 100 targets with 20, 28, and .410 races of the 50 bird variety.

Far off in another state on the same dates, Hawaii will use 250 targets and a 4 gun race to return its winners at Honolulu Skeet Club. River Bend Gun Club, in the Peach state, will host the Georgia state at Atlanta over a four gun, 100 target course, on July 25-26.

Observers of the clay target sports who are not shooters, and especially some of the information media men with whom I have had the pleasure of working, have always marveled at the very high level of sportsmanship exhibited by shooters in both the clay target games. These men have marveled at the honesty shown by contestants even when much was riding on the scoring of perhaps a single target, and could scarcely believe that so little supervision could be used beyond the personal honesty of the shooter.

All this comment concerning the sportsmanship of clay target gunners is prompted by an item revealing that Ed Willmerding, who was reported in these pages as having set a new world's record in skeet, has written the National Skeet Shooting Association asking that his record be stricken from the books. Willmerding, of St. Louis, Missouri, noted that his scores were not posted in the proper sequence to be considered in the long-run, or aggregate category, and since they were not in compliance with existing rules, asked that they be thrown out. Even though they were not recorded in the proper sequence to set an amazing world record, Ed's scores represented some of the greatest target smashing of all time, and since he is a relatively new shooter, this column predicts that he may yet set a new world mark. This time you can be sure that it will be all legal and binding. After all, Ed broke the targets, but he just didn't put the right days together. We predict that he will, and hope that this column may be the first to report that nice guys always win.



THE FRONTIER GUNSHOP

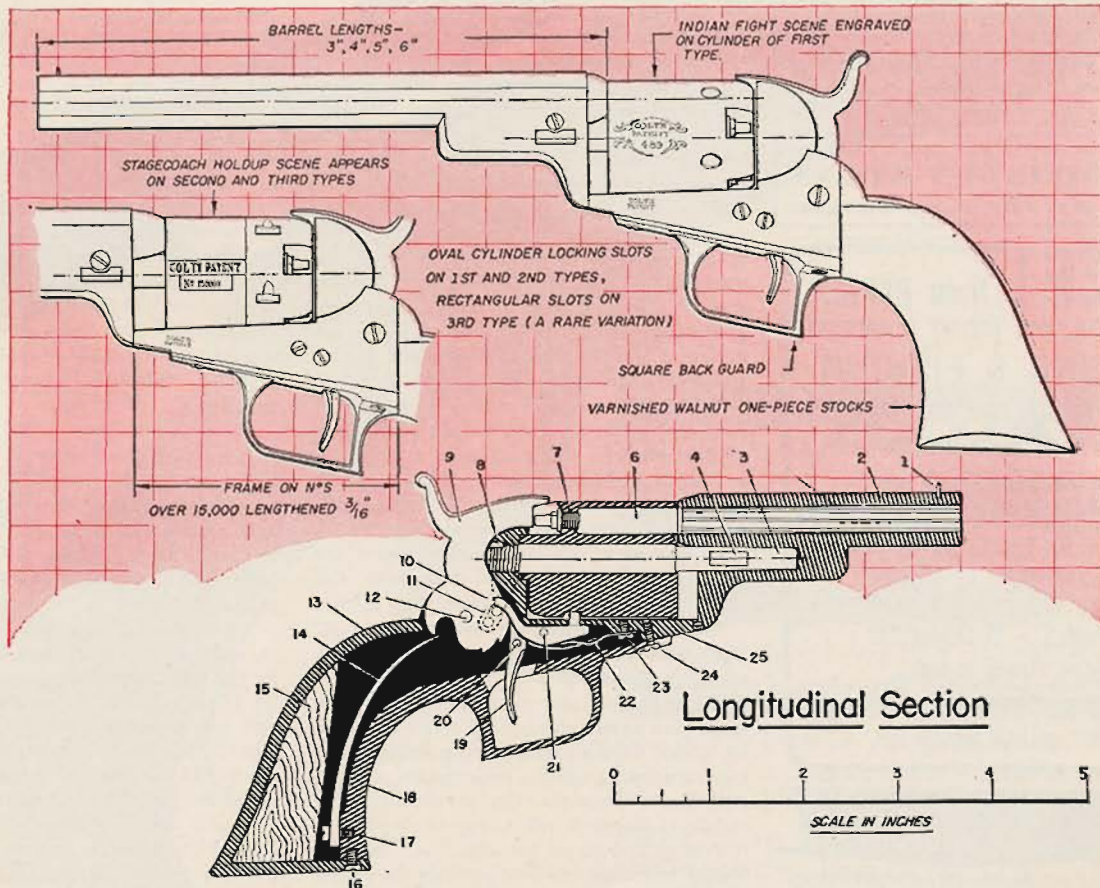
BY JAMES M. TRIGGS

PIONEER AMERICAN HANDGUNS:

EVOLVED FROM the Dragoon pistol design, first manufactured by Samuel Colt in Hartford, Connecticut, the first Hartford pocket revolver was the Model 1848 "Baby Dragoon," in .31 caliber. One of the most notable points about this arm, which distinguishes it from later Colt pocket revolvers, is the square back trigger guard. As with other Colt models, the "Baby Dragoon" was manufactured in a number of variations; the more significant of these are detailed in the drawings. Later models of the "Baby Dragoon" were made with a permanently attached loading lever and these improvements to the Model 1848 led to the production of the Model 1849 pocket revolver which was produced in great quantities for many years. Design of the interior mechanism of later Colt percussion revolvers follows almost exactly that of the Model 1848 pocket revolvers.

Disassembly of the "Baby Dragoon" is accomplished as follows: Loosen wedge screw (5) on left side of barrel (2). Drive wedge (4) loose and pull barrel (2) forward off cylinder arbor (3) and frame (25). Remove backstrap screws (25) and butt screw (16) and remove backstrap (13) with grips (15) from frame. Remove mainspring screw (17) and mainspring (14). Remove rear trigger guard screws (27) and front trigger guard screw (24) and drop trigger guard (18) off frame. Remove cylinder stop and trigger spring screw (23) and spring (22). Remove cylinder stop screw (21) and cylinder stop (10). Remove trigger screw (20) and trigger (19). Remove hammer screw (12) and draw hammer (9) with hand and hand spring (11) out of frame. Cylinder (6) is drawn off cylinder arbor (3) to front. Removal of cylinder arbor from frame is not recommended. Reassemble in reverse order.

Colt Model 1848 "Baby Dragoon"



PARTS LIST

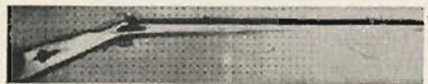
- | | | | | |
|-------------------|----------------------------|----------------------|--|---|
| 1. Front sight | 7. Nipples | 13. Backstrap | 19. Trigger | 24. Trigger guard screw, front |
| 2. Barrel | 8. Cylinder arbor lock pin | 14. Mainspring | 20. Trigger screw | 25. Frame |
| 3. Cylinder arbor | 9. Hammer | 15. Grips | 21. Cylinder stop screw | 26. Backstrap screws (2) (not shown) |
| 4. Wedge | 10. Cylinder stop | 16. Butt screw | 22. Cylinder stop and trigger spring | 27. Rear trigger guard screws (2) (not shown) |
| 5. Wedge screw | 11. Hand & hand spring | 17. Mainspring screw | 23. Cylinder Stop and trigger spring screw | |
| 6. Cylinder | 12. Hammer screw | 18. Trigger guard | | |

TONS OF
**ANTIQUE
GUN PARTS**

All reproduction muzzle loading guns for sale.

For Example

THE NEW DIXIE SQUIRREL RIFLE



This gun, to the best of our knowledge, cannot be duplicated by any reputable gunsmith for any figure approaching our price.....\$99.50 Our PERCUSSION RIFLE KIT contains all parts needed to assemble a brand-new DIXIE "Kentucky"-type muzzle-loading rifle, you'll be proud to own—and shoot! The NEW DIXIE RIFLE can be assembled and finished from these parts at a considerable saving. Special discount price on a complete kit. \$59.95

ROUND BALL BULLET MOLD



\$3.95

We can furnish ROUND BALL bullet molds in calibers up to .91. Specify caliber desired when ordering.

CATALOG NO. 113—50¢ POSTPAID

For over a decade, DIXIE's catalog has helped thousands of sportsmen to discover the great personal satisfaction and enjoyment that comes from muzzle loading gun shooting—the "Gentleman's Sport".

Your Money's Worth or Your Money Back
DIXIE GUN WORKS
Union City 2, Tennessee

FREE! from PARKER
THE WORLD'S MOST WANTED
HUNTING & FISHING
CATALOGS

OVER 10,000,000
NOW IN CIRCULATION

WORLD'S FINEST HUNTING & FISHING EQUIPMENT AT LOW WHOLESALE PRICES • '64 MODELS BRAND NAMES • GUARANTEED

Specify Hunting, Fishing or Both

PARKER DISTRIBUTORS (G-74)
1 PENN PLACE, PELHAM MANOR, N.Y.

Your trophies go with you wherever
you hunt with **STUDS**

Ideal gift. Records kill for proud hunter.
Beautifully embossed.

Caribou	Elk	Turkey	Mule Deer
Cougar	Deer	Coyote	Brown Bear
	Bear	Skunk	Grizzly Bear
Moose	Javalina	Mountain Sheep	
Wolf	Antelope	Mountain Goat	
		Black T. Deer	

GOLD \$3 ea.,
sterling \$1.25
ea. inc. tax.
at stores or order
direct. No. c.o.d.'s.

R. J. COFFEY
Dept. 2 — 1206 N. Main Ave.
San Antonio, Texas



TRY 'OWLING' FOR GOBBLERS

(Continued from page 33)

that his grocery store in Malvern is used by the Arkansas Game and Fish Commission as a turkey kill check station.

Opal picked Joe and me up at our motel at 3:30 the next morning, and Hewell met us for breakfast at an all-night restaurant just north of town. As the one cafe open at that hour this one proved to be headquarters for turkey hunters.

After breakfast, Opal drove east out of town while I looked at the countryside in the pre-dawn light. It is rolling terrain, a mixture of pine-hardwood forests, and vast blocks of land are owned by timber companies, and most of it is open to public hunting.

Ten miles out, after several twists and turns, Opal eased to a stop on a gravel road called the "Nix Trail." "Don't slam the door," he cautioned, then added, "Leave the gun. We'll listen a minute."

The sounds of the forest coming alive floated in as we stood on the shoulder of the road—the clipped voice of a cardinal, the harsh rasp of a thrasher, and far in the distance the crow of a rooster that told us we hadn't completely left civilization.

With startling suddenness the booming hoot of a barred owl rocked the stillness. I spun around in surprise to see that the eerie call was coming from Opal. He was standing with his weight firmly planted on both feet, hands clasped loosely across his stomach, head thrown back.

When the last, drawn-out note of the resonant call ceased to echo across the hills, Opal continued to stand at attention, straining to hear some answer from the forests. I just continued to stand and stare at Opal, for never have I heard as perfect an imitation of a bird call as that which peeled from this man's lips.

But then we were hunting turkeys—not owls, and I was about to remind my partner of this when he lifted his head still higher and let fly once more. I watched and listened in fascination, then got another jolt—a welcome one—when a turkey gobbler answered. Opal looked at me and nodded, gave the far-reaching hoot of an owl once more, and immediately got another answering gobble.

"Sounds like he's about three ridges over," Opal headed back to the car. "Get your gun and let's get closer."

We collected our guns, eased the auto doors shut again, and headed into the woods. I followed Opal's ground-eating stride, heeding his warning against unnecessary noise or talk. He led down the ridge we were on for a couple of hundred yards, angled down into the valley and up on the next rise. There he hooted again, got his bearing from the return gobble, and plunged off into the next valley.

"This is close enough, I think," Opal leaned close to whisper. "That gobble should be on the ridge we're on and not far away. Git yourself settled facing south. I'll call from about thirty feet back of you. Just don't move till you're ready t'shoot."

I settled into a comfortable shooting position, seated with my back against a stump, knees drawn up with shotgun resting over them. The unbelievable mimicry of the owl boomed forth at my rear, and this time the

answering gobble was so close it seemed to fill the woods. Opal waited a full five minutes—it seemed like an hour—before touching his cedar stick to slate. The soft, plaintive notes of the hen turkey floated out, and before they had died out the male we were after gobbled once—twice—three times in rapid succession. He was coming on the run, since each sound was closer than the last.

Blump!

The unmistakable sound of a truck door slamming broke the spell. For five or ten minutes I had been hearing the sound of a pickup growling up and down hill over to the west, and it was from that direction that the door-slam came.

Following that jarring crash came another sound. I later decided it most closely resembled a cow with asthma, but it was really a hunter trying to hoot like an owl. We sat another ten minutes, and Opal hit his slate another time or two, but it was hopeless.

"That character," Opal shook his head in a mixture of wonder and disgust as we walked back to his car. "He must think a turkey is as stupid as he is. I heard him driving in over that old logging road, and was afraid that would happen. Now he'll go back to wherever he came from and say the turkeys weren't gobblin' this morning. Fact is, he couldn't get one t'gobble in a farmyard."

"Well," I rationalized to hide my disappointment, he's a good friend of the turkey population."

"You bet he is! The more hunters are in the woods the safer a gobbler is. Especially hunters like that one."

We tried a couple of other spots before heading back to town, but the morning gobbling period was over, especially since the wind had risen considerably.

"What th'hell is this owl business?" I asked as we drove back in. "You scared the devil outta me back there."

"Owling?" Opal grinned. "That's just the best way t'locate a gobbler. He'll gobble at a good hoot just about every time. After ya know about where he is you can get into position t'start calling. Just about all the turkey hunters around here owl—if they can, that is."

Short and slight of build, Opal has been an enforcement agent and predator trapper for the Arkansas Game and Fish Commission for 18 years. He's 64 years of age, killed his first gobble way back in 1914, and runs Hewell Selph a close second in the total number of the bearded gents he's potted. He is, in short, a helluva good turkey hunter.

Hewell and Joe were still out when we arrived at Hewell's grocery store, which is where a goodly share of the turkey hunters gather to autopsy the morning hunt, but they drove in half an hour later. Their faces told their tale before they got out of the car, and it wasn't one of success.

"We had him coming," Hewell reported, "but he just quit. I'm sure he had a hen with him already, and you know that 'bird in the hand' business."

"Oh, I forgot t'tell you," Mrs. Selph broke in from her store-tending duties. "Jimmy Kriigel killed a big gobble early and went

(Continued on page 40)

Save \$20 on this new American made Marlin 3X-9X Variable power scope ... only \$79⁹⁵

This great new Marlin 3X-9X Micro-Power Variable is a lightweight, compact modern scope made entirely in the United States. It sells for \$20 less than any comparable scope and is guaranteed for life. And you get a Marlin QD mount free (\$10 value) when you buy a Marlin high power rifle and scope together. A total saving of \$30!

Power is changed instantly and crosshairs do not change size throughout the power range. Crosshairs are permanently centered throughout entire adjustment range. All the new Marlin Micro-Power scopes have aircraft aluminum 1" tubes that fit all popular makes of rifles and mounts; hard anodized finish that's deep black and "unscratchable." Precision ground, hard-coated lens systems assure a flat image right to the edges of the wide field of view. Exclusive fast-focusing eyepiece for individual focus to your eye. Precise adjustments for sighting in. Nitrogen filled and hermetically sealed to prevent fogging.

A new Marlin scope will help you sight better—shoot better. See them at your gun store today.



New Marlin Micro-Power 3X-9X variable power scope and Marlin QD mount shown on specially engraved Marlin Model 336 Carbine.



New Marlin Micro-Power 6X scope \$59.95



New Marlin Micro-Power 4X scope \$49.95



New Marlin Micro-Power 2 1/2 X scope \$39.95



New Marlin Micro-Vue 4X .22 scope \$14.95
(only \$10 when purchased with any Marlin .22 rifle)

FREE... new Marlin catalog | Marlin Firearms Co., Dept. 38-7
New Haven, Conn., U.S.A.


Send me the free new colorfully-illustrated Marlin catalog that describes and illustrates all Marlin .22's, high power rifles, shotguns and scopes. Bonus: Copy of famous Bill of Rights—on parchment for framing—free with catalog.

Name _____

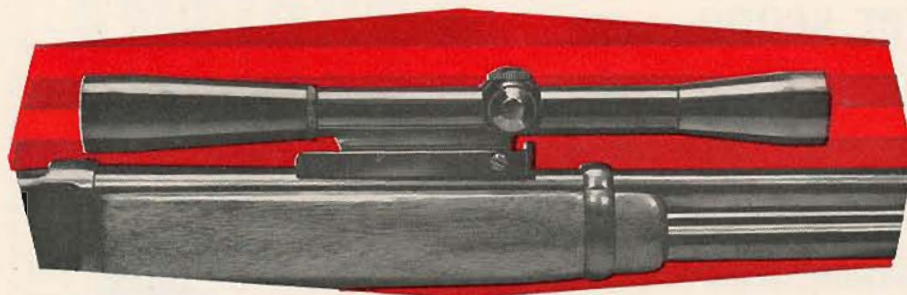
Address _____

City _____ Zone _____ State _____

New-Marlin stainless double-edge blades—5 for 59¢

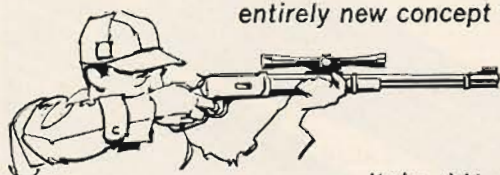
Marlin  ... symbol of accuracy (JM) since 1870

New and Exciting by REDFIELD!



The M-294 for the Winchester Model 94

The World's Fastest Scope . . . daringly different . . . an entirely new concept in scopes!



Scope removes easily from base, on which a leaf-type middle sight, with fine elevation adjustment zero's with factory front sight.

The rear of the eyepiece is forward of the receiver, providing a 6" to 10" extended eye relief for a perfect sight picture and allowing for straight-up cartridge ejection. FAST? . . . You bet!

You're right on target because you look around and through the slim, trim tube. Only \$49.50 complete for 2X scope, integral mount and a special limited-depth drill and screws to assure perfect mounting.*

*The Winchester-Western Division, Olin, has reviewed the safety aspects of the above method of drilling and mounting, and has indicated there should be no safety problem provided our mounting instructions are followed exactly. (For .30-30 and .32 SPL calibers only.)

Write for complete information or see your dealer or gunsmith.



REDFIELD GUN SIGHT CO.

1325 South Clarkson, Denver, Colorado 80210



(Continued from page 38)

on to school. It weighed over 21 pounds."

After school Jimmy brought the big gobbler out for us to see and photograph, and the 16 year old boy had made his first gobbler a good one. The bird weighed 21¼ pounds, had an 11 inch beard.

"I'm thinking my jinx is still with me," Joe Linduska said at dinner that night. "I've hunted turkeys in two of the best turkey states—Alabama and Pennsylvania, with some of the best turkey hunters, and have yet t'get a shot."

"Not you, too!" I reached for another biscuit. "I've done the same thing in Louisiana and Florida for ten years. Brother, with two strings like that going on this one hunt I'm afraid we're overloading Hewell and Opal."

"Well, you never can tell what'll happen," Opal broke in. "I was owling last year when a big owl swooped down and took my buddy's cap off."

When the alarm clock woke me the next morning I was fighting off a big owl, and the interruption was welcome since I was losing the fight.

"Not a very good morning," Opal headed the car out in the same direction we'd taken the day before. "This thunderstorm that kept us from hunting yesterday afternoon has hung around. Wind is pretty strong and it's cloudy. Wish you could stay longer."

"So do I, but this is it for Joe and for me. And, like you said last night, you can't tell what'll happen on a turkey hunt."

Opal "owled" at three spots without suc-

cess in the form of an answering gobbler, and it looked as if the weather had us stymied. We made one more stop at an intersection where two logging roads crossed. Opal stood in the middle of the crossing and tossed his booming hoot's into the face of the rising wind . . . and a gobbler came back.

"Let's ride," Opal didn't hesitate as he dove back into the car. "I can drive closer and we don't have much time. I know where that gobbler is."

We drove a quarter of a mile farther up the road, and I followed on Opal's heels as he piled out and started up the steep hillside. As we topped out he halted me with up-raised hand and asked, "Can you shoot lyin' down?"



This gobbler made the mistake of responding to the "owling."

Most of the Malvern-area turkey hunters operate from a prone position when a gobbler is close. They insist, correctly so, that you just have less body showing to spook the bird, and require less movement to bring the gun into play. They want the turkey close, since his head is their target for a heavy load of 7½ shot.

Opal hit the slate with his magic touch and the explosive gobbler came back. It was so close it probably would have rattled the leaves on the trees had the wind not already have taken care of that. Opal called again, hurrying his calls in the face of the approaching storm, and the gobbler responded again . . . closer . . . and again, still closer.

"Ten years," I thought, straining my eyes over the barrel to see the first snake-like movement of a turkey head coming through the underbrush. "Don't miss him."

I heard Opal switch from his slate call to the one he uses when the turkey is close. It's just a piece of rubber balloon which he presses against his lips with two fingers and sucks through. It's close-ranged, soft, and requires no movement. It's deadly.

I could hardly hear the soft call above the wind, which had now risen to storm proportions, but the gobbler could. His arrogant call sent shivers down my spine. He was within gun range but I couldn't see him, and then the rains came.

The gobbler answered three more times, but they were simply stairsteps as he went off the ridge, crossed the ridge road, and continued into the valley. "He wanted t'be somewhere else during the storm," was the way Opal put it.

A knot of hunters gathered under the overhanging eave of Selph's grocery, out of the rain, told of success for some hunter. In the midst of the group Webster Cotten held sway, holding the huge gobbler he'd killed at daybreak.

Webster's call was one I'd never seen before. It was simply a piece of plastic tubing, which he used by sucking through it while forming a sounding box around the lower end with his hands. The tubing? He got two pieces from aerosol spray cans and joined them together. The effect? In his hands, excellent!

"I guess it is good," Joe said. "Webster picked this bird from three gobblers which flew down from roost and landed near him."

Joe's hunt had been a repeat of the preceding day, except that this time another hunter had spooked the gobbler for them.

"Our double jinx is still as good as new." I shook hands with Joe as we were leaving Malvern that afternoon, he for Maryland and me for Louisiana. "Opal, I know that Arkansas is one of the coming turkey states and that y'all kill almost a thousand gobblers a year, but you and Hewell needn't feel badly about being unable to put Joe or me on a bird. You'd have t'have turkeys as thick as mallards at Stuttgart to break through the greegree hex that hangs over us." Joe grinned. "Owling is a new word in my vocabulary. From now on when I hear a 'hoot' I'll think of turkeys instead of owls."

And so will I. Come spring, I hope to be back on a ridge in the Ouachitas as Opal plants himself firmly, throws his head back, and lets fly.



HANDLOADING BENCH

(Continued from page 12)

full length sizing for perfect functioning, or even a "tight" sizer. Some guns have a springy bolt, plus sloppy chambers and headspace, to permit only one or two reloads. Some take over 20, depending on the gun, caliber, loads, and cases.

Factory ammo goofs, generally in the case, are so rare many chaps never detect one. We fired a .30-06 without a flash hole. It drove in the chamber, collapsing the shoulder, indicating the primer's power, an unvented .30 Carbine wasn't damaged, as it headspaces on the length. Of course the charges didn't ignite. Soft heads and excessive headspace (below the danger point) may turn up. Large rims won't enter a shell holder.

"Dud" primers are rare. A live one misfired in a .30-06 factory load due to a deep pocket. Some handgun loads, especially .357 Magnums, have soft primers that flow in the firing pin hole. You can shear off the extrusion by turning the cylinder with both hands. Some have hard primers that misfire in guns with a light mainspring, or that have been tuned up.

Hard chambering of reloads may be due to a dirty gun. Greased or oily cases or chambers contribute to wild shots or case head separations. Degrease loads and chambers fully. Wipe oiled bores with a dry patch and fowl with two rounds before shooting for groups or game.

Use good case lube. "Dry" graphite types in powder or evaporating solutions stay in brass pores. Don't use them. Excessive lube causes shoulder oil dents. Hulls stretch, stick in a die or pull apart with poor lube, or too little. Dry expanders stretch case shoulders or necks to goof headspace or length. An RCBS Case Neck Brush lightly lubes case necks far better than twisting a case mouth on your lubed finger.

A case is simply a chamber liner to seal the breech with fixed ammunition perfectly. Ammo factories feel they serve the purpose if they fire once with a perfect gas seal. You get terrific fringe benefits in reloading shells formed to your chamber with proved brass for better accuracy. Most brass defects appear on the first firing and are easily detected by inspection. Fired hulls in the same lot number, trimmed and reamed for safety and accuracy are superior to new ones. Treasure your lot of brass for your rifle!

Speer's new No. 6 Manual at \$2.95 is superior to any older edition, or any \$10 book. Authentic new info proved by the great Speer lab solves most problems and questions on reloading for a novice or expert. With boiled down, double distilled facts, it's as important as your loading tool. You also get hundreds more than a thousand recommended loads that cost a fortune to test in Speer's lab.

Factories use care to make cases of just the right hardness near the head, and just the right softness near the neck. Brass hardens by cold working in manufacture, or resizing. It breaks or lacks ductility if overworked, so it can't take the shock of firing or expand to fill a chamber. Annealing softens it, but too much heat ruins it. "Dead" brass blows a primer, mashes the head against the bolt, or locks the bolt. Working and annealing are critical operations.

New! Exclusive by REDFIELD!

(Pat. applied for)



*These prices with choice of Heavy, Medium or Fine Crosshairs, or at \$9 Extra, Post with Crosshair or Dot.

Two Accu-Range Variable Scopes

Built-in range indicator, by direct reading, tells you the approximate distance to your target... while looking through the scope!

NOW Just fit the DEER  Between the lines

And read the Range!

Accu-Range will NOT interfere with a hunter's ability to shoot fast, because your basic reticle is always there, free and ready to use.

For an exciting demonstration see your dealer or gunsmith or write direct for information.



REDFIELD GUN SIGHT CO.

1325 South Clarkson, Denver, Colorado 80210



Mossberg RIFLES
for accuracy



FEATURE
AC-KRO-GRUV
PRECISION RIFLING

For free catalog, write Department A,
O. F. Mossberg & Sons, Inc., North Haven, Conn.

Most gun for the money!

New DEM-BART Checkering Tool.

Engineered to satisfy exacting demands of precision craftsmen. Cuts shallow, deep, straight, around corners, parallel lines or cross-hatching, with or against grain. No back-tracking! Steel cutter blades in 6 styles, 8 sizes are machine-cut steel, hardened, heat treated. .001 of an inch tolerance.

DEM-BART, 3333 N. Govo St., Tacoma, Washington

FOR THE HAND LOADER

Quality Shot

THAT IS:

- Graded—Better
- Polished—Better

Meets or surpasses all association specifications.

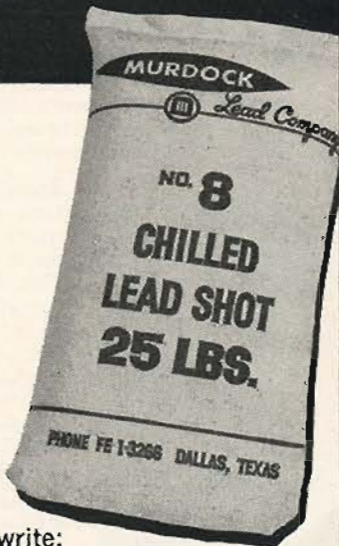
The Murdock shot will produce a better pattern. It is made hard enough by the addition of tin to the alloy which tends to eliminate lead muzzle deposit.

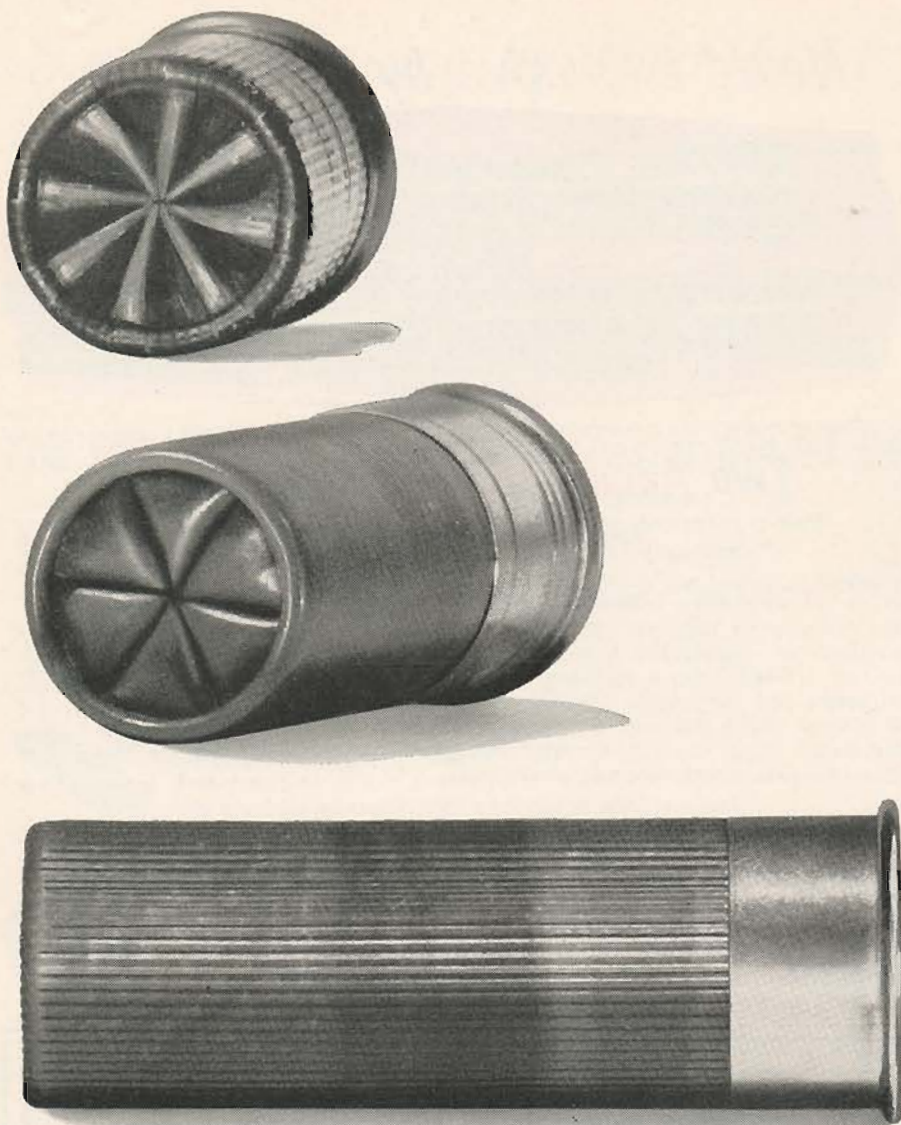
For the name of your nearest distributor write:



MURDOCK LEAD COMPANY

P. O. Box 5298
Dallas, Texas





Ever see reloads like this?

They're plastic. From brass base to crimp, they're perfect. They were reloaded in less than 6 seconds. And reloaded on the revolutionary new MEC Super 600. But take a closer look at the photos. Look at the crimps, for instance. If crimps could possibly be called "pretty", these are positively beautiful. Perfect 6 and 8 pointers, and with perfect radii. The tell-tale flare at the crimped ends that makes feeding thru pumps and automatics difficult is almost conspicuous by its absence. And where's the bulge at the brass. That's gone, too. The Super 600 returns them to original shape quickly...easily...without additional operations.

But about this new tool. It's a progressive reloader that'll turn out 400-600 plastics per hour...better than 600 paper hulls per. Each stroke of the press handle performs up to 12 operations on 6 individual shells simultaneously. This includes automatic primer feed and automatic charging of powder and shot. It also features such exclusives as MEC's flip-type powder and shot measure, a special resize-deprime apparatus, and the completely new cam-operated two-stage crimping die (you can see the results above). The MEC Super 600 is completely foolproof. Needs no adjustments. It's ideal for the sportsman who does a lot of reloading as well as for club or group ownership. The cost? Less than you think. Only \$119.95 complete in 12, 16, 20, 28 or .410.

See it at your dealer or write for free catalog.



mec

MAYVILLE ENGINEERING COMPANY, INC.
Mayville, Wisconsin

Perfect cases have a hard head area to prevent mashing (flowing), yet are soft enough to resist firing and expand under excessive pressure. The forward part is soft enough to expand and grip the chamber for a perfect gas seal, yet hard enough to spring back a bit for easy extraction. Each firing and resizing changes brass structure a little or a lot, depending on the amount of sizing, tensile strength, breech pressure, and other factors.

Cases rupture if the elastic limit is exceeded in sloppy chambers or fire-forming wildcats. Excessive die forming overworks (compresses) brass until it breaks. Firing strains brass, especially if loads have higher pressures than intended for a particular caliber. Strains are greatly increased the first firing if a minimum case is fired in a maximum chamber, or reduced if the reverse.

"Cartridge grade" brass is 70:30 copper-zinc. If rolled sheets pass specs they are blanked and cupped. Cups go through dozens of critical operations and inspections for various anneals, drawings, brightenings, washings, bumpings, and trimmings. Then pocketing, pocket sizing, venting, headstamping, head turning, necking, final neck anneal, trimming, polishing and inspections. If samples fail a final test the entire lot is scrapped.

Maximum case life is obtained with a good lot fired in a precision chamber with a minimum headspace, neck reamed and trimmed as necessary and near minimum sized. It's better to load down a bit in large cases than flat out in smaller ones. For example, a mild load is more sensible and efficient in a .300 Winchester than a hot one in a .30-06. Adding powder to a near full charge is an idiot method to improve ballistics.

Factory machines do critical primer seating better than most handloaders. All are seated below the case head face. Seat W-W .008 low, and R-P .003 low in normal depth pockets.

CCI primers, designed for our reloading tools, are not critical if they fully contact the pocket bottom in deep or shallow pockets. This helps correct sloppy priming, which is common. Slight extra pressure is desirable, as CCI compounds don't crumble easily. In our tests we obtained perfect ignition by seating .001 to .009 low. Some cases have rounded pocket bottoms to seat primers on the anvil, and some square bottoms for seating some brands on the cup. CCI primers work perfectly in either type pocket and all makes of cases.

Brass gets brittle with age, especially if overworked. Season cracks (neck splits) used to appear in some factory loads after months or years of storage. It's rare today, with softer necks, but may occur in reloads overworked by numerous firings. For important hunts size cases more than minimum, no more than 5 years old, fired once or twice at not more than normal pressure.

With these tips your case failures should be harmless mouth splits after a long useful life. An abused 15¢ case is your rifle's weakest component. Good ones are more than twice as valuable after being fire formed to fit your chamber. No other item costs so little that uses so much expensive material with so many carefully controlled operations, inspections and tests. How they sell for less than \$2 each is a mystery to me.



A FAST MAN WITH A SHOTGUN

(Continued from page 27)

just doesn't brag of his exploits, I do not know what they are. I do know LeMay, the outdoorsman, shotgunner, rifleman, and hunter. I might mention that I wouldn't ever want him gunning for me, whether I were a guy in uniform, a grizzly bear, or a nation aspiring

GUN DIGEST PRIZE WINNERS ANNOUNCED

The great Gun Digest Treasure Hunt Contest has come to a happy end for nearly 600 lucky participants. Their statements, on the subject of "The right to bear arms—what it means to



Ted Kindel, Vail, Colorado

me," have won for them prizes ranging from a safari in Africa to magazine subscriptions.

Space does not permit us to publish the complete list of prize winners, but here are the first five.

1. Three week safari to Uganda and Tanganyika, outfitting by Jonas Brothers; Ted Kindel, Vail, Colorado.
2. Custom stocked, engraved Winchester Model 70; John E. Villier, Groves, Texas.
3. Browning Superposed, Pointer Grade; J. Wilson McDermind, Conrad, Montana.
4. Choice of any Smith & Wesson handgun, fully engraved and gold inlaid; Charles L. Williams, Corpus Christi, Texas.
5. Marlin 336 Texan and Model 39A, both with scope and mount; Major J. E. Braddock, Tucson, Arizona.

A complete list of the winners is available to anyone who will send a large, stamped, self-addressed envelope to Gun Digest Contest, 4540 W. Madison St., Chicago, Ill. 60624.

to conquer the world. In any case, he would hang my hide on a limb.

One day, I shot with the General at the Arkansas mallard hunting grounds. Our only other companion was an Arkansas guide who

tooted the duck call. Here, I was sure the man would relax and I would be able to carry on the semblance of a two-sided conversation with him. He made a few inquiries—he is not one to ever tell you how to run the show—wanting to know how far down the pin oak pool I thought it was to a certain dead tree. When I told him, I could see the mental calculations going on—how far to lead, how high to hold over.

A mallard drake, knowing the exact range of all shotguns from Arkansas to the Athabaska Delta, traded across. The General rose from a pineboard seat in the blind, took his lead, doubled it, then held five feet high. The mallard fell, hit a dead snag, broke off a limb as big as a man's wrist. The guide, crouching in his pick-up boat behind us, bugged his eyes, and I heard him say but one word, "Gawd!"

I kept track of the man then in charge of SAC only through casual correspondence. Here is another LeMay first; when one does write him, a letter comes back almost faster than the airmail service he uses. Curt wrote that he was going to Africa with Arthur Godfrey. He just told me this, he didn't want a thing, but he said he was handloading his ammunition for this trip.

As a Winchester-Western man this gave me a slight pain. I wrote and asked him if he would take my .243 and a new .458 African rifle, try them out, and give me a report. He said he would, but he still wanted to handload his ammunition. Factory loaded ammunition is good enough for me, evidently the General had different ideas. He leaves nothing to chance. It's strange he didn't try to build his own bombers.

With typical LeMay promptness, I had a letter from him a few days after his return from Africa. Unlike many sportsmen who test our guns, the General gave me the 'straight skinny' as he saw it—not all was complimentary, either. He told of bullet performance and, yes, he shot his handloads with great success. On another occasion, when gunning in Europe, I asked him to bring back some of the foreign shotshells so we might test them in our arms. He did not forget. I think he sent some six boxes from various countries.

At our last meeting, Curt LeMay was number two man in the Air Force—now he's the Chief. I had held out a personal dim hope that he would be fired, and that this youngster would retire, anticipating many hunting trips together. Probably we will never again gauge the distance of a mallard in Arkansas, but I would like to work for LeMay.

I saw a newspaper release recently where someone asked the General if he thought he could carry on another Berlin airlift, if it became necessary. I could almost see him as he weighed the question, as he might weigh a powder charge. He said: "I think we can operate another airlift against Berlin. If we really have the will, we can do it."

And let this be a warning to the world. Curt LeMay is a good hunter, a good listener, a meticulous man. He can be as gentle as a lamb and as virulent as a cobra. I would hate to have this new Chief of the Air Force on my trail.



YOUR CLUB

can now have its own
custom-designed
**EMBROIDERED
EMBLEM**

... direct from America's
most respected manufacturer

SWISS-TEX®

Your club insignia or club colors can now be handsomely designed into a smartly styled embroidered emblem at substantial savings by ordering direct from the manufacturer!

Hundreds of other Clubs order these emblems for resale to members, to be worn on jackets, caps, sweaters, etc., and add the earnings to their club treasuries.

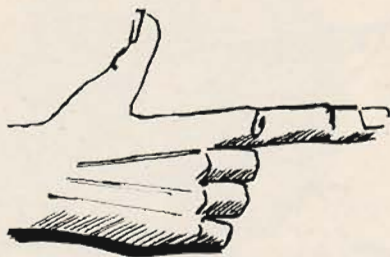


The Leonard Corporation and its SWISS-TEX custom design division have been supplying quality emblems for more than 50 years to leading organizations including the Boy and Girl Scouts, Military branches, Federal, State and Municipal governments . . . and just recently was selected to provide the emblems for the 1964 White House Shooting Match.

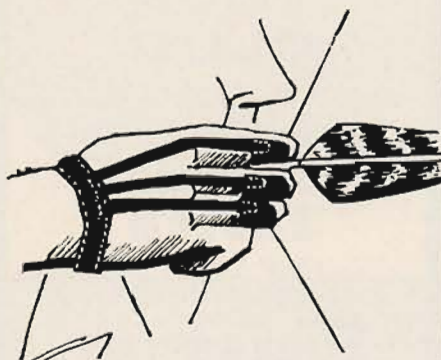
For full details on how your club can now have its own emblem, plus a free sports emblem, write today on your club stationery.

Made in U.S.A.
SWISS-TEX®
division

The Leonard Corp.
323 E. Allegheny Ave., Phila. 34, Pa.



TRIGGER FINGER OUT OF WORK?



GO BOW HUNTING!

Why limit yourself to gun season? Take up bow hunting and enjoy many more hours of your favorite sport.

The pleasure of bow hunting is more than just extra woods time. Bow hunting takes you closer to the target - gives your aim and your instincts a good test.

Try it. It'll sure take the itch out of your trigger finger!

BEN PEARSON
INCORPORATED
Dept. GM, Pine Bluff, Arkansas

Please rush free copy of the 1964 Ben Pearson catalog to address below:

NAME _____

ADDRESS _____

CITY _____ ZONE _____ STATE _____



QUESTIONS and ANSWERS

By GRAHAM BURNSIDE

Questions submitted must carry a Shooters Club of America number or must be accompanied by one dollar. Questions lacking either number or dollar will be returned. If you want a personal answer, enclose a stamped, self-addressed envelope.

Throckmorton Musket

I have a percussion smoothbore musket, with a 34 inch barrel. It seems to be about .36 caliber. The maker's name is W. A. Throck Morton, made in Marion, Ohio. I would like to know what year this musket was made, and how much it sold for when it was brand new.

Donald Olling
Riverside, California

Many, many American gunsmiths are unlisted. If we keep studying and compiling information, in time we will know more than we do now, but our knowledge will never be complete.

W. A. Throckmorton of Marion, Ohio is one of those unlisted makers. I have made a note of your piece and will file it for future use.

The percussion period was from about 1835 until about 1870. The average good grade arm was sold for about \$14-\$20.—G.B.

German Drilling

Could you furnish information on a German Drilling, 16 X 16 X 7.57R. The barrels are marked "Krupp-Laufstahl—D.D." On top of the barrel is "Jmman Meffert—Suhl," and on the rib "A. Loscher Hamm." The gun is finely engraved and in good condition.

Ivan Holbrook
Cumming, Ga.

J. Meffert was active at Suhl, Thuringia, Germany from 1922 to 1938—or in other words his commercial activity ceased when W. W. II started.

The other name on the rib is probably the man who retailed the piece.

Such a drilling, in good condition, is probably worth from \$150 to about \$200 but there is no heavy demand for them. One would have to seek out a buyer who would pay that much.—G.B.

Hapgood Rifle

I have a muzzleloading rifle, percussion type. The name on side of plate near the hammer is "J. Hapgood". Could you please tell me some history as to date made, where, by whom, and amount made?

Andee Messoro
Brooklyn, N.Y.

There was a Joab Hapgood who was a gun-

smith at Shrewsbury, Mass. during the entire percussion era. It is reported that he made all of the parts that he used in his products.

There also was a Joel Hapgood who operated a shop on Washington St. in Boston, from 1848 to 1856. He was a general gunsmith who made percussion rifles and shot-guns.

Usually, when a name appears on the lock-plate it means that man made the lock and was not the man who put the rifle together. The riflemaker's name was usually on the barrel. Often riflemakers simply did not mark their products, but I suggest you visually inspect the barrels underside and all.—G.B.

Hopkins & Allen

I would like some information on a .22 caliber rifle made by the Hopkins and Allen Arms Company, Norwich, Connecticut. The word Junior and number 922 are stamped on top of the barrel just forward of the receiver.

The finger lever, breechlock and ejector are missing from my rifle. The barrel, receiver and other parts of this rifle seem to be in good order. I would like to obtain a print of this action so I can have these parts machined. Is this possible? What happened to the Hopkins and Allen Arms Company? Is this action suitable and strong enough to be converted to the .22 Magnum?

Berry E. Brock, Jr.
Fairburn, Georgia

I have no idea where you may find parts or even diagrams of your Hopkins & Allen 922. I would suggest that you contact collectors of American single shot rifles and try to borrow a specimen of the rifle and have a gunsmith make the parts you need. The H & A Co. was bought out by Marlin-Rockwell Corp. about 1914.

My advice would be to restore the piece if you see fit. It is not practical or suitable for conversion to .22 Magnum.—G.B.

Sling or Saddle Ring

Thank you for your reply to my inquiry on the Sharps carbine. In regards to the so-called saddle ring, I'm not trying to start a controversy but in my younger days I homesteaded for nine years in Campbell Co., Wyoming. My Model '94 Winchester .25-35 carbine was equipped with a saddle ring as were most of the lever action carbines of strictly civilian calibers that my neighbors had. The popular method of slinging a rifle to the saddle was to run one of the saddle strings (by the horn, either side) through the ring and secure with a single bow knot for quick release.

No doubt the earlier small arms were designed with military contracts in mind, both

(Continued on page 46)

The continuing pressure for anti-gun legislation has resulted in an equal demand for positive pro-gun information. Responding to this demand, the publishers of GUNS Magazine and The SHOOTING INDUSTRY will publish a special, separate issue on October 15th—bearing the title THE WORLD OF GUNS. As the first complete source of pro-gun information, THE WORLD OF GUNS will accomplish a much needed educational and public relations task for the shooter and the firearms industry.

Announcing

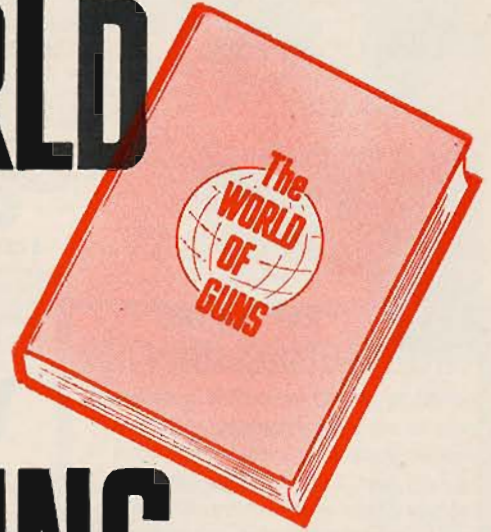
In a case bound cover and designed to take a permanent place in any library, THE WORLD OF GUNS will present the true story of firearms in a free nation.

Noted industry leaders and highly placed figures from outside will present facts and figures revealing the full profile of the shooter, his activities, and of the firearms industry.

A timely feature will be the detailed analysis of the role played—in our history and at the present time—by the shooter and the industry he supports, in the development and maintenance of our free social and economic system.

And as a special bonus, THE WORLD OF GUNS will contain a "Who's Who" of the firearms industry—the men who can be counted on in the struggle against restrictive anti-gun legislation.

The WORLD OF GUNS



The First Complete PRO-GUN Story

Don't miss this dramatic development in the struggle to preserve your right to own and enjoy firearms — Order your copy now!

THE WORLD OF GUNS will accomplish its educational and public relations task by bringing the true story of firearms before the public and our lawmakers.

Mass Distribution

Copies will go to members of "Official Washington" and to all governors. Gun clubs, manufacturers, and other groups will distribute copies locally.

Support Your Sport

Don't delay—order your copy now—at the special pre-publication price. And order extra copies for complementary distribution by your club or group.

CLIP COUPON BELOW AND MAIL TODAY!

SPECIAL PRE-PUBLICATION PRICE

GUNS Magazine/8150 N. Central Pk./Skokie, Illinois

Please enter my order for _____ hard-bound copies of THE WORLD OF GUNS, designed to take a permanent place in my library, at the special pre-publication price of \$2.00 (\$2.50 after October 10th).

NAME _____

ADDRESS _____

CITY _____

STATE _____

\$ _____ Enclosed

Bill Me

WG7

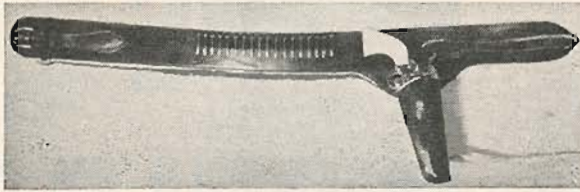
Contact us for special discounts on quantity purchases.

New Ideas In Top Quality Holsters

THE HIDE-A-WAY HOLSTER



Handcrafted for YOU; fits inside trousers band; concealed but available; protects against grease, rust. Wt. 2½ oz. top grain soft cowhide, riveted nickel clip.\$2.95 PP.



1144 BLACK BEAUTY GUN BELT

Fast draw type holster with soft glove leather white lining. Belt and holster in black cowhide only. \$8.99 PP. Send waist size, caliber, model and barrel length of gun when ordering. Double gun set available @ \$13.95 PP.



"RAP ROUND" HOLSTER

For 45, 38, 32 Colt Automatics or custom made for any other automatic weapon. In black or natural, genuine leather, lined for extra wear. Free, easy draw. State size and type of gun when ordering. \$2.98 PP.



1127—SWORD-CANE, RIDING-CROP

Beautifully made, hand plaited, genuine leather riding crop, with 18 inch dagger hidden inside. Practical collector's item: attractive for den or patio. \$5.00 PP.

Send 10¢ for descriptive literature

WHITCO

P. O. DRAWER 1712
BROWNSVILLE 18, TEXAS

.30 Cal. M-1 CARBINE and PARTS



BRAND NEW! Complete and Postpaid \$75.95

All major parts are of new manufacture, including barrel, receiver and trigger group. The brand new American Black Walnut stock is available in sport model without sling cut or as govt. issued. Also your choice of wood or metal air-cooled blue-steel upper handguard. Price includes sling and oiler and is postpaid. Also available with new production six groove barrel for an additional five dollars. Gun is warranted without time limit. We stock all carbine parts, standard and sporting, see below. . . .

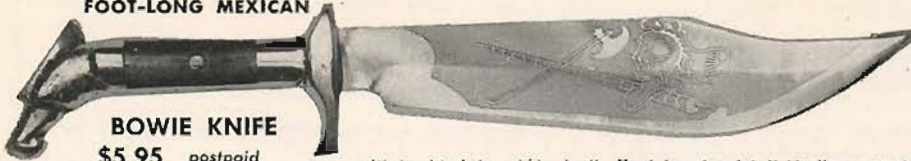
NEW PRODUCTION 6-GROOVE BARREL. At last the limited precision of the govt. designed 2-groove barrel has been overcome by this exceedingly accurate 6-groover. Available from DMC at \$25.

Brand new 2-groove barrel, \$20; brand new receiver \$24; Complete trigger housing \$17; Brand new handguards-Walnut, \$1.75, Air-cooled metal, \$3.95 pp.; Ramp sight w/nut & wrench, \$3.50 pp. Brand new American Black Walnut stock, \$8.50; Sporting model w/o sling cut, \$10.

We postpay all parts orders over \$10. Include 50¢ for postage on lesser orders except where noted. See our classified ad, p. 64, for bargains on other military weapons.

DISTRICT MERCHANDISE CO., 1207 King Street, Alexandria, Virginia

FOOT-LONG MEXICAN



BOWIE KNIFE \$5.95 postpaid

with hand-tooled cowhide sheath. Hand forged and individually engraved heavy steel blade. Hand-made EAGLE grip with genuine horn inserts. These knives are imported by us and are made one at a time far in the Mexican Interior. 12½" overall. Perfect for hunting and camping. You can't find this knife in any collection outside of a museum. Check, cash or money order. No C.O.D. please. California residents add 4% state tax.

MERCHANTS INC., DEPT. G-7, 1200 N. Soto, L.A. 33, Calif.

PISTOL SHOOTERS!

Handbook — Catalog #16 Ready Now!

Don't miss this new Handbook-Catalog! Bigger and better than ever . . . 214 jam-packed pages devoted exclusively to the pistolman . . . over 775 illustrations . . . articles by top shooting and reloading authorities, Blankenship, McMillan, Joyner, Clark, Reeves, Weinstein, Toney, Cartes, White, Weston, Shockey, Gibbs, Hebard, and U. S. Army's Coaching Manual unabridged . . . These alone worth many dollars if published in book form . . . National Records . . . all latest products and prices . . . hundreds of score improving items and tips . . . Clark, Shockey, Pachmayr Custom Guns . . . Ruger, Hammer, Hi-Standard, S&W, Colt, Sig, Browning, Iver Johnson, Crossman Target and field guns.

The pistol shooters "Bible" and standard references book. No catalog like it! A MUST for competitive pistolmen or anyone interested in handgunning.

Mailed immediately in protective envelope . . .

Postpaid (3rd Class Mail) \$1.00
Postpaid (Air Mail) \$1.90
Postpaid (Hard-bound Library Edition) \$5.00

GIL HEBARD GUNS

KNOXVILLE 3, ILLINOIS

(Continued from page 44)

as to calibers and adaptations, thus providing a ring for the use of a sling rather than the regulation infantry sling swivels which would prove a nuisance to mounted men with short barreled pieces. For civilian hunting arms designed for horseback mobility I feel that saddle ring is the proper term. Most of the gun owners I knew wouldn't have recognized a sling or known what to do with it if they had seen one.

C. L. Innis
Westminster, Mass.

I grant you that many arms were carried by people riding horseback and the "sling ring" was thonged to the saddle—hence the term "Saddle ring." But the origin of the ring on the side of a carbine came from the military use of a "sling," and the name of the ring should not be changed regardless how it was used by some people.

My 1907 Winchester catalog lists a "sling ring and staple" as a normal part for the 1873 carbine.

My 1933 Winchester catalog describes the model 1892 carbine as follows: "Receiver is equipped with sling ring on left side. Sling ring will be left off at extra price." Model 1894 carbine: "Not equipped with sling ring. Can be furnished with sling ring at extra price." Model 1895 carbine: "Sling ring will be attached at extra price."

If the original military terminology called the thing a "sling ring," and if Winchester also called it a "sling ring," I think the collectors should call it the same thing.

I also lived in Wyoming and I hunted the Laramie plains and Laramie peak area, the Greyball Valley, and the Absaroka Mts. I carried more than one Winchester on a horse or two, and I thonged my carbine to my saddle by using the sling ring. But I never called it a "saddle ring" and do not remember anyone else who ever called it such.—G.B.

Dreppert Rifle

I would like information concerning a percussion lock type rifle which I received recently.

It has a 42" octagon barrel with the name W.L.M Fordney inscribed on the top and DREPPERT stamped on the lock. It has an over-all length of 58", is approximately .50 caliber, and has a short sporter type stock. It is a single shot but has what appears to be double trigger, which seems strange to me.

Since this rifle has been in the family for many years, any information you could give me concerning the age, manufacture, and the reason for the double triggers would be of great interest to me.

Ronald D. Benden
Altoona, Pennsylvania

Your half-stock "Kentucky" rifle was probably made in the Lancaster, Pa. area. It could have originally been a flintlock. The lock was probably made by Henry Dreppert who worked in Lancaster from about 1775 until after the turn of the 19th century.

The barrel—and generally speaking—the rifle, was made by one of the Fordney family of Lancaster, Pa. The Fordneys were of French Huguenot descent. The name originally was "Fortenieux," and later, "Fortene," and finally "Fordney."

The two triggers are not unusual. If the

piece is working properly you will notice that the rear trigger "sets" the forward trigger so that you have what people call a "hair trigger." Most of the good quality "Kentucky" rifles were made with set triggers.

If originally made as a percussion arm it probably dates back to the 1840's. If it was converted from flintlock it would of course be older. The Fordneys were active from about 1800 well into the 1840's or 1850's—C.B.

Bluing Techniques

I am interested in bluing some old rifles. Could you give me some suggestions for bluing formulas?

The commercial preparations for cold application are not satisfactory. The immersion technique is probably the best. What would be a good formula in using this method?

Dr. C. A. Miner, D.V.M.
Tecumseh, Nebraska

This brings up a point which may find people in controversy.

My opinion is that "old rifles" or any old gun that is at all valued for its age or place in history—should NOT be blued, or re-blued.

The rebluing of a fairly modern arm that is just a hunting or shooting tool is something else.

The "hot blue" or immersion bluing is a messy task at best. The tanks, chemicals, and cooking space are such that even many gunsmiths avoid the work.

I suggest you contact your gunsmith and ask him about bluing solutions.—C.B.

Handgun Trio

I have the following guns and wish to know what value they are and who they are made by. Each is in good shape.

J. Rupurth, Philadelphia, Penn. Model Empire 38, serial number 72034, appears to be .38 caliber.

American Standard Tool Co. no model number, serial number 11799, appears to be .22 Short rim-fire.

Smith and Wesson, no model number, serial number 56206, appears to be .32 caliber.

Larry A. Williams
Mesa, Arizona

Your descriptions are such that I cannot help you. When asking for information one should include a complete verbal description and all markings as well as dimensions.

I have never heard of "J. Rupurth, Philadelphia". I know of J. Rupertus, Philadelphia, but he made single shot percussion and cartridge pistols, four shot pistols, eight shot pistols, revolvers and rifles, and from what you have said you have a ".38 caliber gun"—of what type I do not know!

The American Standard Tool Co. made both single-shot pistols and revolvers. Just which you have is not clear.

Smith & Wesson made a lot of different .32 caliber revolvers. A complete description as to type and all markings would be necessary before identification is possible—C.B.

Dangerous Shooting

Is there likely to be danger to people or animals on the farm when shooting a rifle

such as a .22 Magnum toward the tree tops? How much power does the bullet have when it returns to earth?

C. J. Williams
Lambert, Miss.

If we are to assume that the bullets in question fly out into the open air at a steep angle, then there is no danger. The bullet will expend itself and return to the earth as a free-falling object. It will have no more velocity than if the same bullet were dropped from an airplane and because of the usual lightness of such bullets they will be unable to do any damage.

On the other hand, if a bullet fired into a treetop strikes a limb at the proper angle it may ricochet and return to earth at quite a clip—and could cause damage.—C.B.

Luger Headstamps

I recently obtained some pistol ammo which I believe to be 9 mm Luger. I would like to know more about these before I fire them. Several types of head stamps are listed below. I would like to know if these are safe to fire; if they are non-corrosive; source or maker, and any other information possible. All have metal cased bullets.

D1 43 9 mm Brass primer with three crimps.

D1 44 9 mm Same primer, sealed with purple and green lacquer.

WRA 9 mm Nickle primer, crimped all around, purple lacquer.

B (arrow) E 43 9 mm Brass primer, conventional crimp, purple lacquer.

B (arrow) E 44 9 mm IIZ Primer same as above.

Richard G. Munson
Indio, California

All of the described 9 mm Luger rounds may be used in a Luger pistol that is in good mechanical condition.

The first two, "D 43" and "D 44" were made by Dominion in Canada in 1943 and 1944. The "WRA" round was made by Winchester, and the "BE" rounds were made in England. In WW II, the English and Canadian forces used the Sten gun, a submachine gun that used the 9 mm Luger cartridge.

I cannot tell you if the rounds are non-corrosive or not, but I know that I have used the English and Canadian cartridges with no ill effect. Clean the arm carefully and you will have no trouble—C.B.

CB Cap Erosion

Does the prolonged use of the 22 CB Cap harm a modern rifle chambered for the 22 Short, Long, and Long Rifle?

Robert Stenger
Massapequa, N.Y.

The use of CB and BB Caps in .22 rifles chambered for the longer cartridges will in time erode part of the forward chamber so that the Long Rifle case may stick and extraction might be difficult.

Careful cleaning of the chamber after every use of the CB Caps will delay the process for many years. One must evaluate the advantages of using the CB Caps against the value of the rifle. I have one inexpensive .22 that has fired thousands of CB Caps and will still function fine with .22 Long Rifle ammo.—C.B.

PROTECT your HEARING from GUN BLAST DAMAGE

WEAR **Lee Sonic EAR-VALVS** (Not Plugs)

STOP FLINCHING—IMPROVE SCORING!

Acclaimed by champion shooters and recommended by Ear Specialists as the best protection against harmful noise, Lee Sonic EAR-VALVS let you hear everything normally while they eliminate the harmful effects of gun blast noise. A precision engineer, patented mechanical hearing protector. NOT EAR PLUGS. Only \$3.95 a pr. with money back guarantee. ORDER TODAY or write for FREE Medical Proof and literature.

SIGMA ENGINEERING COMPANY

1608 Hillhurst Ave., Dept. K, Los Angeles 27, Calif.

PREPAID AMMUNITION!

Prepaid on Orders of \$50.00 or more.

AMMUNITION

.45 ACP Ball, Win., N.C.	\$ 4.50 per 100
.45 ACP Ball, Rem., Corr.	4.00 per 100
9mm Luger, Boxer, Non Corr.	3.00 per 100
9mm Luger, Corrosive	2.75 per 100
.30-'06 Ball, Corrosive	4.00 per 100
7.7 Jap Military	12.50 per 100
6.5 Jap, Soft Point	12.50 per 100
.30 M1 Carbine, Non Corr.	5.00 per 100
7mm Mauser, Rem. Military	5.00 per 100
.303 British, Military	5.00 per 100
.38 Spl. Wadcutter, Comm.	5.00 per 100
41 Swiss Rim Fire	5.00 per 20
8mm Mauser, Military	4.00 per 100
.45 Auto Wadcutter, Comm.	7.00 per 100
.455 Webley, Military	8.50 per 100
6.5 Italian, Soft Point	14.50 per 100
.30 Carbine Soft Point	9.95 per 100
7mm Mauser, Soft Point	10.00 per 100
7.65 Argentine, Soft Point	12.50 per 100
8mm Mauser, Soft Point	10.00 per 100
.303 British, Soft Point	10.00 per 100
.30-'06 Soft Point	10.00 per 100
32 Remington, Comm.	10.00 per 100

DCM Carbine ACCESSORIES

30-Shot Carbine Mag, new	\$2.95 ea.
15-Shot Carbine Mag, new	.75 ea.
Two 15-Shot Carbine Mags, in pouch	1.75 ea.
2-Pocket new 15-shot mag pouch	.50 ea.
New Carbine Zipper Canvas Case	1.25 ea.
Carbine Sling & Oiler, new	2.00 set
5-Shot Carbine Magazine	1.50 ea.
M1 Carbine Bayonet & Sheath	4.95

Minimum Order \$5.00

Include Postage with Parcel Post items

Stamp for Complete List of Ammo and Carbine Accessories

VIC'S FOR GUNS

2413-D (G) Galveston, Texas

GUN METAL NOW MADE NEW!

—blueing gives new beauty, natural protection!

Just one easy-fast application of MINUTE MAN GUN BLUE will restore steel or iron surfaces! Not a paint or lacquer—no heating! Patented chemical! Complete kit with each purchase!

improved • more effective money back guarantee • send \$1.

NEW METHOD MFG. CO., Bradford, Pa.

Name _____
Address _____
City _____ State _____

Code No. G7-4



Instantly shows true range!



SIGHT TARGET IS DOUBLE



FOCUS TURN DIAL SO IMAGES MERGE



READ DISTANCE ON DIAL

INSTANT MARKSMANSHIP! Just focus this precision optical instrument on any target. Dial instantly shows distance in yards. Lets you adjust sights for deadly accuracy every shot. Terrific for varmint hunters. Just 12 inches long. Deluxe set including Rangefinder, Leather Holster Case, and 5x Telescope Eyepiece for easiest long-range focussing—\$29.95 complete, or you may order the Rangefinder alone for \$19.95. (Also available 250-yd. models from \$9.95.) Ideal gift. 30 Day Money-back guar. Send check to:

Dealers: Write us. **FEDERAL INSTRUMENT CORP., Dept HC-7**
114-06 Rockaway Blvd., JAMAICA 20, N. Y.

HOLSTERS by DON HUME

Reg. U. S. Pat. Office

JORDAN HOLSTER & BELT

Jordan Holster—Constructed from heavy Saddle Leather. Metal in holster extends into belt loop. Welt and play are hand-stitched with waxed linen thread. For double-action only \$9.85
River Belt—Heavy skirting. Solid brass buckle. Width 2" only. Give waist size. \$7.20
Fully lined belt, \$2.80 extra; 2" or 2 1/4"
Holster and Belt Combination. \$13.95

CATALOG 35c. Refunded on First Order. Postage Paid. Bonus Fide Dealer Inquiries Invited. Okla. Resid. Add 2%.

DON HUME LEATHERGOODS
Route 1, Dept. G, Park Hill, Oklahoma

AMMUNITION

NEW LOWER PRICES

MILITARY

.30'06 CARTRIDGES per 100 \$ 7.50

303 British Military	10.00
Per 100	
762 Russian Military	10.00
Per 100	
735 Italian Military	10.00
Per 100	
7x57 Mauser Factory Loads	17.50
Per 100	
9 MM Luger Pistol Cartridges	8.00
Per 100	
338 Winchester Magnum Rifle Cartridges	5.00
Per Box-20 rounds	
458 Winchester Magnum Rifle Cartridges	10.00
Per Box-20 rounds	
351 Winchester Self-Loading Metal Patch	8.00
Per 100—Value \$14.00	
250-3000 Savage Soft Point	15.00
Per 100	
8MM Mauser Military Cart.	8.00
Per 100	
.35 Remington Soft Point	17.50
Per 100	
.25-20 Repeating Rifle Cartridges	8.00
Per 100	
30-40 Krag Blank Cartridges	10.00
Per 100	
32-40 Soft Point	12.50
Per 100	
270 Winchester Soft Point	17.50
Per 100	
30-40 Krag Silver Tip	17.50
Per 100	
32 Remington Soft Point	12.00
Per 100	
Ear Defenders NISA for the Shooter. Brand New. Gov. Surplus Val. \$3.00 postpaid.	1.00
Bore Scopes .50 Cal. Govt. Surplus: Ppd.	75c

Send for New List of Automatic Pistols, Ammunition, Binoculars, Holsters, Shot Gun and Rifle Covers. Many other Specials. Send Coin 25c.

PUBLIC SPORT SHOPS
11 S. 16th St., Phila. 2, Pa. No CODs

STEPPING STONES TO THE OLYMPICS

(Continued from page 23)

Team match, are restricted to the service rifle, and GI ammo issued on the firing line.

"E," or Echo range at Camp Mathews has 100 firing positions, and they were full for three relays, the morning I attended. The match started promptly at 7:30 A.M. and all 100 of the first relay were ready, and on the line. Each competitor was allowed two sighting shots before firing for record, and these could be taken in any position the shooter desired. This was the 200 yd. line, and the firing position was off-hand, or standing. Twenty minutes were allowed for 20 shots, in the "200 Yard Slow Fire Match."

As each shot was fired, the Marine recruit assigned to each competitor would read the signal from the pit detail, announce the score, and enter it on the score card. At this short range the shooter can see the large spotting discs with the naked eye. The target fired in this event is known as the Army "A" target. It has a 12" black bull's-eye, with a four inch circle (called a "V" ring, used for breaking ties) in its center. A hit in, or touching this bull's-eye scores five points. The next ring, six inches wide scores four points, and a hit in the outer ring is worth three points. Any hit outside this area is a miss, or a zero.

The pit detail uses a large white disc to signal a five, a red disc for a four, and a white disk with a black cross for a three. A red flag is waved slowly across the target for a miss; this is the famous "Maggies Drawers."

The standing position is the toughest position of all, even at this relatively short range. Few men can shoot a perfect score off-hand, and that includes the champions. Some do it occasionally in practice, but very few can do it in big time competition. As a beginner, you should not take your score too seriously, remembering that with proper practice it will improve. Any man, shooting off-hand, who can put twenty .30 caliber bullets in a twelve inch bull's-eye at 200 yards, will be a champion in this match; for each position is a match unto itself with medals and awards.

After sweating out the off-hand match, most shooters are relieved to go into the rapid fire, sitting match. The average competitor fires his best score in this steady position, and approaches the firing line with confidence. The shooters get into their slings

for this one, each man squatting, and bracing his elbows between his knees; making a tripod of his body that is firm and solid. As this match is also shot at 200 yards, no sighting shots are necessary. After a few moments spent in preparation, the competitors stand up with eyes on the targets. Upon the command, "Load and lock," they shove a clip of ammo into the magazine. Then the range officer gives the alert signal, "Ready on the right. Ready on the left. All ready on the firing line." There are a few moments of quiet suspense, and then the targets appear.

All 100 men go into the sitting position. After much squirming, it seems they all fire at once. They have just 60 seconds to get off 10 shots, and though this seems a short time to the novice, it is actually more than enough. Most of them finish their string in about 55 seconds. The most amazing part of this performance is the fact that the men firing the bolt action rifles seem to finish at the same time as those firing semi-automatic service rifles.

The pit detail lowers the targets at the end of 60 seconds and the competitor who takes too much time is left without a target. Spotting discs are placed in each bullet hole, and the targets are raised for scoring. This routine is repeated, so that each competitor fires 20 rounds. A great many people manage to get possibles in this match, especially those firing in the expert and master class.

After finishing this match, the competitors retire to the 300 yard line for the next event, known as the "300 Yard Rapid Match." This is fired in the prone position, and the time limit is increased to 70 seconds, to allow for a longer aiming period.

The shooters in the first relay adjust their slings and make sight changes. Firing GI ammo, you elevate the rear sight aperture three minutes-of-angle, or twelve 1/4' clicks to get into the bull at this range. If there is a cross or quarterly wind blowing, some windage must be added in the direction from which the wind is coming. The competitor is allowed two sighting shots with which to make finer adjustments.

During the readying period, you peer through your sights and discover that twelve inch bull's-eye has shrunken to the size of a pea. It will seem impossible, to the begin-

(Continued on page 50)

O'BRIEN .17 CALIBER JAVELINA

Hand Carved Stocks of Premium Woods and Inlays and Decorations of Genuine Ivory and Ebony by Nils Hultgren.

- 18" BARREL
- OVERALL LENGTH—36"
- WEIGHT—ABOUT 5 POUNDS
- ULTRA HIGH VELOCITY
- MILD REPORT
- BULLET WEIGHTS OF 20, 22 AND 25 GRAINS
- TREMENDOUS SHOCKING POWER
- TARGET ACCURACY
- NO RECOIL

\$550.00
Scope Not Included

Marshall Hyde INCORPORATED
PORT HURON, MICHIGAN — 48060

PRICE VALUE OF THE YEAR!

NEW SHIPMENT OF 30-06 SHORT MAUSER RIFLES

\$39.95



Out of the high INCA country of Peru come these beautiful F.N. Mauser Rifles of world renowned Mauser 1924 design, **ORIGINALLY** fabricated in 30-06 caliber for the Peruvian Government and marked with the Great Seal of that Republic and the designation "MODELO 1935". Has all famous M1935 features including unique reverse position safety to confuse you collectors, and quality finish applied by fanatical Liegeois craftsmen at Herstal, Belgium. Don't accept inferior Czech, Iranian or Spanish substitutes for modern technology and traditional quality in this great money saving Caliber. This .30-06 Mauser Rifle is in original Military condition ready for immediate service. NRA Good to Very Good Condition \$39.95. \$5 extra for Select Rifle.



SPECIFICATIONS

- Caliber .30-06; Manually Operated
- Turn Down Bolt Handle
- Air Cooled; Walnut Handguard, Stock
- All Milled Parts; Five Shot Magazine
- Fully Proof Tested to International Stds.
- Barrel Length—23"; Overall Length—43"
- Weight—approximately 8½ lbs.

AMMO SPECIALS!

30-06 late issue ammo	
100 rds.	\$ 5.95
Per case of 1000 rds.	\$ 49.00
10 cases	\$415.00

BAYONET SPECIAL!

ORIGINAL ISSUE BAYONETS FOR RIFLE ONLY.....\$3.95

MARS EQUIPMENT CORP. 3318 WEST DEVON AVE., CHICAGO 45, ILLINOIS

CHOICE AUTOMATICS AT CLOSE OUT PRICES!

BERETTA MODEL 418

.25 Cal.

Light & small, high quality construction. **\$19.95**



BERETTA MODEL 1934

.32 Cal.

Outside hammer, double safety catch. Fine personal gun. Heat tempered ordnance steel. **\$24.95**



BERETTA MODEL 948

.22 Cal. L.R.

Thumb safety, sensitive trigger pull, light-weight. **\$19.95**



BERETTA MODEL 1934

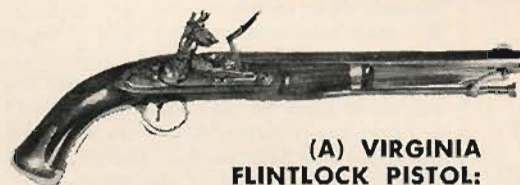
.380 Cal.

Powerful hand pistol for police or personal use. Double safety catch, outside hammer. Heat tempered ordnance steel. **\$29.95**



Condition of pistols very good or better. \$5 extra for super-selecting excellent pistol in like new condition. All pistols shipped REA Express.

MODERN BLACK POWDER SHOOTERS



(A) VIRGINIA FLINTLOCK PISTOL:

This beautiful Virginia Manufacture Pistol is 16 inches long and has a round steel barrel 10 inches long. The Virginia Flintlock was patterned after the Harpers Ferry with only slight changes, such as, a swivel ramrod which proved much stronger and the grips and brass buttcap are slightly shorter. Pistol has a rifled bore in .54 caliber, with handsome varnished wood and brass mountings. Lockplate is casehardened and is marked with "VIRGINIA" and "Richmond 1812".

ALL PISTOLS AND REVOLVERS

\$79.95
only each



(B) HARPERS FERRY FLINTLOCK PISTOL MODEL 1805 - DATED 1807

Made for the Army at Harpers Ferry Armory, this was the first U.S. Pistol to be manufactured at a National Armory. It is a tribute to its attractive lines that the U.S. Army Military Police adopted crossed Harpers Ferry Flintlock pistols as their insignia. This flintlock is 16 inches long and has a round, steel barrel 10 inches long. This striking pistol has a rifled bore in .54 caliber, with handsome varnished wood and brass mountings. The lockplate is casehardened and is marked with a spread eagle, U.S. and HARPERS FERRY 1807.



(C) NEW MODEL ARMY

1860 Colt New Model Army .44 Cap and Ball Revolver. Now better than ever: completely proofed for better and safer shooting. Beautiful pistol with an 8 inch barrel, walnut grips, blue finish and round cylinder. NOW special finely engraved cylinder at no extra charge.

All Guns Shipped Express Unless Postage Accompanies Order.



Powder Flask
\$15.00



44 Bullet Mould
In Brass **\$12.00**



(D) KENTUCKY-TYPE FLINTLOCK PISTOLS:

The Kentucky Pistol is a unique Arm and is a very attractive one for the collector to acquire or for the shooter. This Flintlock is a typical "KENTUCKY" pistol, practically none of which are exactly alike. Many of the Kentuckies were made to order by local Rifle makers for customers to carry on Military Expeditions of the late 18th and early 19th Centuries. This handsome pistol has varnished wood, brass mountings and a casehardened lockplate. Caliber .44, Rifled Bore for shooting.

CENTENNIAL ARMS CORP. 3318 West Devon Ave., Chicago 45, Illinois

BUY DIRECT Satisfaction Guaranteed

HERTER'S FAMOUS MODEL 3
SUPER RELOADING TOOL



- Loads rifle, pistol or shotshells
- Full length resizes and swages bullets with ease
- Lathe bed cast iron frame not aluminum or aluminum alloys.
- Complete with primer arm, insert and shell holder of your choice
- New Primer catcher \$1.37

Shp. wgt. 23 lbs.

\$13.95

HERTER'S FAMOUS HAND GUNS

HERTER'S .22 CAL. WESTERN
SINGLE ACTION REVOLVER

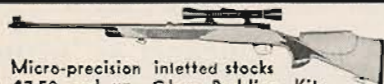


Shpg. wt.
3 lbs.

\$26.49

5 inch micro-precision barrel. Adjustable rear sight. Heavy, custom, full sized frame. Tenite checkered grips. All working parts made of the finest weapon steel. Send Firearms Permit No. for dealers prices. Send 25¢ for huge 500 page catalog.

GUNSTOCKS AND GUNSMITH SUPPLIES



Micro-precision inletted stocks
\$7.50 and up. Glass Bedding Kits

Send for famous free booklet: How to Reload by George Leonard Herter

Send 25¢ for giant 500 page catalog. Dept. 612

IMMEDIATE DELIVERY All prices FOB, Waseca, Minn.

HERTER'S INC. SINCE 1893 WASECA, MINN.

(Continued from page 48)

ner, to hit it at all, but from this steadiest of all positions it is really a cinch—if you keep the sights aligned properly and squeeze the trigger instead of jerking it.

Like the other rapid fire event, you slip a five shot clip of ammo into the magazine of your bolt rifle on the command of "Load and lock," keeping the other five shot clip where it can be quickly reached after firing the first five rounds. You should count your shots as you fire, to make sure you don't waste time firing on an empty chamber.

When changing clips, try not to hurry. Carefully steer the clip into the clip slot and press the ammo steadily into the magazine. A few extra seconds here may mean the difference between smooth loading and a jam, and remember that you are penalized five points for each round you do not fire. There are no alibis allowed for fumbling the ammo. You may be allowed an alibi if the cartridge misfires, if your rifle breaks down, or if someone fires on your target. In other words, for a cause beyond your control, you will be allowed to fire the event over if you claim an alibi.

At this range, you are too far from the target to see the spotters, and most shooters use a spotting scope to check their sighter shots and their group after firing the first ten shot string.

Many shooters, including myself, have a tendency to shoot the rapid fire events too fast and, as a consequence, jerk an occasional shot that could have been better aimed. When first learning rapid fire technique it is best to start slowly, deliberately

using more time than allowed. You will quickly learn to shoot within the prescribed time limit.

After each relay has fired two 10 shot strings in the 300 yard event, the competitors retire to the 600 yard line, for the "600 Yard Slow Fire Match." This is fired from the prone position, and you are allowed one minute per round or 20 minutes for the match. You must use a heavier bullet here, and a competitor using the Frankford Arsenal match load, or a comparable handload, must elevate the rear sight 12 minutes or 48 clicks to get on the target. This is, of course, over and above previous sight settings. If there is a brisk breeze blowing at right angles to the range, he'll need at least four minutes of windage to get on the target.

At this range the spotting scope is needed to see the discs on the target and to correct your sighting shots. The target has now been changed from the "A" to the "B" target, which has a 20" bull's-eye. Each shot is signaled and scored individually the same as at the 200 yd. line, and, as you peer through your sights you will find that big bull's-eye has shrunk to the size of a pin head.

To the beginner, hitting such a small target with iron sights seems impossible, especially to the hunter who is used to a scope at much shorter distances. Most bolt action rifles, as well as the M-1 service rifle, prohibit the use of scopes, and fine scores proved that a scope is not necessary on a military range. When the beginner discovers he can fire as good, if not better, with first class iron sights as he did with a scope, his confidence in himself, and his satisfaction in the sport, will improve.

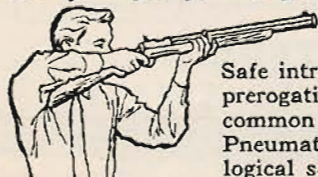
The wind is an important factor at this distance. As long as it remains steady, you will have no trouble, but winds will change. When this happens, your bullet will drift out for a four, or maybe a three. The experts counteract this by studying the mirage through their spotting scopes before firing. By using your scope slightly out of focus, you can see the mirage quite clearly. If the mirage changes its steady movement, you can either allow for the change or wait until it calms before firing. There are two complete matches fired at this distance, of 20 rounds apiece, usually in the afternoon.

It is good to see the ladies competing in these high-power rifle matches—if only to make those men who are hesitant about entering feel a bit foolish. Among the men there seems to be no age limit. This match was fired by youngsters of 17 as well as men who were 50 years their senior.

In California, where there are several large military ranges, the matches are shifted from one to another—the Army acting as hosts one year, the Marines the next. The NRA will be glad to give you the location of the match in your state.

Big bore rifle shooting is great fun, and anyone who likes to shoot should consider entering competitions. If you begin with the state matches, you'll be among beginners like yourself, and who knows, you might win! Once you do, or even score better than you had expected, you'll get the bug, and you won't be satisfied until you get to the Nationals.

SHERIDAN "ALL-AMERICAN" GIFT



Safe introduction to handling a gun is every boy's prerogative and the safest training possible is common sense. World-famous SHERIDAN Pneumatic Rifles have been for years the logical solution. Also, Father and

Son target matches at home, or hunting afield, create a bond rarely broken.

This practical little small-bore will bring the whole family years of pleasurable, trouble-free target shooting, pest control and small game hunting. A fine air rifle is one of the few presents and memories a boy treasures all his life.



\$27.50

AMMUNITION (500 rounds per box) Each \$2.50

SHERIDAN Pneumatics give you a lot more for just a little extra and are doubly worth the difference. And what the pumping does for young arms and shoulders is alone worth the small extra cost. Write for prices and details TODAY.

- Controlled Power (penetration up to 1" in soft pine at 25 yards)
- Fire-Proof Safety
- Unmatched Accuracy and Velocity
- Instruction Book on Shooting and Safety

SHERIDAN's amazing "SILVER STREAK" and "BLUE STREAK" shoot a ballistically correct 5mm. pellet that has the accuracy, balance and finish of match ammunition. That's why sporting goods dealers acknowledge SHERIDAN the standard for...



Available also with Weaver B4 Scope Sight
Price \$44.00



Available also with Sheridan-Williams Receiver Sight
Price \$35.00



SHERIDAN PRODUCTS, INC.

Dept. 464-G • 1234-13th Street, Racine Wisconsin

I TAUGHT THE VIETNAMESE TO SHOOT

(Continued from page 31)

selected rifles tipped bullets. These groups, when translated to certain combat hits, meant the sure-fire yardage was not more than 150 yards—and this with rifles I had inspected and knew to be among the best we had.

The Vietnamese had no spare barrels. Barrel replacements were needed, but you can't just put new barrels on and re-issue the guns.

The new arsenal barrel is chambered purposely short by a few thousands inch and after having been screwed into the receiver, a skilled mechanic must use a finishing reamer, setting the shoulder ahead. The rifle's breechbolt must then be headspaced to that chamber. The Vietnam ordnance corps had never done anything like this, but we felt sure we could teach them—if we could get barrels. But we did not get barrels, and today the same rifles are fighting an increasingly tough war.

For 13 months, I traveled an average of two thousand miles every 30 days, supervising the construction of firing ranges and teaching marksmanship to the diminutive Vietnam soldiers. It was during this tour of duty that I found out the truth about the worn-out M-1 rifles. The 10 division army, scattered over the entire country, had one small rifle range, there was no rifle marksmanship program, there were no qualified instructors, no courses of fire, no schools of instruction, no manuals in the Vietnamese language on riflery.

Working my way through the interior, I sometimes met up with herds of wild elephant, saw buffalo as they grazed or soaked in ponds, spooked gaur, and occasionally I'd catch the barest glimpse of tiger, leopard, and wild boar. There were seven varieties of deer, ranging downward from the lordly sambhar to the diminutive mouse deer. And throughout all this marvelous hunting land were the Moi—the jungle savages of the high mountains. Each weekend, regardless of where I might be, I organized a shikar.

In 13 months I built 34 firing ranges, had 32 in process of completion when I finished my tour and quit Indo-China. These weren't all simply rifle ranges, but included machine gun ranges, pistol ranges, field firing ranges, artillery ranges, bayonet courses, grenade courts, and mortar ranges.

The M-1 rifle weighs 10¼ pounds and is a fearful handful for the little Vietnamese. I weighed and measured 100 combat infantrymen and found that the average soldier was 5'2" and weighed 110 lbs. To then give them a rifle which weighed almost 1/10th of the weight of the owner was a terrible burden. Today, some eight years later, the Vietnamese army is getting the M-16, a 6 lb. weapon firing the .223 round.

There was little money for range construction and we cut most of the logs and other materials needed to build butts and firing points from the jungle. The Japanese, during their occupation of WW II, had taught the Vietnamese how to make a simple rifle target. This consisted of a double frame, a target at either end, the crossbar between the targets drilled for a 3/8" bolt. The target spun on this bolt which was passed through a sturdy 6"x6" post. It turned like a roulette wheel, one target exposed while the other was in

the pits to be scored. It was simple and entirely practical, and I immediately adopted it for our ranges.

When I arrived, the infantry training center on the outskirts of Saigon had the only rifle range worthy of the name in the country. It had 75 targets and these were operated from a concrete pit which had been designed by some long departed American officer. This pit was 8 feet deep and 600 feet long. When it rained our range pit would fill with water. To use it, we'd have to put pumps at either end and keep them going constantly while the shooting was in progress.

The best marksmen were not Vietnamese, but a clan of giant Chinese, the Nung. These mountain people average 6 feet in height, are warriors through a tradition ten thousand years in the making. The former French Nung division, when the war ended, joined the South Vietnamese. Quick to accept marksmanship training, keen and alert, they built ranges before the other divisions, were ahead in the schooling of instructors, were first to show good progress in their shooting.

Since it was a waste of time to shoot just any M-1 due to the shot-out condition of so many bores, we hit on an inspection system. We selected, out of every division, those rifles which were our better weapons. These were earmarked for range firing.

The average Vietnam soldier did not care if he shot a pinwheel 5 or was waved the

The New Sensational "PEN GUARD"

TEAR GAS DEVICE

Larger, 40% More

Powerful

Shell



\$6.50
with 1 shell

Additional super shells \$.75 each
You're always "on guard" against robbers, mashers and other criminals when you carry this innocent-looking TEAR GAS Device. Nickel plated, spring-steel clip. Not a firearm. No permit needed.

SEND CHECK OR MONEY ORDER. NO COD'S
Not MAILABLE, Sent by Express, charges collect.
This product is not intended for sale in states or localities which have laws forbidding their sale.

PUBLIC SPORT SHOPS Est. 1918

DEPT. G 11 S. 16th ST., PHILA. 2, PA.

JACKETED BULLETS, LOWER PRICES

Diameter	Weight	Type	Retail Price
.337	200 grs	FSP	\$6.25 per 100
.377	255 grs	FSP	\$3.25 per 50
.405	280 grs	FSP	\$3.50 per 50
.406	260 grs	FSP	\$3.50 per 50
.407	200 grs	FSP	\$3.25 per 50
.407	300 grs	FSP	\$3.50 per 50
.412	300 grs	FSP	\$3.50 per 50
.429	200 grs	FSP	\$3.00 per 50
.429	240 grs	FSP	\$3.25 per 50
.434	340 grs	LEFP	\$3.50 per 50
.438	340 grs	LEFP	\$3.50 per 50
.452	345 grs	FSP	\$3.50 per 50
.456	300 grs	FSP	\$3.50 per 50

FSP—Flat Soft Point, for magazine rifles, LEFP—Long Exposed Flat Soft Point. Send check or money order and we will ship POSTPAID & INSURED in USA. DON'T WAIT. If we do not receive anticipated volume, we shall revert to the OLD Prices. Write for our free brochure on OBSOLETE CARTRIDGES, BULLETS and cross reference which lists rifle calibers, both US & METRIC in which the above bullets may be used. OUR BULLETS have been tested and acclaimed by the EXPERTS. Inspection procedure conforms to MIL STD 2105-D & MIL STD 2106.

CONNECTICUT CARTRIDGE CORPORATION
P.O. Box 354 G, Plainville, Conn.



you'll see better, shoot better with
a model **K3** or **K4** **WEAVER SCOPE**

Precision, hard-coated lenses give a clear, sharp, magnified target. Long, safe eye-relief and constantly-centered reticle make aiming fast and easy, shooting more accurate. You'll like these other Weaver-Scope features, too: compression O-ring sealing and nitrogen processing for weather-proof performance; light, sturdy steel-tube construction; fine finish and permanent blueing. See the seven Weaver K Models . . . priced from \$34.50 . . . at your dealer. © 1964 W. R. Weaver Company

W. R. WEAVER CO. DEPT. 43 | EL PASO, TEXAS 79915

FREE!
Full-color
1964
catalog



Name _____
Address _____
City _____ State _____

MADE BETTER BY AMERICAN CRAFTSMEN

DEALERS—GUNSMITHS FIREARMS—ALL MODELS

Get everything you want NOW. Shot, Wads, Powder, Primers, Bullets, Loading Tools, etc. Our stocks are most complete.

- WINCHESTER
- HI-STANDARD
- RUGER
- S&W
- PACIFIC
- SAKO
- REMINGTON
- SAVAGE
- REDFIELD
- R.C.B.S.
- WEAVER
- FN
- FINNBEAR

Ammunition

REMINGTON—NORMA
Same Day Delivery



BADGER

SLING KEEPER—BOLT HANDLES

BADGER SLING KEEPER Made of special 1 1/4" hard anodized alloy extrusion—black with plated clamp & screw. Postpaid \$1.25.

BOLT HANDLES Unpolished \$1.25, Polished \$2.50, Knurled \$3.00. We weld to your bolt body and polish \$8.00, w/knurled handle \$10.00, or alter your bolt for low scope \$6.50. Jewel bolt \$6.50 extra. Buehler Safety \$7.25. Mark II \$4.25. One day service.

FREE CATALOG—Discount sheet ONLY to established dealers and sporting goods stores—we will not honor post card or rubber stamp requests! Phone CAstle 9-2101.

99% Orders Shipped Same Day Received.

BADGER SHOOTERS SUPPLY

Lew Bulgrin, Owner. OWEN, WIS.
Serving Sportsmen 29 Years

ORDER BY MAIL

Western Boots fine Handmade styles

— RUSTLER —

A fine hard wearing boot. 12" rough side out "V" tops and vamps. Narrow round toe, walking heel and fully leather lined.

No. 250 — **\$26.95**

WRITE FOR YOUR
FREE CATALOG

YOUR SHOE SIZE IS YOUR BOOT SIZE

When ordering please give calf of leg measurement, foot tracing taken without weight on foot, and if instep is regular, high or very high. \$5.00 deposit on C.O.D. orders. You pay postal charges. We pay postage on prepaid orders. Our guarantee for exchange, return boots undamaged and unused within ten days.

Austin Boot Co.

P.O. BOX 348-G

WINTERS, TEXAS

AMERICA'S FINEST ANTIQU ARMS SERVICE



Deal with Confidence

New, Exciting, Illustrated Catalog Every 8 Weeks—Now 84 Pages! Each Issue! Thousands of antique Colt revolvers, Kentucky rifles, pistols, muskets, swords, daggers from all over the world; uniforms, helmets, gun books, etc. - all different each issue. Widest selection available anywhere! Subscription Just \$1.00 per Year. Send now to:

N. Flayderman & Co.
Squash Hollow, Dept. G-7
New Milford, Conn.
TOP CASH PRICES PAID—
For your Antique Guns and
Military Equipment.

red flag. "It's the noise that counts," the translator told me one day. I had rumors of this before, but this was the first time I had been told the noise was worth more than the bullet. It was next to impossible to imbue the average soldier with competitive urge. I could not hit on any stratagem which would provide that spark necessary to generate a real interest in hitting the bulls-eye. "It's the noise that counts," I was told by more than one.

Everywhere I heard complaints that the M-1 was too heavy, too long, too burdensome. I agreed, but there wasn't much I could do about it. The M-1 carbine was available but it is such a worthless arm that I would not consider it. There was one thing we could do—we shortened the stock on the M-1.

As a trial I had shortened 100 stocks. The length of pull on the M-1 is 13 1/8 inches. If we whacked one inch off the butt it would make the stock just about right for our fore-shortened troopers. But top brass ordered 1 1/2 inches taken off. Such a reduction caused problems. The M-1 carries a steel buttplate and when the stock is whittled back a full 1 1/2 inches, the buttplate won't fit anymore. We modified it and made it fit on 100 carefully selected rifles.

I selected 100 combat infantrymen from one of the divisions and with these fellows we fired a simple course. We fired over the course first with the standard stock, then removed it, and shot with the shortened version. This we did three times with each stock. The advantage in favor of the chopped-off stock amounted to only 5.6 per cent improvement. This was disappointing, and I attribute the small improvement to the orders that the stocks be whacked off 1 1/2 inches. I am convinced that only a 1 inch reduction would have been better. My observation of the little soldiers while they were firing these guns was that the stocks were actually too short. We had defeated our very purpose. A stock that is too short will deliver a nasty belt to jaw and shoulder. This had happened to many of my students and it did not improve their shooting.

Many things remained to be done. A centralized school of instruction was needed, we needed a manual, written in Vietnamese; we needed annual national matches so there would be an incentive to improve the shooting. I held out for incentive pay for the marksman, the sharpshooter and the expert, and badges to denote that these were the hotrock shooters in each outfit.

Some of these things I accomplished and some were still on the griddle when my time to return to the States finally arrived. My replacement came in a month early and I gave him the grand tour. I took him from one end of Vietnam to the other and I got him thoroughly zeroed in on all my plans for the future and everything we sought to accomplish. A week after I departed the country he was relieved and assigned to another job. Who finally got the marksmanship training program I have never heard. Today, vets returning from Vietnam tell me that the ranges are returned to the jungle, the old M-1s still plunk the slugs through the target sidewise, and everyone is too busy fighting the Viet Cong to get excited about marksmanship training.

Handmolded fit . . Handsome style CHALLENGER HOLSTERS



Open end holster, hand molded over exact form of gun it will carry. Lockstitched seams of waxed linen thread. For revolvers and automatics. As Illust. \$4.50

Write for free 20-page color catalog

Over 100 holster styles and quick draw equipment, scabbards, cartridge and holster belts, cartridge cases, belt slides and knife sheaths.

THE GEORGE LAWRENCE CO.
Dept. G7 Portland 4, Oregon

DREAMER PICKUP COACH



YOUR OWN PRIVATE HUNTING OR FISHING LODGE...on wheels... ready to take you to a favorite retreat...no matter how remote. Lightweight, rawhide tough, the DREAMER pickup coach ignores "No Vacancy" signs. It's at home anywhere, everywhere! (Actually, the Dreamer thinks it's a motel.)



Write for free colorful information.
TRAVEL INDUSTRIES, INC.
Dept. 217 • OSWEGO, KANSAS 67356

PREPAID AMMO ON PURCHASE OF \$49.95 OR MORE ONLY IN CONTINENTAL U.S.A.

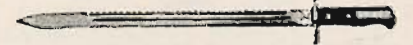
9 MM LUGER N.C. \$3.95 per 100 rds.
(BOXER PRIMED)

Larger Quantity Buyers Write for Unbelievable Prices.

9 MM Mauser	\$3.95 per 100 rds.
.303 British	5.95 per 100 rds.
7.62 Mauser	5.95 per 100 rds.
7.62 Russian	5.95 per 100 rds.
8X42 Remingtonian	3.95 per 100 rds.
8 MM Label	7.90 per 100 rds.

SWISS SAWTOOTH BAYONET with SHEATH—PREPAID

Condition Cleanest \$4.95
Condition Good 3.95



S.M.L.E.
Finally Offered. British,
Femals Accurate, Fast
Action

**GRENADE LAUNCHER
RIFLE** Cal .303 British
N.R.A. Good or better

\$17.98

Add
\$1.98
for
select
Model.



- 10 Shot
- Turn Down Bolt
- 8 Groove Brl.
- 25 Brl.

Only Limited Quantity
Very few were mfg.
.303 AMMO!
MILITARY
50 rds. \$3.29
100 rds. 5.98

**SOVIET
M38 CARBINE**

The Rifle in this Model
Won 3 out of 6 Matches
in 1960 Olympics

These are
very well
made. 20"
bbt.,
light
weight



7.62 m/m
N.R.A.
Good or
Better

NOW \$17.95

Add \$3.65 for
Select Model
100 Rds. 7.62 m/m
AMMO \$5.95.

VIKING ARMS

BOX 15164
OKLA. CITY, OKLA.

PEEPSIGHTS FOR HUNTING RIFLES

(Continued from page 29)

rifle, choose an aperture sight with micrometer adjustments and unobtrusive, hunter-type knobs which require the use of a coin or screwdriver for adjustment changes. Not only are such knobs less subject to catching on brush or clothing, but they resist the fiddling fingers of well-meaning "friends." The best receiver sights are those made by Williams, Redfield, and Lyman. Incidentally, the better receiver sights have bevel-edge elevation staffs which operate in dovetail cuts in the frame. Not all receiver sights are made this way.

Aside from its optical inefficiency, the usual open sight is quite difficult to adjust as compared with the better receiver sight. In fact, the ordinary open sight usually requires such a large number of shots to be fired during the sighting-in process that it may be cheaper in the long run if the open sight is replaced with a quality peep before the rifle is fired.

The usual set of open sights is comprised of a fixed front and a step-elevated rear. Lateral (windage) adjustments must be made with a hammer and a brass drift to knock the front sight either right or left the proper amount. And, unless one of the steps on the elevator happens to produce the exactly desired vertical impact point, the next higher step must be filed down. Even the very best open sights, which are described as "fully adjustable," are relatively difficult to adjust, and seldom provide a wide range of adjustments.

The owner of a micrometer sight quickly learns the different dial settings for various loads, brands of ammunition, and range distances, and he can instantly and accurately turn the sight adjustments to the required combination. The open-sight user seldom has his rifle correctly sighted-in for even one range and type of ammunition, and quick-changing of sights for different loads and ranges is completely out of the question.

All of the better aperture sights are calibrated in minutes-of-angle or fractions thereof. A minute-of-angle subtends almost exactly one inch at 100 yards. Therefore, using a quality, calibrated sight, the point of bullet impact may be shifted in any desired direction by a predetermined amount. If, for instance, you are shooting at 100 yards and your bullets are striking three inches low and four inches to the right of the desired impact point, a three minute upward elevation correction and a four minute left windage

change should put your next shots in the bull. Remember, a minute-of-angle represents one inch for every 100 yards of range distance; at 50 yards, a one minute shift will move the point of bullet impact $\frac{1}{2}$ inch, but the same one minute shift will move the point of bullet impact six inches at a range of 600 yards.

The dials of the better micrometer-adjustable sighting devices are clearly marked, as to the direction they must be turned. The direction of bullet shift will follow the direction in which the sight is shifted; "up" the sight, and you "up" the point of impact. In the case of a front sight, however, exactly the reverse is true. To correct a left-shooting rifle, the front sight must be moved to the left. A rifle which shoots high (provided the rear sight is set as low as possible) requires a higher front sight.

I know of no worthwhile sight which has calibration marks coarser than $\frac{1}{2}$ minute, and $\frac{1}{4}$ minute reference marks are quite common. The better sights are provided with a positive, easily-felt click as they are turned past each division. This feature is quite helpful in making accurate and fast sight adjustments.

We've seen here some of the advantages of the peep over the open sight, but there is still one more. The open sight's practical usefulness is limited to the one person who has adjusted it. Aperture sights may be seen slightly differently by different persons, and each may get a group center somewhat removed from that of another person using the rifle. However, if all of the shooters have reasonably good eyesight, deviation among the group centers will be so slight as to preclude misses from this source on large game at reasonable ranges. Open sights, on the other hand, are seen so differently by different persons as to make the usual open-sighted rifle virtually useless to another shooter.

My personal preference for a front sight is the Redfield Sourdough. While it has the same parallel sides of the Patridge sight, the modified upper portion, with its sloping gold insert is designed to catch the faintest trace of sky light. Combining the accuracy of the Patridge with the aiming speed of the gold bead, the Sourdough, in my opinion, obsoletes many other types of front sights.

In rifle sights, only the very best is good enough. Any experienced hunter will prefer a cheap rifle with fine sights to a fine rifle equipped with cheap sights.

FACTORY TO YOU SAVE 1/3

100% DOWN ORDER BY MAIL

World's Lightest Warmest Sleeping Bags

Complete comfort in any weather. Read why most world-famous expeditions and professional outdoorsmen buy BAUER lifetime bags. We guarantee satisfaction. Risk not one cent. COM-PARE! Read how in free catalog.

FREE 84-PAGE BAUER Catalog

BAUER Seattle 72, Washington Dept. X7

5000 FIREARMS BARGAINS

Are you a gun trader? Gun collector? Or are you just plain interested in guns? If you are, you'll profit from reading the bargain-filled columns of SHOTGUN NEWS, now published twice each month. It's the leading publication for the sale, purchase and trade of firearms and accessories of all types. SHOTGUN NEWS has aided thousands of gun enthusiasts locate firearms, both modern and antique — rifles, shotguns, pistols, revolvers, scopes, mounts . . . all at money-saving prices. The money you save on the purchase of any one of the more than 5,000 listings twice a month more than pays your subscription cost. You can't afford to be without this unique publication.

Free trial offer!
Money Back Guarantee.

As a special introductory offer, we'll send you the next issue of SHOTGUN NEWS free of charge with your one year subscription. That means you get 25 big issues. What's more, if you're not completely satisfied, just tell us. We'll immediately refund your money in full and you can keep the issues you already have. Fair enough? You bet! Fill in the coupon below and mail it today!


THE SHOTGUN NEWS G-7
Columbus, Nebraska

Yes, send me the next issue of SHOTGUN NEWS FREE and start my subscription for one year. \$3 enclosed—to be refunded if I'm not completely satisfied.

Name.....

Address.....

City & State.....



ANTIQUE WEAPONS

Don't miss this fascinating 125 page, 1498 photo Catalog. Fill in Coupon, (please print), mail entire ad.

ROBERT ABELS, Inc. 850-U Lexington Ave. New York 21, N. Y.

Send me your Catalog #31 with backgrounds, 1498 photos of old guns, daggers, swords, armor. I enclose \$1 to cover handling and postage.

NAME

ADDRESS

CITY ZONE..... STATE.....



For the First Time in the N.Y. Area

BLU-BLAK RE-BLUEING SERVICE

Unquestionably the world's finest. The only Gun Blue guaranteed in writing for five years. A Hot Bath process that becomes a part of the steel itself—not just a coating—but a beautiful rust proof blue-black finish.

Discounts to Dealers and Gunsmiths

CUSTOM SHOOTER'S CENTER Dept. G-2
3743 White Plains Rd., Bronx 67, New York



WORLD'S RECORD

Established at 1959 Grand American

**16 YD. SQUAD
SHOOTS 500 x 500
FOR A PERFECT SCORE!**

This world's record squad put their confidence in our recoil pad. Perfect shooting be it in the field or at the nation's top competitive meets, calls for a Pachmayr **WHITE LINE**® Recoil Pad.

Designed, manufactured and distributed exclusively by Frank A. Pachmayr since 1932, White Line Recoil Pads are covered by trademarks and patents. Often copied, but never equalled. It costs no more to install the best. Made of 100% oil resistant Neoprene, guaranteed to remain resilient for the life of your gun. A style, model and size for all types of rifles and shotguns. At dealers everywhere. Send for FREE 16-page product brochure.



PACHMAYR GUN WORKS, INC., DEPT. G-7
1220 South Grand Avenue, Los Angeles 15, California

**GUN
BOOKS**

EVERY GUN BOOK IN PRINT

"The Baker's Dozen Plan"
Send 50c for year around bargain mailings
RAY RILING ARMS BOOKS CO.
Dept. G, 6844 Gorsten St., Philadelphia 19, Pa.



New SELF-STICKING TARGET PATCHES

The NEW Way to Patch Targets—
No licking—no muss or fuss—
Just pop out and stick on!

WRITE FOR CIRCULAR

TIME PRODUCTS COMPANY

Division of Professional Tape Co., Inc.
385D Burlington Rd., Riverside, Ill. 60546

GUN RACK

(Continued from page 14)

would like to report on the reloadability of these shells. We broke our shipment of test ammo into two lots, one was used by us, another shooter took over the chore of shooting and loading, and more shooting and more loading on the other five boxes. He used the trap loads on the trap field, then loaded his shells for skeet, while we continued to load our hulls for trap. First case failure was encountered on the 10th loading by us, on the 11th loading by the other shooter. Both "failures" were minute cracks at the mouth, and these cases were then segregated. Two of them were reloaded five more times, but another case failed completely at the third loading—all in all, 14 loadings before the first failure occurred that made the hull un-reloadable. The test is still going on, and we shall report on it as soon as hulls are non-reusable. All in all, the new W-W hulls have lived up to their expectations.

German Rifles, Shotguns

The Benet Arms Co., 977G Filbert St., San Francisco, Cal., recently submitted one of the German guns they are now importing for extensive tests. These guns are made by the Hege Jagd-u. Sportwaffen Company, and the samples we examined as well as the test gun, looked extremely good. The test gun, a rifle-shotgun combination chambered for .222 Remington and 20 gauge, handled like a dream and would, in our opinion, make a fine turkey gun. The best news about this gun lies in the fact that additional barrels in a wide choice of calibers and gauges are available, thus making it possible for the owner to have extra barrels for the widest possible choices of game, for trap, and for skeet. Write to Benet Arms for the folder—you'll be pleasantly surprised at the fine arms and the reasonable prices.

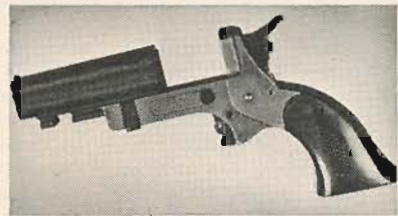
Chicago Derringer

This modern replica of the Sharps four-barrel pistol has a new safety feature. In order to slide the barrel, or rather the barrels, forward, a safety latch on the right side of the gun must be flipped, and the hammer must be moved rearward to the half-cock position. The gun also has an extractor that removes the four fired cases easily and speedily. Chambered for the .22 LR cartridge our test gun was fired with various lots and makes of ammo. Grouping was good, though of course not on a par with a target



gun, and the gun functioned well. In all, 300 rounds of ammo were fired to see if the gun would remain tight, and extract the empties. The gun showed no wear and tear, groups remained the same. The grips of the Chicago Derringer are made of a tough plastic, and

though the gun is not highly polished or blued, it has a very pleasing appearance. Your gun shop will have these guns, and if



you want one, your gunsmith can order it from the Chicago Derringer Corp., Box 54G, Bensenville, Ill. The retail price of the gun is \$34.95.

The Remington 600

When rumors about a new Remington rifle reached us, we made a small bet about it. The bet was that this new rifle would be an offspring of the XP 100 pistol, and we won the bet.

The new carbine weighs in at 5½ lbs. and was designed for scabbard use and brush hunting. Originally, the Model 600 will be chambered for the .308 Win., the .35 Rem., and the .222 Remington, and other calibers are to follow. The first thing that hits the eye is the plastic ventilated rib on top of the short barrel, and the dogleg bolt handle that comes straight from the XP 100. The stock, though shorter, is a derivative of the Model 700 stock, from the impressed checkering to the wood finish. There is no bottom-opening magazine, sling swivels are lacking, and the trigger guard is plastic. When our test gun arrived, temperatures were in the low 20's and we stored the gun in the unheated garage to see how the plastic would take the cold. On bringing the gun into a warm room, the plastic gave off with some creaky noises, but otherwise is seemed unaffected by temperature and weather conditions.

The 18½ inch barrel has a one in 10 twist with 6 right hand grooves. The front sight is a gold bead ramp sight, the rear open leaf sight is adjustable for windage and elevation. The sight radius of 13½ inches gives you the feeling of looking down a Buntline barrel, and scope mounting requires removal of the rear sight. The barrel is free floated, and the trigger of the test gun broke without backlash or creep at 2.5 lbs. Bolt removal is more complicated than on other Remington guns and it takes some practice to remove the bolt easily and without fuss.

We used Jr. XP 100 Redfield mount and the recently released 2X-7X Redfield scope. When we mounted the gun to the shoulder with the factory sights in place, it became obvious that the scope would have to be mounted as much forward as possible since the stock was somewhat short for us. Consequently, we placed the scope rings as close to the variable power ring as possible, but despite this precaution, the recoil of the gun from the bench was enough to knock our shooting glasses awry every time we pulled the trigger. Although

(Continued on page 56)

JAR IT! THEN USE IT!

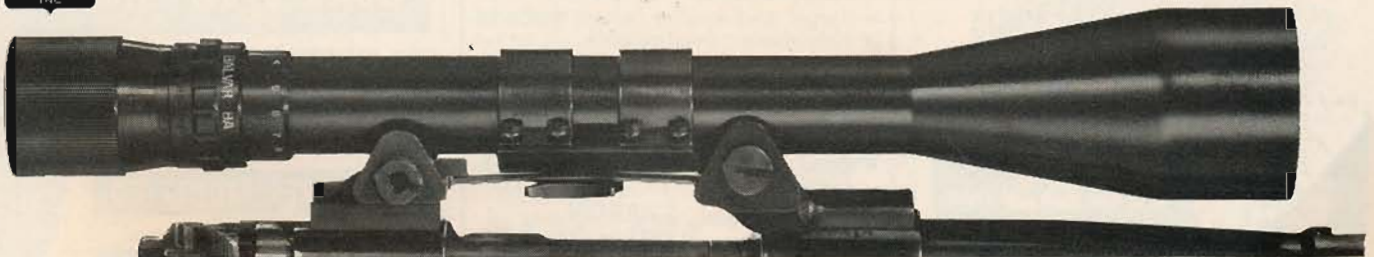


SUPER TOUGHNESS AND B&L QUALITY AT \$49.95

To test a mount you would never take swings at this fine new scope with a hammer but we did — repeatedly — to be sure that the mount maintains zero, even under toughest handling and strongest recoil! Where other scopes would be right off target, the new V-design of B&L mounts keeps scopes continually in zero, even when switched from one rifle to another! We not only jarred them . . . we scraped them, froze them, baked them, soaked them and dropped them. They performed beautifully after all this torture. Here's the kind of scope you've wanted for years — a wonderful combination of the finest American-made instrument quality, and hard, tough design at new low prices. New alloys, new lubricants, and new production methods have made it possible to give you scopes that stay in mint condition for a lifetime. You can't buy better optical or mechanical quality at any price. Your dealer can tell you why the shooting world is so excited about these new B&L scopes. There's a 2½X or 4X at \$49.95, 2½X to 5X at \$79.95, and a 2½X to 8X at \$99.95. For 85-page manual, "Facts About Telescopic Sights", send 25¢ to Bausch & Lomb Incorporated, Rochester, New York 14602.

BAUSCH & LOMB

MEMBER OF THE
NATIONAL
SHOOTING
SPORTS
FOUNDATION
INC.



YOUR GUNS DESERVE
RCBS
PRECISIONEERED
RELOADING EQUIPMENT

Reloader Special



MEMBER OF THE
NATIONAL
SHOOTING
SPORTS
FOUNDATION, INC.

SAVE
\$510

RCBS "JR" PRESS

Ample leverage for case forming, full length resizing, bullet making and swaging. Includes "Jr" Press, Primer Catcher, Removable Head-Type Shell Holder, Head and Universal Primer Arm, plus your choice of one set of Reloading Dies in the following calibers.

22 Var (22-250) / 222 Rem / 222 Rem Mag / 243 Win / 6mm Rem / 257 Roberts / 264 Win / 6.5x55 / 270 Win / 7mm Rem Mag / 284 Win / 30 Carb / 30-30 WCF / 30-06 WCF / 300 Wby Mag / 300 Win Mag / 308 Win / 8x57 (8mm) / 221 Rem / 256 Win / 9mm Luger / 38 Spec / 357 Mag / 44 Mag / 45 ACP. Ask for the RCBS "Reloader Special" and specify caliber. Reg. \$45

\$39⁹⁰

JR PRESS less Reloading Dies. Specify Caliber **\$3150**

JR PRESS less Universal Primer Arm, Shell Holder Head, Dies. **\$2610**

Slightly Higher in Canada

Buy from your gun dealer and be sure!
write for FREE CATALOG!



RCBS INC.

DEPT. E-19, P.O. BOX 729
OROVILLE, CALIF. 95965

(Continued from page 54)

we are not especially prone to recoil, we felt that kick of this gun more than that of another .308 Winchester that we took out for comparison. The 150 gr. Remington Core-Lokt ammo, lot B23GD, on the first go around gave us groups of 1.75 inches at 100 yards in repeated 5 shot strings. Temperatures were hovering around 25 degrees, and shifting winds averaged 15-20 mph. Another session at the bench, with almost no wind and slightly higher temperatures produced some unexplainable groups. Out of the first five shot string, the first two bullets hit the target less than 0.25 inches apart. The third shot registered 4 inches away from the first two shots, and we called this as pulled. However, the fourth shot was right next to the third shot, and the fifth shot in the string was again 3 inches to the right of the third and fourth shot. The obvious answer was a loose scope or bedding screw. We checked all screws, found them to be tight, and blamed the group on human failure. However, five different five shot strings produced almost identical results, and we were unable to duplicate the 1.75 inch group that we shot the first time. When we ran out of Remington ammo we switched over to Federal ammo, but groups did not improve. We finally went to our loading bench and cooked up some .308 loads, using brass that had been saved from the factory ammo that was fired in this gun. Using Speer's 150 grain bullets and CCI 200 primers, we weighed each charge of H380, and seated the bullets after weighing and miking each. Groups improved only slightly, and best groups measured just under two inches, center to center. Since this gun was not designed as a long range gun but as a handy brush gun, we feel that accuracy need not be MOA, although it is of course nice to be able to boast about tight groups. Our test gun was an early production rifle, and the few bugs that might have got into some of the earlier guns will have been ironed out by the time you get your Model 600.

Cannon Models

There has been a considerable interest by the do-it-yourself gun tinkerers in making cannon models. The how-to and plans are now available from Verheul and Brake Models, 9055G East Ave., R-12, Littlerock, Cal. Complete plans and how-to instructions for building four different types of Civil War cannon are offered at \$9.95 ppd., and Fred Brake guarantees that the end result will be 100 per cent authentic. We are building one of these models, and although we are not overly skilled in model making, the job is

coming along very well and we anticipate no trouble whatsoever. All in all, it looks like that making these models is going to be real fun, and Fred offers some help in form of advice; the company can have cannon barrels cast for anyone who wants to have the job done.

Winslow Rifle

The Arms Division of the Winslow Company, Box 1507G, Venice, Fla., recently shipped us a custom rifle in caliber .243. The company makes extremely fine custom-grade rifles in all U.S. calibers, and workmanship of the guns we examined was outstanding. Built on FN actions, the barrels are finely



streamlined and uncluttered by useless factory sights, finish and inletting are of the highest quality. Before mounting a Redfield scope, we took the gun apart, and detailed examination led us to believe that these guns are hand finished. Prices start at \$265, and although this might appear a bit steep, I am convinced that the gun is worth every cent.

After fitting a Redfield 2X-7X on the Commander, we took some Federal and a couple of boxes of C-I-L ammo to the range. After one fouling shot, the Federal ammo fired four 3 shot groups that measured on the average just over 0.65 inch, while the C-I-L ammo groups average 0.70". We had some handloads along, but weather conditions made further shooting impossible. We got permission from John Winslow to retain the gun for some months to see if the extreme humidity would, in any way, affect the bedding of the rifle. This was done since we have had the experience that tightly fitted fore-ends often warped in this climate, and a number of our personal guns had to be free-floated to relieve fore-end pressure so that some resemblance of accuracy could again be achieved. Write to the Winslow Company for their folder—and if you have a special stock design, they can make it up for you. Special inletting and checkering is also available.

SHARON RIFLE BARRELS Formerly (BUHMILLER)

- Precision cut rifle barrels in all calibers, 22RF to 50 Cal.
- Target and special barrels made to customer's specifications.
- Same day shipment on standard barrels.
- Complete rebarreling and custom gunsmithing service.
- Send for FREE list of barrels & services.

J. HALL SHARON

R.R. #2

Kalispell, Montana

FREE CATALOG

"Quick-Draw" Holsters

- CUSTOM MADE
- THE BEST
SINCE 1897

S. D. MYRES SADDLE CO.

P. O. BOX 9776
EL PASO, TEXAS ZIP CODE 79988



BECHUANALAND LIONS

(Continued from page 25)

a good lion, he could eat it.

Andrew still insisted on camping as far away from the Bushman hunting groups as possible, so we took Kweri in the hunting car and moved northwestward another 20 miles. It was amazing how much game we saw along the Kwaai. In a single day, and by actual count, we saw over a thousand animals of 15 different species. It was no wonder that the Bushman hunters came into this paradise. Our Bushman friends hadn't killed all of the lions either. The first evening in our new camp, just as the moon was coming up, we heard a series of roars. "Tao, tao," said Kweri and nodded his head in satisfaction.

Andrew and I had dealt with lions before and these Kwaai lions were going to be our meat, or rather, Kweri's meat, in jig time. I shot a very nice sable with a 43 inch head and a waterbuck which will probably go into the records. In two days of scouting, we had found the signs of about eight lions with one tremendous male apparently the king of the pride. The lions usually watered on the far side of a lagoon or at another place a couple of miles up the Kwaai that we called Sable Lagoon. We hung up the sable carcass at one place and the waterbuck in another in classic safari fashion.

We hung the baits just right so that wherever the lion pride came down to drink, the easterly wind would carry the delicious scent of rotten sable or stinking waterbuck to their nostrils. That night we heard the pride roar about a mile up the river.

In the morning we cautiously approached our baits just at daylight. There were lion tracks around both carcasses. At the waterbuck we could see where old Kwaai himself had walked right up to the bait, reared up and raked great chunks of bark out of the tree trunk. He hadn't touched the meat.

Kweri had managed to convey to us, with a great deal of difficulty, that Bushman hunters always tracked the lions, found them asleep during the middle of the day, then shot them with a poisoned arrow.

Our two gun bearers in Andrew's retinue, Sungura and Legiria, were accomplished trackers, but Kweri was the lion man. As we followed the huge imprints of old Kwaai, Kweri smacked his lips from time to time

and muttered Bushman prayers to the god of all lions to let us have a look at the big cat. With difficulty we persuaded Kweri to leave his muzzle-loader at camp, and Sungura and Legiria also were unarmed. I had the feeling that I was hunting over three well-trained dogs. They cast ahead of me, bent over, ranged in half circles looking for tracks like well trained pointers. Andrew had cautioned me not to look down. I held my Weatherby .300 Magnum at the ready, walking and looking at every bush and clump of dry grass as we went.

"Remember," Andrew had said for the tenth time, "when we see him, he'll either charge or run. We've got to see him first."

We didn't though, and it was my fault. On the morning after we had successfully baited the crocodile, we heard old Kwaai roar about four in the morning. At daybreak we were on his trail. Muddy water was still seeping into the splayed imprints where the old monarch had squatted to lap up water.

I clutched my rifle tightly and stalked ahead as our three trackers followed the imprints across the open meadow, at the lagoon's edge and into the brush. An hour later we were still tracking. Another hour later, we ran headlong into a herd of two or three hundred buffalo coming to water. We had to detour to get around them. Apparently old Kwaai had done the same. It took a long time to find his tracks again. By this time the sun was high and many animals were coming down the game trails to drink. We lost the track again and again. Twice I found the track myself. Each time I looked down, Andrew prodded me from behind and pointed ahead. A minute later, I looked down again. Andrew punched me from behind and pointed. In the game trail 50 feet away stood the lion. Legiria flattened so I could shoot over him. The lion's head looked like a haystack, his mane was blond over his eyes and black farther back. I raised the gun. Old Kwaai turned sideways. In a single leap, he was gone. I leveled my sight on his tail as it disappeared in the brush.

Andrew quickly sent Sungura up a tree. Sungura indicated that he could see the lion moving away. Then he signaled he could see

(Continued on page 60)

FREE!

WINGSHOOTER'S HANDBOOK

Learn new facts about shotgun shooting, shotgun chokes, and how they help you. New Poly-Choke models and Ventilated Rib illustrated.

Write to POLY-CHOKE
794 Tunxis St., Hartford 1, Conn.



NEW Poly-Choke

M1928A1 SUBMACHINE GUN

Actual Size Replica



\$29.95

THE PERFECT DECORATOR FOR DEN, BAR, OR GUN ROOM

- Receiver & Barrel of Cast Aluminum
- Beautifully Anodized Black
- Authentic Wood Stocks
- Real Detachable Clip
- Genuine Rear Sight

EDWARDS-BARNES CAST PRODUCTS CO.
5244 Elm, Houston 36, Texas
(Add \$1.50 for Shipping and Handling)



PRECISION VERNIER CALIPER

for inside, outside and depth, with both metric and inch scales. Metric: 1 mm with vernier 11/20 mm. Inch: .025" with vernier .001". Overall length 8", capacity 5 1/4".

For taking instantly, accurate measurements — up to 5" or 150mm — of gun parts, tools, reloading dies, cartridges, etc., the quick change vernier caliper is an indispensable precision tool to every am. & pro. gunsmith, tool maker, re-loader and collector.

A product of West Germany and made according to the specification DIN 862 to assure top quality. Available in chrome and stainless steel. Supplied with wooden case.

Price: Chrome steel \$15.00
Stainless steel \$17.50

Mail 50¢ for New 1964

Giant 56-Page Gunsmith Supply Catalog

FRANK MITTERMEIER, INC. (Est. 1936)

"Gunsmith Supply Headquarters"

3577 E. Tremont Ave., New York 65, N. Y.

640 ACRES OF WILDLIFE — \$20!

\$20 plus \$6.50 taxes yearly gets you your own 640 acre wildlife hunting paradise near Canadian border. One of the last accessible big game refuges in North America. These are abandoned timber leaseholds (now re-forested), many readily accessible by original logging roads. Thousands of exclusive lakeland campsites. Heavy second growth timber teems with every imaginable kind of wildlife. Including bear, moose, elk, caribou, timber wolves, lynx, wolverines, deer, geese, ducks, muskies, huge northern pike, walleyes, pickerel, rainbow and steelhead trout, maskinonge. One of these secluded hunting paradises can be yours to enjoy for the rest of your life. No other hunting lodge may be erected within at least one mile of yours. Many are over 20 to 50 miles away. Send \$1 (refundable) for maps, pictures, Govt. regulations, official application blank. Director, O.S.C.A., Room 461, 56 Church, Toronto 1, Canada. (Enclosed is one dollar) (refundable) Add 50¢ for rush air mail.

Name
Address
City State

CONSTANT POWER

6 shots at 33ft. with HY-SCORE PELLETS

.22 CAL. TARGET AIR PISTOL

The only custom air pistol that shoots with air rifle accuracy. A full 10-3/4" precision-rifled barrel with the balance and feel of a true target pistol. Super accuracy through constant velocity — a distinctive HY-SCORE feature. Each gun is individually test-fired and checked at the factory for trouble-free performance. Buy the Best — Buy HY-SCORE!

SEE YOUR LOCAL DEALER
WRITE FOR FREE CATALOG



• SHOOTS PELLETS & DARTS

• 4 MODELS PRICED FROM \$19.95

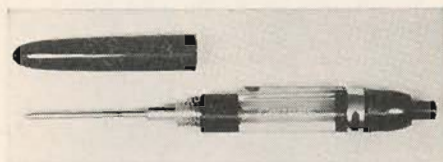
• MOST ACCURATE AIR PISTOL MADE IN U.S.A.

HY-SCORE ARMS CORP.
256 LAFAYETTE ST., BROOKLYN 1, N. Y.

SHOPPING



APACHE RESCUE GUN uses disposable aluminum cartridges which screw into the front end of the plastic pistol. Available cartridges include aerial flares in three different colors, aerial sonic bomb, tear gas, fire starter, fire extinguisher, outdoor insecticide, deodorizer, and animal repellent. Sold only through dealers. The gun retails for \$9.95, and does not require a permit. A special "Apache Survival Kit" with cartridges is priced below \$15. Apache Rescue Co., Inc., 5474 County Road 18, Dept. G-7, Minneapolis, Minn. 55428.



PUSH-BUTTON oil dispenser puts a drop of oil right where you want it. Long nozzle gets into hard-to-reach places in gun actions, reloading tools, etc. Visible oil supply holds 175 drops. Screw-on cover prevents leakage. Price, \$2.00. Hollis-Co., Dept. G-7, 113 Broadway, New York, N.Y.

JUMBO ICE CHEST, made by MonArk Mfg. Co., Dept. G-7, Box 210, Monticello, Ark., is just the thing for keeping food and drinks cold in camp, picnics, or in the car or station wagon. Made of marine aluminum alloy and insulated with a minimum of 1½ inches of polystyrene foam, it is light in weight, and long lasting. Measuring 36" long, 16" high, and 15" wide, the MonArk chest weighs about 22 lbs. Price, \$49.95. Optional foam rubber cushion is \$9.95.

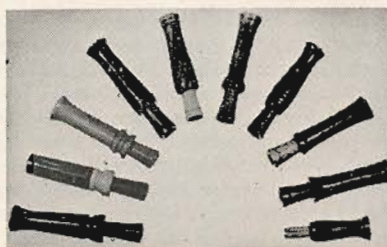


FULLY ASSEMBLED and attractively finished gun cabinets that feature sliding glass doors, are made by Artistic Wood Specialties, Dept. G-7, 828 N. Wells St., Chicago 10, Ill. Among the many styles offered is the 700 Series; in choice of walnut or fruitwood finish. Cabinets for 6, 8, or 10 guns are priced from \$99.95. See your local dealer, or write Artistic for free catalog.

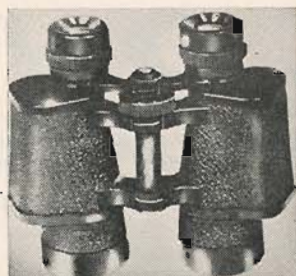
NORM THOMPSON PIONEER knife is entirely hand-made, by one man—Clarence Heath. The quarter inch thick steel blade measures 6½ inches, and the knife is 11 inches over-all. The handle is shaped from costly Coco Bolo wood. Knife, with a saddle leather sheath, is priced at \$35.00 postpaid, and is available only from Norm Thompson, 1805 N.W. Thurman, Dept. G-7, Portland, Oregon.



CANVASBACK CAMPER, made by Mallard Coach Corp., Box 313, Dept. G-7, West Bend, Wisc., captures the flavor of the West. Patterned after the covered wagon, it features prefinished aluminum siding with duck road cover, crank type jack, spacious floor area with linoleum tile covering, and spacious windows. Choice of two floor plans, either model sleeping four people. Basic trailer sells for \$695.00.



P.S. OLT COMPANY, Pekin, Illinois, has a new line of fine hardwood game and bird calls that are hand-made and hand-tuned, by Olt's experts for absolute tonal accuracy. Included in the line are duck, goose, deer, crow, and predator calls. The new Hardwood Game and Bird calls are available at your nearest sporting goods store, and range in price from \$3.95 to \$18.00.

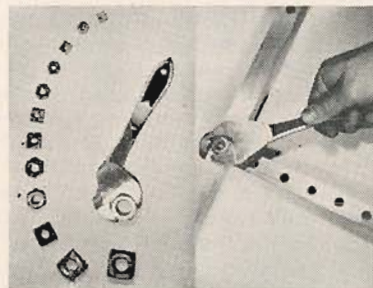


PRECISION MADE binoculars, in the popular 7x50 size, feature color corrected coated lenses, center focus, and come complete with genuine leather case, carrying straps and plastic lens covers. Ideal for spectator sports, hunters, and outdoorsmen. Priced at only \$16.95, from Eckart's, Dept. G-7, 19 Washington Avenue, Port Jervis, N.Y.

NEW, FOUR-PURPOSE SPRAY lubricates, cleans, eliminates moisture, and prevents rust. This new product, called MASK, is supplied in a handy aerosol container that fits into gun case or pocket. The unique penetrating and spreading powers of Mask make it ideal for use on trigger and ejection mechanisms. It is resistant to salt water, will not thicken in cold weather. A product of Corrosion Reaction Consultants, Inc., Dept. G-7, Limekiln Pike, Dresher, Pennsylvania.



SHOTSHELL RELOADING is simplified with the new Pacific Wad Column Indicator. Made in 12 gauge only, it determines the exact wad column length needed with any powder load. It also indicates proper shot level for perfect crimp. Made by the Pacific Gun Sight Co., Box 4495, Dept. G-7, Lincoln, Nebraska, the Wad Column Indicator sells for \$2.50.



JUST A FLICK of the wrist is all that is needed to tighten or loosen the "Flikit" wrench. The jaws close automatically on any size nut or bolt. The Flikit wrench is made of the finest imported steel and comes in two sizes to handle any work from 3/16" to 1 1/8". Special Introductory offer brings you both sizes for only \$5.00 prepaid (a \$7.20 value). Cushman Corp., Dept. G-7, 1225 Utica Ave., Brooklyn 3, N.Y.

DELUXE OUTDOORSMAN sporting glasses are made of shatterproof Dow plastic. They feature a brow rest which permits them to be worn over prescription eye glasses; adjustable temples; universal bridge which fits all faces and panoramic lenses for an unobstructed field of view. Glasses are available in green, amber, or clear, and are priced at only \$3.00 prepaid. From United Binocular Co., Dept. G-7, 9043 S. Western Ave., Chicago 20, Ill.

WITH Guns

THREE NEW SHOTGUN POWDERS grace the line of B.E. Hodgdon, Inc., Dept. G-7, Shawnee Mission, Kansas. These are: Top Mark, for light field and trap loads; HS-5, a heavy field load spherical powder, and HS-6, a dense spherical propellant for magnum loads. Complete details on these and other famous Hodgdon powders on request.



LITTLE CHIEF CAMPER provides off-the-ground sleeping for six people. This rugged camp trailer is made of heavy duty 16 gauge steel, comes equipped with 10.10 ounce Otis Permasol tent that is waterproof, preshrunk, mildew resistant. Tent features plenty of windows and contoured corners that overlap the bed boards by three inches. The Little Chief is easily converted to a utility trailer. Price, \$424.50. Norjack, Inc., Dept. G-7, 600 S. 108th St., Milwaukee, Wisc.

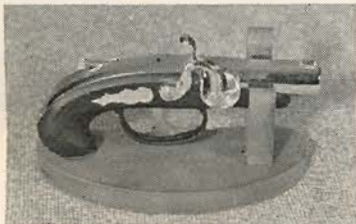
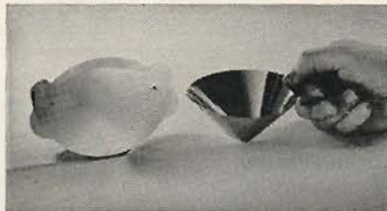


TABLE LIGHTER in gleaming chrome and black is perfect for den or cocktail table. The authentically styled percussion pistol lights with a flick of the trigger. Comes gift boxed with oak stand. Price, \$5.95, or two for \$10.00 from Ballard Unique Imports, Dept. G-7, 310 Berkeley Ave., Evansville 10, Indiana.



MINIATURE GUN COLLECTION includes eleven famous firearms. The guns are mounted on a perforated display board which has an engraved plate with the owner's name. Complete collection sells for \$12.95 and includes such famous guns as the Winchester 94, Luger, Remington Derringer, and Savage 99. From Faron International, Box 7065, Dept. G-7, Walbrook Station, Baltimore 16, Mo.

HAVE YOU EVER HEARD the distress cries of a dying crow? Johnny Stewart, Dept. G-7, 925 N. 22nd, Waco, Texas, has recorded this and it is the most effective means of crow calling you have ever heard. It can be played on any phonograph, but was designed for use on Stewart's "Electri-Call." The record is priced at \$4.95, and complete details on all of Stewart's equipment is available on request.



STAINLESS STEEL CUP weighs only two ounces, and holds four ounces of liquid. This amazing cup folds as flat as a hankie, yet snaps open with a simple twist of the thumb. Called the Bob Lane Cup, it sells for \$1.00, from Bob Lane, Dept. G-7, 2 Featherbed Lane, Branford, Conn.



NEW TENT, IN SHAPE OF a quonset hut, features a lightweight aluminum frame that is easily snapped together and slipped to the outside of the tent. The 9 by 12 foot tent can be erected in 15 minutes. The tent features two large, nylon-screened picture windows, and canopy over the screened and zippered front door. There are no inside poles to get in the way. The standard Model "Americana" sells for \$130. From: R. A. Humphrys' Sons, Inc., 1241 Carpenter Street, Dept. G-7, Philadelphia, Pa.



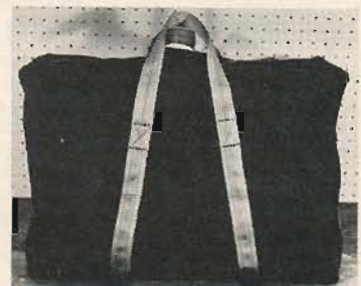
NEW DISPENSER for .22 RF cartridges is made of rugged Cylolac in bright yellow color. It holds a full box of .22 Long or Long Rifle cartridges and feeds one shell at a time into the shooter's hand as the dial is turned. Made by Flambeau Plastics Corp., Baraboo, Wisc., it is available at most sporting goods stores for only \$2.98.



OWNERS OF THE International Scout are offered the new Linn Camper. Fabricated of welded steel sections, the Linn Camper fits snugly onto the Scout body. Sleeping bunks accommodate two people, and the cabin is fitted with an ample water tank, ice box, two burner LP gas stove, and overhead 12 volt light. For additional information, write: Stack Truck Inc., Dept. G-7, 120 N. Linn St., Convoy, Ohio.



PAULIN INFRA-RED Heater and Cooker completely eliminates smoke, odor, and fumes. Unique heat converter uses bottled gas to heat tents, cabins or trailers with safety, or to quickly cook an outdoor meal. One standard 14 ounce cylinder of gas will operate the heater from four to six hours. The Paulin Portable Infra-Red Heater and Cooker is available for \$24.95 from your dealer or direct from: Paulin Infra-Red Products Co., Dept. G-7, 2536 St. Clair Avenue, Cleveland, Ohio.



ALASKA CARRY-ALL bag is made of durable, extra heavy, water repellent 100 per cent duck. Two heavy duty zippers extend across the top, and half way down the sides, for easy access to any article. Bag is 20 inches wide, 15 inches high, and 9 inches thick. Five inside pockets keep smaller items handy. Handles, of 100 per cent cotton webbing, extend completely around bag for added strength. Price: \$9.95 postpaid. Alaska Sleeping Bag Co., 334 N.W. 11th Ave., Dept. G-7, Portland, Oregon.

(Continued from page 57)

six other lions. Sungura told us that he could see the lions clearly. There were three lionesses and three cubs. Sungura added that old Kwaai was the biggest maned lion he had ever seen.

The next morning we heard the lion roar and heard his females answer in the dis-

ance. We thought we could hear a strange voice in the predawn chorus. When we walked along the edge of the water above Sable Lagoon, there were old Kwaai's tracks in the mud and on one side, the imprints of another large male. Old Kwaai had come back out of the swamps some time during the night with either a friend or a rival.

As we stood whispering in the dawn light, old Kwaai roared just behind us. I clutched the rifle and swung around. Andrew waved his arm to the three trackers and we moved off towards the sound. We soon found the imprints of the two males, and again we heard them roar. First one sounded a low rumbling cough. Then the other answered.

We moved up quickly. I held my rifle forward over the backs of the trackers as they signaled to each other as first one and then another found the track and moved ahead at a quiet trot.

Just over Legiria's back I saw a movement. I stepped forward and thrust my rifle through the brush. Just beyond was a lion. He was perhaps two feet long and spotted. He jerked his head around with inquisitive eyes and ears, and I hissed at Legiria. I motioned to the others to stop. Just beyond the first cub was another, walking slowly, and just beyond that was a large lioness. Somehow we had walked into the main pride.

We crouched behind the bush and waited several minutes. Sungura went up a tree. From a low crotch he motioned that he could see the lions and they were lying down. Sungura dropped silently to the ground and told us in whispers that old Kwaai and the other male were not with the pride.

We backtracked, began a wide circle. In a few minutes we found the trails of the two males.

It wasn't that I relaxed or forgot to keep a vigilant watch ahead. It was getting hot and we were tired from the tension, and several times Sungura scaled a tree to look ahead. The two lions were following an elephant trail and seemed to be going somewhere. We had already tracked them four or five miles from the water. As the hours wore on, the tracks continued along the same elephant trail. We fell into single file. Kweri was first. I was second with my rifle barrel still thrust forward. Sungura and Legiria were behind, Andrew brought up the rear.

There was a movement behind me. A rifle barrel punched my shoulder. I half turned. Andrew pointed with his gun beside us and behind. There was old Kwaai, fast asleep and not 20 feet away.

"Shoot him!" said Andrew in a hoarse whisper. Mechanically I raised the rifle. In that second old Kwaai raised up. I jerked the trigger. The bullet knocked the lion flat. With a rumbling growl, he got to his feet and lurched for us. I cranked another shell into the chamber and fired with the same movement. The shot knocked Kwaai backwards. Again he reared up. I bolted the third and last shot into the chamber and fired at the base of his neck. He still stood on three feet. Andrew raised his double rifle. Old Kwaai reached forward, grasped a small tree between his teeth, bit it off, and died.

It seemed only minutes after we had shot old Kwaai that a couple of strange Bushmen showed up. At the rustle of sound we whirled, thinking it was the second lion coming to help his friend. One of the Bushmen carried a comparatively modern Winchester rifle. The two new arrivals clicked happily with Kweri about the coming feast.

"Next safari, I'm going north to the Cevauti," Andrew muttered to no one in particular. "There are too many guns along the Kwaai."

Full cheek piece and Monte Carlo Comb



RESTOCK WITH A ROYAL

High quality colorful walnut, cherry, myrtle, and maple with FANCY HARDWOOD TIPS AND CAPS. Stocks for most popular rifle models. No carving on the butt. RH \$35; LH \$40. Fieldweight recoil pad installed \$8.50. Postage \$1. See your gun dealer or write for color catalog.

ROYAL ARMS, INC., 10064-G Bert Acosta St., Santee, California 92071



If You Like to Hunt or Shoot YOU BELONG in the NRA

All These **NRA MEMBERSHIP BENEFITS** *for Only Five Dollars*
A Year's Subscription to THE AMERICAN RIFLEMAN MAGAZINE



The world of guns and shooting is thoroughly covered in The American Rifleman, sent to you each month as one of your NRA membership services. You'll keep abreast of shooting and hunting activities; relive firearms history; learn the practical use of guns for more fun the year around. You'll read about rifles, pistols, shotguns; hunting and target shooting; gunsmithing and gun collecting; reloading and related subjects every month. Especially valuable are impartial product evaluations, based on practical field tests of new products reviewed. Other subjects fully covered include articles on how to buy, shoot and care for guns; where and how to hunt; amateur gunsmithing and reloading methods; firearms legislation proposals, the top authority on guns and shooting.

Annual Membership in the NATIONAL RIFLE ASSOCIATION

Over 600,000 hunters and shooters—the members of NRA—invite you to join the National Rifle Association and enjoy the many benefits reserved for members. You'll get prompt answers from our firearms Information Service; gun law bulletins; information on how, when and where to hunt and low-cost gun insurance; an opportunity to purchase from the Army such firearms, spare parts and military targets as are made available for sale to NRA members at cost-to-government prices. You can participate in year around shooting programs and be eligible for marksmanship instruction. In addition, NRA will introduce you to a rifle and pistol club in your community, or help organize an NRA club. And your support will help preserve the right of free Americans to own and use firearms for lawful purposes.



Please enter my subscription to THE AMERICAN RIFLEMAN, enroll me as an NRA MEMBER and send my lapel button.*

- \$5.00 Enclosed
 Bill me please

NAME.....AGE.....
 ADDRESS.....
 CITY-STATE.....

NATIONAL RIFLE ASSOCIATION 603-07
 1600 Rhode Island Avenue, Washington 6, D. C.
 *Confirming application & details will also be mailed.

Bonus!



Join NOW! and receive this gold-filled NRA membership lapel button. Sells regularly for \$1.50—yours at no extra cost.

MAIL THIS APPLICATION TODAY!

EARLY GUN TRADE OF THE WEST

(Continued from page 20)

not be surpassed and in many cases might not be equalled by imports from the East or the Old World. This should not be surprising because some of the finest craftsmen of the East, having learned their trade in Rochester, Boston, Philadelphia, or other eastern gun-making centers, were now transplanted to western soil.

When we speak of the western gun trade, we have to break this down into three classes. There were the men whose skill was primarily that of a gunmaker and who could turn out a complete gun or pistol from wood blanks and bars of iron; then there were men who divided their time between making up a few guns, repairing guns, and selling some of the manufactured products of the larger gun manufactories; the third class were the merchants who carried a large stock of weapons imported from the world's manufacturing centers and who were strictly deal-

by these and other California makers of caplock arms, as well as those few who worked up in Oregon territory, I reserve for special mention three men whose work could not be excelled anywhere, East or West. The most versatile was Charles Slotterbek, who appeared on the San Francisco scene about 1859. He was a native of Wurtemberg, Germany, and became a United States citizen in 1861. Give Slotterbek a bar of steel and a plank of wood and he could build any kind of gun you wanted. Examples of his beautifully wrought derringer pistols, target pistols, and rifles now in collections give a positive record of his artistry and skill. Added to his craftsmanship, Slotterbek was an inventor. Among the patents granted to him were No. 84,224 for a three barrel gun in 1868, No. 208,765 for an offset scope mount on lever action rifles in 1878, and on October 5, 1880 he was granted a patent on a beauti-



Five western favorites, top to bottom: Spencer rifle with Plate barrel, Henry rifle, 1866 Winchester, a Model 1873 Winchester, a 1876 Winchester with Slotterbek scope mount.

ers—some of these men served as special distributing agents for the various major manufacturers. A few of the leading eastern gun supply houses like Schuyler, Hartley, and Graham opened branches in San Francisco.

The western gun trade busied itself at first with caplock arms. The day of the flintlock was past and most of those original flintlock guns which remained in use had been changed over to employ percussion caps. After the War Between the States, cartridge arms soon began pushing the caplock arms into the discard. But the caplock era saw some exceedingly beautiful rifles come from the benches of the California gunmakers. Among the numerous makers of fine caplock guns were Bach, Browning, Flohr, Hellinghaus, Kersey, Kingsley, Jenner, Klepzig, Koppekus, Lagoarde, Leonard, Liddle, Nordheim, Schneider, Severin, Smith, Van Vlear, Villegia, and Wilson.

Without detracting from fine work done

fully designed break-open cartridge rifle. At varying periods in his career Slotterbek worked in San Francisco and in Lakeport, California. When Charles Slotterbek turned over a gun or pistol to a purchaser it was a handsome thing to behold, sure and safe in operation.

Next on this special honor roll in versatility was Benjamin Bigelow. As mentioned, Bigelow was a California pioneer, arriving on the far west scene at the beginning of the gold rush. He was a highly skilled gunmaker at the time of his arrival. The beautiful and rare double barrel cylinder rifle illustrated here, bearing his earliest Rochester address, attests to that fact. This was Bigelow's own personal gun and had been owned only by him and his nephew before it became the property of a prominent Sacramento doctor; the gun was recently added to the author's collection.

No record has been found of Bigelow's making double barrel cylinder rifles in Cali-



Only Herrett's stocks are made to your hand pattern!

Every shooter's hand is different. That's why Herrett's made-to-measure stocks help your shooting... they're made for you! Write direct to me for free literature.

NEW! Smoothline Jordan holsters and belts.

Herrett's STOCKS

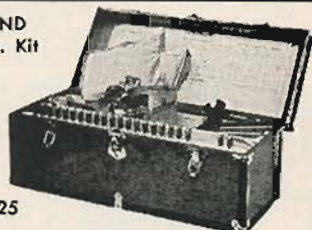
BOX 741
TWIN FALLS IDAHO

NEW MARK III BSA. MARTINI INTERNATIONAL .22
Caliber Target Rifle, the Supreme in Accuracy, comfort and workmanship, for **RIGHT HAND or LEFT HAND** shooter, without sights.....\$210.00
12" Lightweight or 14 1/4" Heavyweight Model.

FREELAND
30 Cal. Kit
\$13.50

A4
SMALLBORE
KIT 31"
\$18.25

48" RIFLE
TRUNK \$26.25



KNEELING PAD \$5.25
Med. Sunshade for
1" Scope \$4.50

BIPOD \$17.50

ZOOM TRIPOD for
Zoom Scope \$16.25

GALLERY BIPOD \$18.90

Standard Benchrest Stand \$20.00
"SUPREME" BENCHREST
STAND \$30.00

Rifle Rest Fork 85c & \$1.20

ALL ANGLE
TRIPOD \$15.25

FORE-END STOPS, except M37 & 52-D. \$ 3.00

Fore-End Stop, 52-D \$4.00; M37..... 3.50

FREELAND Tube Rear Site..... 42.50

FREELAND "AR" Shooting Mat..... 27.00

FREELAND 1/4 opening Acces. Kit..... 20.00

" Foam Padded Shooting Glove..... 5.25

FREELAND Sling Keeper..... 1.25

" Mid-Century cuff Comb..... 8.50

" Dewar Cartridge Block..... 2.55

" **OLYMPIC PALM REST** from..... 15.50

10X SHOOTING COAT..... 20.00

FREELAND "61" Butt Plate..... 33.00

Ruger Mark I Target Pistol..... 57.50

Win. 52-D Target rifle Std. or Hvy.145.00

Rem. 513TR target rifle..... 88.95

Prices Subject to Change Without Notice

ALL GUNS - SIGHTS - GUN CASES - SCORES

RELOADING SUPPLIES

WRITE FOR PAMPHLET—GENERAL CATALOGUE \$1.00

FREELAND'S Scope Stands, Inc.

3737 14th Avenue Rock Island, Ill.



MAGIC
is the name
BLU-BLAK!

A 3 wheel backlog of **BLU-BLAK** gun refinishing was produced in 3 days by a small newspaper ad run by Mathias of West Minister, Cal. The reason—gun owners know about the 3 to 8 years guarantee they get at **BLU-BLAK** Shops—AND WANT IT.

GUNSMITHS—If you are now a success . . . by old school standards . . . you can triple it with **BLU-BLAK**. The record growth is 6000% in 60 days! Join the "growing shops" today.

H. Tom Collord, Pres.

LYNK-LINE GUN PRODUCTS DIV.
Box 3085 GM7, Detroit 27, Mich.





Build Your Own GUN CABINET

It's EASY! With Gunberth Plans & Kits All details on Plans, Kits and Hardware are listed in big, fully illustrated...

"Handbook"—Catalog, which also contains tips on design and construction. Send NOW! Only \$1.00 ppd. (Refunded first \$10.00 order)

COLADONATO BROS. Dept. G-74 Hazelton, Pa.

BUILD A GUN RACK

Modern Bronze Gun Cradle, gold appearance; Neoprene cushion; Deer and Quail ornaments, polished and lacquered. Will hold 100 lbs. Write for FREE Gun Rack plans and brochure.

HERRICK MACHINE WORKS 2426 Holmes St., Kansas City 8, Mo.

POWLEY COMPUTER FOR HANDLOADERS

For any centerfire rifle. \$3.50 at your dealer. Write for description of Large Rifle PMAX pressure gauge. MARIAN POWLEY, 17623 Winslow Rd., Cleveland, Ohio 44120

NEW The first major improvement in cold gun blue in 50 years

GUN BLUE

G-66 Brand Gun Blue is a solid paste you wipe on. Unlike liquid blues, which may produce uneven or spotty bluing, G-66 Brand Solid Gun Blue produces a Rich, Dark, Even Blue, which won't rub off or discolor.

SOLID CREME \$1.98 pp.

G-66 Brand

© JET-AER CORP., PATERSON 4, N. J.

ifornia, but he did make a number of the single barrel seven-shot revolving cylinder rifles at his Marysville shop. He also made fine single and double barrel rifles and shot-guns. A Bigelow gun was greatly prized in the 1850-80 era and is eagerly sought by collectors of today.

Last of the three distinguished California gunmakers whose work is so highly regarded is Horace Hall Rowell. Like Bigelow, Rowell made his appearance early on the west coast, a few years after his brother Gilman who had arrived in 1849. Rowell was a native of New Hampshire. Unlike many other California gunmakers, Rowell developed his gun-making skill to its high degree right in California.

Horace Rowell was a quiet, kindly man, quite satisfied to proceed slowly, always finding time for hunting or match shooting at which he excelled. One of his friends once said, "Horace made his guns for sport and skill, not for holdups, and thus gained but little publicity in the dramatic times in which he lived." Rowell rifles were shooting machines designed for superb accuracy, and mostly for bench shooting. The author's specimen was made by Rowell at Sonora, California, in 1876 and weighs twenty pounds. It is as fine as any of the renowned New England or New York match rifles of the Brockway, James, Ferris era.

It should perhaps be mentioned that fire-arms were used in many ways by men of the far west. The primary functions of guns were to provide self protection and as game get- ters, but there developed a great interest in competitive match shooting. Guns being such

important tools in man's everyday life, skill with them became a matter of necessity and great pride, and competition in shooting matches became very keen. As early as 1853, the Sacramento Swiss Rifle Club was formed, and with the years target shooting experi- enced a great upsurge. San Francisco alone finally had thirteen shooting clubs affiliated with the *Nationaler Schuetzen-Bund*, a na- tion-wide organization of target shooters.

We shall now turn to the gun dealers whose business it was to supply (as adver- tised by A. J. Plate): "Double barrel guns, rifles, pistols, gun trimmings, powder, shot, lead, and caps."

Adolphus J. Plate was in on the ground floor when it came to dealing in guns, arriv- ing at San Francisco in 1849. Like Slotter- bek, he was a native of Germany. After a small start, by 1855 he had built his business to sizeable proportions and was firmly estab- lished as an importer and jobber of arms and ammunition. The Plate firm prospered under Adolphus Plate's direction for many years, and was continued by his sons after his death. As an indication of their large stock of merchandise, there is in my file an 1877 letter written to the Sharps Rifle Mfg. Co. in which Plate mentions having on hand two hundred Sharps "linen" carbines. The "linen," of course, refers to the linen car- tridges used in early caplock Sharps guns prior to metallic ammunition.

Plate's most serious competition was from the firm operated by Nathaniel and Charles Curry, founded in 1852. The Currys came from Philadelphia, where they had previ- ously engaged in the gun business. There was great rivalry between Plate and Curry not only in serving the trade, but also in obtain- ing favorable exclusive agencies for the arms of eastern or European manufacturers.

With the years, rivalry among western gun dealers became more keen. Among other firms to come on the scene were Claybrough & Golcher, Wilson & Evans, Liddle & Kaed- ing, Macondray & Co., C. D. Ladd—and up in Oregon Wm. Beck & Son and H. T. Hud- son came in for a share of the trade. As the trend drifted from the caplock arms, major trade in the far west involved the Colt and Smith & Wesson pistols, Sharps, Remington, and Winchester rifles, breechloading shot- guns, and all the accessories and necessary components. The Jules Bekeart gun business, progressing from a little canvas-roofed shanty in Coloma, became a prominent gun jobbing firm in San Francisco, representing eastern manufacturers. (To be continued)

CCI MAGNUM PRIMERS

Do
make
a
Difference!



Says Andy Runyan, Northland Hunters, Cooper Landing, Alaska

TRY 'EM! SEE THE DIFFERENCE FOR YOURSELF!

Long duration, high heat flame. Magnum primers assure velocity stability, tighter groups. A must for magnum guns, superb in standard calibers. Write for free Technical Bulletin 102.



Largest Primer Selection for Reloaders
Magnum Primers for High Performance Loads
Superlative Accurate HIGH HIGH Velocity
22 Long Rifle Ammo
Red-Jet Bullets for Indoor Shooting Fun
Power Actuated Tool Cartridges for Industry

cascade cartridge, inc.
LEWISTON, IDAHO

AN EKTOL SPECIAL \$14.75

GERMAN CRAFTED
22 Cal.
Short 6 Shot

- 2 1/2 Rifled Barrel
- Unbreakable Mainspring

All guns test fired.
Black Leather Holster \$1.95.
No COD's. Guns shipped prepaid.
Purchaser must be of legal age.
All Caliber Guns available.

EKTOL CO. 17 W. 540 Hawthorne Lane
Wood Dale, Ill. 60191

GIVE ME A 12 GAUGE

(Continued from page 21)

This old timer didn't impress me very much at first. The main reason was his gun: a 12 gauge double of unknown vintage.

"Fine little gun you got there boy," I remember the old stranger saying as I nodded hello. "That 'screwdriver' ain't good for much aside deer and bear here 'bouts." Maybe the old fellow was reading my mind because I was thinking: What kind of sportsman would hunt these big Pennsylvania deer with a lowly shotgun?

"Now this here Betsy... she'll do most anything up right," he said, rubbing the snow off the barrels, and punctuating his remark with a spit into the snow.

Just about then, he motioned me to be quiet—several deer were coming our way. The old man raised his gun and swung on each deer as it came up to a strand of barbed wire on the edge of the woods, paused and then leaped across. Three or four does, then a small spike horn. I expected the old man to shoot because any deer was legal, but he didn't.

Then I saw why. A nice eight-pointer was showing himself. He let the other deer lead the way; run interference for him. When the big buck was in mid-air, the old double exploded, and a one ounce ball of lead went sailing into the deer's shoulder.

That was many years ago, and I have seen many deer shot since that cold December day in Elk County, but I'll be darned if I ever saw a deer hit as hard and fall as fast

as that old man's buck.

The old man looked over to me and smiled a kind of reserved excitement. He said: "Come on, kid, I'll show you how to dress out a big buck."

The old fellow made quite an impression on me. More importantly, in a few minutes he convinced me that there is no more



deadly deer gun going today than a 12 gauge shotgun with a rifled slug, when shooting under 100 yards.

I recalled the old man's advice recently when I received a letter from a 15-year old boy. The youngster wrote:

"Dear Outdoor Editor: I'm only 15 and don't have much money, but I want to buy one gun to use on pheasants, rabbits and deer. My dad says if I do okay on deer and small game he might take me bear hunting, too. Can you suggest a gun for me?"

He had written to me at the "State Jour-

nal" at Lansing, Mich., where I am Outdoor Editor. What was I to tell this young fellow, who went on to explain that the \$40 he had saved came hard—from an after-school job setting pins in a bowling alley?

Of course, the easiest thing would have been to tell him to buy several guns; one for deer and bear, another for small game, and maybe a .22 for squirrels, but I knew he could not afford this.

I suggested he buy a good used 12 gauge shotgun and a variety of shells for it—6's for rabbits, 4's for ducks, 2's for geese, 7½'s for grouse, woodcock and snipe, buckshot for Michigan bobcats, coyotes and foxes, and rifled slugs for deer and bear.

With this one gun, and loads for it, you could no doubt successfully hunt anything with fur or feathers in North or South America, short of the big bears—Brownies and Polars. You would be handicapped on elk and moose, due to the long ranges, especially with elk. However, this is not to say that the one ounce slug would not do the job. Here is where the argument starts. Of course, there are guns better suited for these bigger animals, but remember, we are considering a single "all-round, practical gun."

Let's put it another way. If you had but one gun with which to do all your hunting or, if you could have only one gun on which your life depended—for both food and protection—which would you pick?

In southern Michigan, like in many areas of the United States, game regulations limit you to a shotgun with buckshot or rifled slugs for deer hunting. Legislators have the

HOW MANY OF THESE ISSUES HAVE YOU MISSED?



VOL. 1



VOL. 2



VOL. 3



VOL. 4



VOL. 5

Magnificent Editions of **GUNS QUARTERLY**

... Now yours at one-half off **CLIP COUPON AND MAIL TODAY!**

These five volumes of GUNS QUARTERLY are fast becoming "collector's" copies. Here's your chance to get these luxury editions while limited supplies last. Every issue is a goldmine of priceless reading matter in all fields of gun interest—superlative color lithography, including special gatefold masterpiece of historical gun art. Regular price for GUNS QUARTERLY is \$1.00 each, but you pay only half—50c per copy. Hurry, stocks of some issues are very low and will be exhausted soon, so send your order in today! Mail handy coupon.

Back Issues, GUNS QUARTERLY, 8150 N. Central Park Ave., Skokie, Illinois

I enclose \$_____ for the issues I have checked below @50c per copy.

NAME _____

ADDRESS _____

CITY _____ ZONE _____ STATE _____

Volume 1

Volume 3

Volume 5

Volume 2

Volume 4

G-7c

THE GUN MARKET

Classified ads, 20c per word insertion including name and address. Payable in advance. Minimum ad 10 words. Closing date September 1964 issue (on

sale July 25) is June 7. Print ad carefully and mail to GUNS MAGAZINE, 8150 North Central Park Blvd., Skokie, Ill.

BINOCULARS, SCOPES & SIGHTS

SCOPE MOUNTS—Brochure 10G will help you select the proper mount for your scope and rifle. Write Maynard Buchler Inc., Orinda, Calif.

BINOCULAR SPECIALISTS. All makes repaired. Authorized Bausch & Lomb, Zeiss, Hensoldt, Bushnell dealer. Tele-Optics, 5514 Lawrence, Chicago, Illinois 60630.

BOOKS

BOOKS: You name it—we find it! Gun books a specialty. International Bookbinders Box 3003/G, Beverly Hills, Calif.

ADDRESS COLONEL NEY for his NOTES on GUERRILLA WAR, \$3.50 postpaid. Box 6303, N.W. Station, Washington, D.C. 20015.

LUGER COLLECTORS, shooters, dealers. Illustrated Identification Key to 103 Luger variations. Easy, accurate. First edition, \$2.00 ppd. M. B. Mittleman, Box 266G, Saugatuck Sta., Westport, Conn.

CARBINE MANUALS! Copyrighted revision of Army & AF Technical & Field Manuals, over 170 pages, 120 illustrations, 124 major topics. Rugged manual binding, 6"x9". Covers every aspect of use & rebuilding of all models .30 carbine. Published @ \$3.98, special sale only \$2.98. Norm Mount Armature, Box 211CBGU, Forestgrove, Oregon. Dealers Inquire.

CAMPING EQUIPMENT

SLEEPING BAGS, 100 styles; tent-camping equipment specialist. Send for 96 page catalogue. Morsan, 810-T, Route 17, Paramus, New Jersey.

COLLECTORS

NEW COLLECTOR SERVICE—Rare military books, manuals, war relics, weapons, uniforms, helmets, accoutrements, medals, insignia, documents, photos, paintings, prints. 44 Page Illustrated Catalogue 50¢ refundable with purchase. Peter Hinkka, Historical Americana, Dept. G, 226 East 89th Street, N. Y., N.Y. 10028.

CIVIL WAR and Custer Period Relics, List 15¢. Thompson's, Box 164, Havelock, North Carolina.

FULL SIZE working model 1842 percussion pistol. All working parts precision machined from steel. Side plates solid brass. Gun comes completely assembled and working. You finish sanding stock, polish and blue parts. Complete \$10.00 Postpaid. Stanley Morgan, Box 67, Warehouse Point, Conn.

ENGRAVING

ENGRAVING BY PRUDHOMME. Folder \$1.00. 302 Ward Building, Shreveport, Louisiana.

FISHING & HUNTING

COLLAPSIBLE FARM-Pond-Fish-Traps; Animal traps. Postpaid. Shawnee, 30342 Buena Vista, Dallas 4, Texas

FOR SALE

CANNON FUSE 3/32" dia., waterproof, burns under water; 10 ft., \$1; 25 ft., \$2, ppd. William Zeller, Keil Hwy., Hudson, Mich.

STATE PISTOL LAWS, Booklet describing current pistol regulations of all states \$1.00. Federal Gun Laws Booklet \$1.00. Henry Schlesinger, 211 Central Park West, New York 24E, N.Y.

ATTENTION: COLLECTORS & SHOOTERS. U.S. M1 Garand Rifles Cal. 30-06, Excel.—\$29.95. U.S. M1 Carbine Cal. 30, Excel.—\$39.95. U.S. 1903 Springfield Rifles Cal. 30-06, High Numbers, V.G.—\$39.95, Excel.—\$44.95. Low Numbers, V.G.—\$29.95, U.S. 1917 Enfield Rifles Cal. 30-06, V.G.—\$29.95, Select (Winchester or Remington)—\$34.95, U.S. 1903A3 Springfield Rifles Cal. 30-06, V.G.—\$42.95, German Kar 98K Mauser Rifles Cal. 8mm, V.G.—\$29.95, Select—\$34.95, German Kar 98A Mauser Rifles Cal. 8mm, V.G.—\$29.95, German G. 33/40 Mauser Carbine Cal. 8mm, Good or Better—\$49.95, German G. 98/40 Rifles Cal. 8mm, Good or Better—\$49.95, Czech Kar 98K Mauser Rifle Cal. 8mm W/Wintriger Guard, V.G.—or Better—\$26.95, Brit. Lee-Enfield No. 1 MK 111 Rifle Cal. 303, V.G.—\$14.95, Brit. Lee-Enfield No. 1 MK V Rifle Cal. 303, V.G.—\$24.95, Brit. Lee-Enfield No. 4 MK I Rifle Cal. 303, V.G.—\$18.95, Brit. Lee-Enfield No. 5 Jungle Carbine Cal. 303, V.G.—\$24.95, Brit. Pattern 14 Enfield Rifles Cal. 303, V.G.—\$19.95, Spanish Mod. 43 (98) La Caruna Arsenal Mauser Rifles Cal. 8mm, V.G.—\$32.95, Spanish Mod. 53 (98) Mauser Rifles Cal. 8mm, Excel.—\$34.95, Spanish Mod. 1893 Mauser Rifles Cal. 7mm, V.G.—\$19.95, Hungarian Mod. 43 M Mannlicher Rifle Cal. 8mm Mauser, Good or Better—\$39.95, Belgian Mod. 30 FN, Mauser Rifles Cal. 30-06, V.G.—\$44.95, Russian Mod. 91/30 Molsin Rifles Cal. 7.62, Good—\$9.95, Russian Mod. 38 Molsin Carbine Cal. 7.62 V.G.—\$19.95, Russian Mod. 38 Tokarev Semi-Auto Rifle Cal. 7.62, Excel.—\$44.95, Russian Mod. 40 Tokarev Semi-Auto Rifle Cal. 7.62, V.G.—\$31.95, Select—\$39.95, French Mod. 1916 Lebel Rifle Cal. 8mm, Good—\$9.95, Swiss Mod. 1911 Schmidt-Rubin Cal. 7.5mm, V.G.—\$13.95, Excel.—\$16.95, German Mod. 71/84 Mauser Rifle Cal. 11mm, Good—\$18.95, Peruvian Mod. 35 FN Mauser Cal. 30-06, V.G.—\$49.95, Persian Mod. 98/29, BRNO, Mauser Carbine Cal. 8mm, V.G.—\$34.95, Persian Mod. 51 Mauser Carbine Cal. 8mm, Excel.—\$49.95, Ital. Mod. 38 Carcano Carbine Cal. 6.5, V.G.—\$11.95, Ital. Mod. 91 Carcano Carbine Cal. 6.5, Good—\$9.95, U.S. Trap Door Springfield Rifles Cal. 45-70, V.G.—\$49.95, Excel.—\$59.95, Ital. Mod. 38 Carcano Carbine Cal. 7.35, V.G.—\$14.95, Peruvian Mod. 1909 Mauser Rifles, Made by Mauser Oberndorf, Cal. 7.65mm, Good—\$24.95, V.G.—\$29.95, Excel.—\$32.95, 25¢ For List. All Prices FOB N.Y. NO COD'S. Include Sufficient Postage. Dealers Inquire Globe Firearms, 36 Front Street, New York 4, N.Y.

GUNS & AMMUNITION

WINCHESTERS, COLTS, LUGERS plus many others. Send 10¢ for 18-page list. Chet Fulmer, Rte. 3, Detroit Lakes, Minnesota.

CHURCHILL (GUNMAKERS) LTD. World famous gunsmiths. Models from \$390.00 to \$2,000. Send \$1.00 to 32 Orange Street, London, W.C.2, for lists of new and used shotguns.

KLEIN'S BIG All-Sports Bargain Cash or Credit Catalogue now Free. Klein's, Dept. G, 227 W. Washington, Chicago 6. PREPAID. 38 Special Western WC nickel cases, once fired, loose, \$9.00 per M. Tucker's Reloading Service, 105 Fourth St., Alexandria, La.

10,000 GUN BARGAINS!!! Modern-Antique Guns, Accessories—Giant Bargain Catalog 50¢. Agramento's, Yonkers, N.Y.

CASES — ONCE FIRED — Postpaid — 30.40 — 30.00 — 30.8 — 30.30 — 32W — 300S — 35R — 30S — 8mm — 38Special — 30Carbine — 45ACP — 22BR — (Formed) — 7.75ap — 7.65 — 7mm — 257R — 24 — 243 — 22.250 — 220 — 220 — 40.5550 — Other Rifle — 40. Pistol — Carbine — Shotshell 2¢ — Micoanal, 85 Taylor, East Meadow, N.Y.

KENTUCKY RIFLES, Custom Made. Send self addressed stamped envelope for folder. Mark Mattington, Randall, N.Y.

SILENCERS: MAXIM and O.S.S. Models. Complete Details of Construction and Operation with drawings, \$1.00. Gunseo, B-373E, Sequel, Calif.

SURPLUS MILITARY Carbinas \$17.50, Pistols \$12.50, Rifles \$10.00, Catalog .25¢. Armusco, Box 44E, Santa Cruz, Calif.

YELLOW 1964 CATALOG—thousands of rifles, handguns, ammo, surplus, 25¢. Retting, 11029 Washington, Culver City, California.

HUNTERS ATTENTION: Mauser Rifles M-93, 7mm, Condition: Good to V.G. Supply Limited, Only \$14.95. Southwestern Arms Co., 107 Logan Street, Brooklyn, N.Y.

SWISS M1911 7.5mm Schmidt-Rubin, Excel.—\$18.00, Russian M38 7.62mm Molsin Carbinas, Good to Better—\$20.00, Enfield MK3 Cal. 303, Good to Better—\$15.00, Continental Arms Ltd., Box 72, Staten Island #10, N.Y.

GUNS WANTED, ANY TYPE Regardless of Condition—Buy, sell, trade, repair; Antique & Modern, Biehler's Gun Room, 1585 Bergen Blvd., Leonia, New Jersey.

M-1 CARBINE, Brand new, complete with sling and oiler, postpaid, \$75.95. Choice of walnut or metal air-cooled handguard. Below, M-1 Garand, Unused condition, \$83.95. U.S. 45 Automatic, NRA Very Good, \$39.95; Selected, v.g. to NRA Excellent, \$44.95. Below, Luger, Model 1908, NRA v.g., finely reblued with like new grips, \$47.95; Select with matched numbers, exact clip, \$54.95. Below, Walther P-38, NRA good or better, \$33.95; Select, NRA V.G. \$58.95. Brand new, current model, 9mm, \$99.50. Below, Giant catalogue of new and used sporting and military weapons, ammo, parts, supplies—over pages of shooters needs, \$2.50 refundable, postpaid. District Merchandise, 1207 King, Alexandria, Virginia.

POWERFUL EUROPEAN AIR RIFLES & Ammunition. Informative Catalog, sample ammunition 15¢. Air Rifle Headquarters, 131A Market, Grantsville, Va. Va. 26147.

EVERYTHING FOR the muzzle loading shooter. We have all the reproductions. Trades invited. The Muzzle Loader, Merrimack, N.H.

11 PCECE MOUNTED Gun Collection: Rifles, pistols, submachine gun, Scale replicas World's Most Famous Firearms. All Show (harmless). Personalized engraved owner's nameplate. Engraving, fascinating, educational gift; den. elsewhere. Remarkably priced. Free illustrated information. Faron International, 7065J Walbrook Station, Baltimore 16, Maryland.

4,000 CARTRIDGES FOR COLLECTORS: 88 page illustrated Catalog #4. 50¢. James Tillinghast, Box 547, Marlow, N.H. 03456.

ROYAL DUTCH MANNLICHER Rifles & Carbine 6.5mm. Condition overall Good. Rifles Only \$7.95, Carbine Only \$8.95. Air Gun 6.5mm Dutch \$6.50 per 100 rds. Southwestern Arms Company, 107 Logan Street, Brooklyn, N.Y.

NEW MATCH AIR RIFLES & Ammunition from Europe; up to 710 fps. Tremendous accuracy. Walther, Anschütz, Geco, Bavaria, others. Sample ammunition, informative catalog 15¢. Air Rifle Headquarters, 131 Market, Grantsville, Va. Va. 26147.

SILENCERS: MAXIM and O.S.S. Models. Complete details of construction and operation illustrated with pictures and drawings, \$1.00. Maxim, Box 44E, Santa Cruz, Calif.

FIREWORKS, EXPLOSIVES, ROCKETS. Samples, formulas, and catalog \$1.00. Malltrade, B171E, Capitola, Calif.

U.S. 30-06 cal. high number Springfield rifles. Very good—\$39.95, Excellent—\$44.95, Perfect—\$49.50. U.S. 30-06 cal. low number Springfield rifles. Very good—\$29.95, Excellent—\$34.95, U.S. 30-06 cal. Enfield rifles. Very good—\$29.95, Excellent—\$34.50, U.S. M1 30-06 cal. Garand rifles. Like new—\$89.95, U.S. M1 30 cal. carbines. Like new—\$69.95, British Mk. 3 303 cal. rifles. Very good—\$14.95, British Mk. 4 303 cal. rifles. Very good—\$18.95, British Mk. 5 303 cal. jungle carbines. Very good—\$24.95, German Mod. 98 8mm Mauser rifles. Very good—\$29.95, German Mod. 98 8mm Mauser rifles. Good—\$18.95, Czech Mod. 98 8mm Mauser rifles. Perfect—\$29.95, Persian Mod. 98 8mm Mauser rifles. Good—\$34.95, Very good—\$39.95, Brand new—\$49.95, Spanish Mod. 98 (Mod. 1953) 8mm Mauser rifles. Brand new—\$34.95, Spanish Mod. 93 7mm Mauser rifles. Very good—\$19.95, Peruvian Mod. 1909 7.65mm Mauser rifles. Excellent—\$39.95, Peruvian Mod. 1935 30-06 cal. Mauser rifles. Very good—\$49.95, Peruvian Mod. 1909 30-06 cal. Mauser rifles. Very good—\$39.95, Argentine Mod. 91 7.65mm Mauser rifles. Very good—\$19.95, Like new—\$24.50, Italian Mod. 91 6.5mm Mannlicher-Carcano rifles. Good—\$9.95, Very good—\$12.95, Italian Mod. 1938 6.5mm & 7.35mm Mannlicher-Carcano carbines. Very good—\$14.95, Russian Mod. 91 7.62mm Molsin rifles. Good—9.95, Very good—\$12.95, Russian Mod. 1938 7.62mm Molsin carbines. Very good—\$19.95, Excellent—\$22.95, Russian Mod. 1940 7.62mm Tokarev semi-automatic rifles. Good—\$34.95, Very good—\$39.95, Excellent—\$44.95, Swiss Mod. 1911 7.5mm Schmidt-Rubin rifles. Good

—\$13.95, Very good—\$16.95, Excellent—\$19.95, French Mod. 1916 8mm Lebel rifles. Good—\$9.95, Very good—\$12.95, French Mod. 1886 8mm Lebel rifles. Good—\$15.95, Very good—\$18.95, German Mod. 98 8mm Mauser 1st World War Mauser rifles. Good—\$24.95, Very good—\$29.95, 30-06, 303 British, 7mm Mauser, 7.65mm Mauser, 8mm Mauser, 7.62mm Russian, 7.35mm Italian military ammunition, at \$7.50 per 100 rds. Money back guarantee. Free gun list. Dealer inquiries invited. Freedland Arms Co., 34 Park Row, New York 38, N.Y.

GUN EQUIPMENT

NEW 45-70 Cal. Springfield barrels with action. Model 1873, \$25.00, 2 piece Sharps and Spencer Carbine stocks \$15.00 ea. U.S. Army, Cavalry helmets, 1880 style, \$8.50. Fine French saw tooth sword bayonets and scabbards, \$8.50 ea. Postage Extra. U.S. Stokes Kirk, 2429 Germantown Ave., Phila., Pa. 19140.

SPECIAL: CARBINE SLINGS & Oilers, set 95¢. Top Notch Gun Shop, 1005 W. Mt. Garfield Rd., Muskegon, Mich.

SILENCERS! PISTOL, RIFLE! Compact, efficient attachment. Actual Plans, plus background information—no gypo mimeo sheets; satisfaction or refund. \$1.50 postpaid. Service Sales, Dept. GUN, Box 889, Seattle, Washington, 98111.

ADJUSTABLE TRIGGERS \$3.50. Adjusts for sear depth and trigger throw. Used by thousands. Can be installed in minutes by any one. Highly polished. For Mauser models 93, 94, 95, 96, 98, 933-40, 933-50; Springfields 65, 68A3, 68A4; Jap Arisakas 6.5 and 7.7; Enfields 1914-1917 and Lee Enfields 3, 4 and 5. D. E. Hines, 11035-C Maplefield, El Monte, Calif.

OVER 50 ASSORTED SCREWS, pins, springs, etc. for faster gun repair, no two alike, \$2.50 postpaid. Overland's Supply, Independence, Iowa.

GUNSMITHING

GENERAL GUNSMITHING—Repairing, rebluing, conversion work, parts made. Inquiries invited. Bald Rock Gun Shop, Berry Creek, Calif.

GUNSMITHING—Learn profitable hobby. Build .22 Target Pistol, Campers Pistol, Gun Cabinets, Blue Guns, 5¢ stamp brings illustrated information. Guns, Postoffice Box 362-G, Terre Haute, Indiana 47808.

FINE CUSTOM Rifles made to your specifications. Military rifles rebuilt. Blu-Blak bluing, new barrels fitted. Chambering for standard, improved and Wildcat cartridges including Weatherby line, 308 Norma, new 300 and 284 Winchester. Model 92 W. Enfields conversions to 256, 257, and 44 Magnum Write: Don Mott, Box 347, Douglas, Arizona.

INLETTING BLACK, Never dries or piles up on surface. Enough for 25 stocks, \$1.25. Chas. G. Jerrow, 452 5th Ave. E.N., Kalispell, Montana.

SPRINGFIELD, ENFIELD, MAUSER, and Jap Owners, eliminate trigger slack. Improved trigger letoff. Install a Cougar Anti-Slack trigger and Sear bolt. Installs easily. No drilling or tapping. Hardened, tempered, and contact surfaces micro finished. Specify rifle. Sent postpaid with complete instructions, \$1.00. Dealers wanted. Cougar and Hunter, 5070 Tahquamenon, Flushing, Michigan.

ALTER & JEWEL bolts \$8.50. Springfields, Enfields altered to 308 Norma Magnum \$12.00; Enfields to 300 Weatherby \$24.00; 7.7 Japs to 30-06 \$6.00; 300 Magnum to 300 Weatherby \$8.00. Catalog 10 cents. T-P Shop, 12 West Branch, Mich.

GUNSTOCKS

CUSTOM STOCKS precision-machined from your blank or our Fancy Yamwood, Mesquite or Walnut. Longairni, Dana Point, California.

INDIAN RELICS

POTTERY, SPEARHEADS, Axes, Arrowheads, 10 for \$3.00, List Free. Hyde's, Rosemar Road, Parkersburg, W. Va.

INVENTIONS

INVENTIONS; IDEAS developed for cash/royalty sales! Raynond Lee, 2104X Bush Building, New York City 26.

INVESTIGATORS

INVESTIGATORS, FREE Brochure, latest subminiature electronic listening devices. Write Ace, Dept-8X, 11500 NW 7th Ave., Miami 50, Florida.

MISCELLANEOUS

CROSSBOWS for Target, Hunting and Carp-Shooting. Factory-Direct-Prices. Jay Co. Box 1355, Wichita, Kansas.

NAZI ITEMS brought & sold, orig. only, 1 piece or collection; "Hit 25¢"; Lenkel, 812 Anderson, Palisades, N. Y.

YOUR OWN Business Without Investment! Sell advertising matchbooks to local businesses. No experience needed—free sales kit tells how and where to get orders. Part or full time. Big cash commissions. Match Corporation of America, Dept. GE-74, Chicago 32.

MINIATURE CROSSBOW, range 200', length 18". Fiberglass bow, cocking mechanism, dozen arrows, guaranteed, \$9.95. Nittany Crossbow, Box 87C, Penna. Furnace, Pa.


MUSCATEL WINE the year around from raisins. Simple to make. Inexpensive recipe, \$1.00. Malltrade, B-171E, Capitola, Calif.

LOW COST Classified Ads Like These Can Make You Rich. Learn How. Mailmart, B-1129E, Los Gatos, Calif.

GOVERNMENT LAND now available in 25 States, 450,000,000 acres low as \$1.00 acre. Exclusive copyrighted report! Send \$1.00 to U.S. Land Disposal, Box 18177-GI Indianapolis 18, Indiana.

FREE! Big Illustrated Summer catalog. Top values coast to coast! Farms, Ranches, Homes, Businesses, Waterfront, Recreation, Retirement properties. UNITED FARM AGENCY, 812-MQ West 47th St., Kansas City, Mo. 64112. PLaza 3-4212.

MITCHELL'S SHOOTING GLASSES
 Yellow Lens
 Used by marksmen and hunters to get clear sharp vision on target. **FREE** literature on Shooting, Vision and information on Prescription shooting glasses. Write direct to—
 Mitchell Shooting Glasses
 Box 5806, Waynesville, Mo.



FLOORPLATE RELEASE BUTTONS
 for Springfield 03, Enfield 14 & 17, Mauser 93, 94, 95, 96, 98 & 99—allows rapid, safe unloading without racking. Installs easily—No drilling or tapping. Serrated, hardened & blued. *Please specify rifle.* Dealers write.
 Springfield and Enfield Right or Left Hand \$1.50 Postpaid
COUGAR & HUNTER 5070 Tahquamenon Flushing, Michigan



Keep your guns FACTORY NEW!
 WITH **GUNSLICK KITS**
 Everything you need... Cleaning Rod, all accessories in sturdy STEEL BOX. Removable tray and pans. Shotgun Kit \$3.50, Rifle Kit \$3.25, Pistol Kit \$3.00. All gauges and calibers available at Hardware and Sporting Goods Dealers. **IDEAL GIFT!**
Outers LABORATORIES, Inc., Dept. "G" ONALASKA, WIS.



HOPPE'S GUN BLUE
 ... for good gun care
 Deep-penetrating Hoppe's Gun Blue allows color matching of any gun barrel and will restore original finish without rubbing. Not a paint, not affected by solvents, excellent for touch-up. 2-oz. bottle, \$1.00, includes steel wool, directions. At better sporting goods dealers. If dealer cannot supply, send \$1.00 plus 25¢ for postage to factory.
FRANK A. HOPPE, Inc.
 2352 North 8th St., Phila. 33, Pa.



A MUST FOR WEAPON COLLECTORS
 Over 1000 different weapons, related items with actual photographs and descriptions priced to sell in our exciting, thick 216 page catalog reference book
EDGED WEAPONS ANTIQUE FIREARMS
 Send \$1. (refunded with first purchase) for this valuable Catalog. You will be so glad you did!
 The Museum of Historical Arms
 Dept. N, 1038 ALTON ROAD, MIAMI BEACH, FLA.



PATIO TABLES! Bird Baths! Made for pennies. No Rubber or Aluminum Molds. Pattern \$2.00. Black Canyon Enterprise, Box 218, Black Canyon, Ariz. 85324.

BENCH RESTS: Tripod base with leveling screws and locknuts. Adjustable height (8" to 9") with locknut. Felt covered platforms. Three models: BM-2 (use with sandbag) \$11.95, SM-2 (full swivel head) \$11.95, and PM-2 (fixed head) at \$10.95. Shipped prepaid. Keyes Industries, 80 W. Central, Roselle, Illinois.

TROPHY ANTELOPE MULEY Combination Hunt. Modern Ranch Quarters, North Casper, Wyoming. Sept. or Oct. Reservations Limited, \$50.00 Deposit. Write: Hyscham Camp, Gillette, Wyoming.

TECHNIQUE THAT HAS Helped many cases of piles. No Drugs. Privacy of self treatment. Send \$1.00 to Boyer, Box 892, Tupelo, Mississippi.

SUPERSENSITIVE TRANSISTOR Treasure Finder locates buried gold, silver, ancient firearms, coins. \$19.95 up. Free catalog. Releo-A6, Box 10563, Houston 18, Texas.

RELOADING EQUIPMENT

FREE CATALOG. 208 Pages. Save on Reloading Equipment, Calls, Decoys, Archery, Fishing Tackle, Molds, Tools, Rod Blanks, Finnyports (SS), Toledo 14, Ohio.

SCHOOLS

MISSOURI AUCTION SCHOOL. Free catalog! 1330-102 Linwood, Kansas City, Mo. 64109.

TAXIDERMIST

ZEBRA SKIN RUGS \$125.00 to \$195.00. Also Polar Bear, Tiger, Bob-cat, Jaguar, Timber Wolf, Grizzly. We tan skins. Hofmann-Taxidermist, 1025 Gates, Brooklyn, N.Y. 11221.

mistaken idea that shotguns are safer than high-powered rifles in populated areas. I don't want to open that debate here, but it has been proved that hunters, especially stupid ones, and not the firearms cause the accidents. There is no evidence that restrictions on one type of gun or another make hunting safer.

However, we must live with these regulations, and use shotguns more and more in relatively "crowded" farm country. And, though they will do the job, and do it better than a lot of your so-called deer rifles, I just don't like some misinformed legislator telling me what gun I must use in my hunting.

In checking on some of the laws, I found that practically all North American whitetail deer are shot within 100 yards. Over half are closer than 50 yards. Ask yourself this question: How many deer have I killed beyond 50 or 100 yards? Answer it honestly now—no one is looking over your shoulder. Next, think back and recall how many yards you added to the story each time you told about killing your last deer?

With my Remington 58 Sportsman I can consistently shoot eight inch groups at 70 yards, and 12 inch groups at 100 yards. Though my accuracy drops off quickly after that, I have known other shotgunners who do much better than this.

The action you choose on this "all-round" hunting arm is up to your individual tastes. I realize some states put restrictions on semi-automatic guns, but they really are not much faster handling than a good pump gun, and I've found that if you keep your action simple, you can cut down on malfunctions.

The ultimate choice in a shotgun would be, for my money anyway, a double barreled with modified and improved cylinder chokes. Savage recently announced the introduction of their .22 Magnum-20 gauge combination rifle-shotgun, and this gun has claimed a lot of advocates who will call it the perfect all-round gun. But I still contend that the 12 gauge slug will do a better job on big game than the 20 gauge. This factor would put my 12 gauge nomination at the head of the list.

Some companies are putting out a 1X "shotgun scope" which, I understand, is popular with the deer hunters living in areas where slugs or buckshot are mandatory under the law. However, I believe a peep sight offers a better all-round deal.

In all phases of the shooting game there is nothing that triggers more lip flapping (and typewriter tapping) than opening up the argument about the mythical all-round gun. But, I have owned and still own more guns than I have a right to, and I just want to make it clear that I don't advocate hunting everything on the continent with a 12 gauge shotgun. But, if I had to use only one type of gun that would be it. You show me a better, more versatile firearm, and I'll buy it.

Recently, I received a note of thanks from my 15 year old pen pal. He said he shot his limits of ringnecks almost every time he went out, and brought down his first buck—all with the same shotgun. The last time I heard from him he was having a bang up time on rabbits and snowshoe hares in the Michigan swamps.

LIFETIME PISTOL CARTRIDGE DIES
 USERS REPORT OVER 1,000,000 GUARANTEED FOR 200,000
 LONG LIFE • NO SCRATCHING • NO GALLING
 MANUFACTURED BY
Carbide Die & Mfg. Co.
 CEMENTED CARBIDE **CARBOLOY** (TRADE MARK)
 P. O. BOX 226 • COVINA, CALIF.

Tell us the make and model of your shotgun or rifle... type of stock or forend you want—semi-finished, 50% finished, standard finished or custom finished. We will send you literature describing what we offer for your needs. Or, ask your dealer or gunsmith, he also can furnish free catalog.
E. C. BISHOP & Son, Inc., Warsaw, Mo., Dept. J10K



THE ORIGINAL PLASTIC GUNSTOCK INLAYS
 Hand Cut on Precision Machinery from Finest Quality Sheet Plastic. Send for New Catalog of Latest Designs. Complete Instructions.
C. D. CAHOON, Buxford, Mass.



"A Proud Future" FOR YOUR VALUED GUNSTOCK
LIN-SPEED Real Oil Stock Finish
 DIRECTIONS: Rub on 24, remove excess. Apply liberally to all surfaces with hand. Rub with 240, 320, 400, 600, 800, 1000, 1200, 1500, 2000, 3000, 4000, 6000, 8000, 10000, 12000, 15000, 20000, 30000, 40000, 60000, 80000, 100000, 120000, 150000, 200000, 300000, 400000, 600000, 800000, 1000000, 1200000, 1500000, 2000000, 3000000, 4000000, 6000000, 8000000, 10000000, 12000000, 15000000, 20000000, 30000000, 40000000, 60000000, 80000000, 100000000, 120000000, 150000000, 200000000, 300000000, 400000000, 600000000, 800000000, 1000000000, 1200000000, 1500000000, 2000000000, 3000000000, 4000000000, 6000000000, 8000000000, 10000000000, 12000000000, 15000000000, 20000000000, 30000000000, 40000000000, 60000000000, 80000000000, 100000000000, 120000000000, 150000000000, 200000000000, 300000000000, 400000000000, 600000000000, 800000000000, 1000000000000, 1200000000000, 1500000000000, 2000000000000, 3000000000000, 4000000000000, 6000000000000, 8000000000000, 10000000000000, 12000000000000, 15000000000000, 20000000000000, 30000000000000, 40000000000000, 60000000000000, 80000000000000, 100000000000000, 120000000000000, 150000000000000, 200000000000000, 300000000000000, 400000000000000, 600000000000000, 800000000000000, 1000000000000000, 1200000000000000, 1500000000000000, 2000000000000000, 3000000000000000, 4000000000000000, 6000000000000000, 8000000000000000, 10000000000000000, 12000000000000000, 15000000000000000, 20000000000000000, 30000000000000000, 40000000000000000, 60000000000000000, 80000000000000000, 100000000000000000, 120000000000000000, 150000000000000000, 200000000000000000, 300000000000000000, 400000000000000000, 600000000000000000, 800000000000000000, 1000000000000000000, 1200000000000000000, 1500000000000000000, 2000000000000000000, 3000000000000000000, 4000000000000000000, 6000000000000000000, 8000000000000000000, 10000000000000000000, 12000000000000000000, 15000000000000000000, 20000000000000000000, 30000000000000000000, 40000000000000000000, 60000000000000000000, 80000000000000000000, 100000000000000000000, 120000000000000000000, 150000000000000000000, 200000000000000000000, 300000000000000000000, 400000000000000000000, 600000000000000000000, 800000000000000000000, 1000000000000000000000, 1200000000000000000000, 1500000000000000000000, 2000000000000000000000, 3000000000000000000000, 4000000000000000000000, 6000000000000000000000, 8000000000000000000000, 10000000000000000000000, 12000000000000000000000, 15000000000000000000000, 20000000000000000000000, 30000000000000000000000, 40000000000000000000000, 60000000000000000000000, 80000000000000000000000, 100000000000000000000000, 120000000000000000000000, 150000000000000000000000, 200000000000000000000000, 300000000000000000000000, 400000000000000000000000, 600000000000000000000000, 800000000000000000000000, 1000000000000000000000000, 1200000000000000000000000, 1500000000000000000000000, 2000000000000000000000000, 3000000000000000000000000, 4000000000000000000000000, 6000000000000000000000000, 8000000000000000000000000, 10000000000000000000000000, 12000000000000000000000000, 15000000000000000000000000, 20000000000000000000000000, 30000000000000000000000000, 40000000000000000000000000, 60000000000000000000000000, 80000000000000000000000000, 100000000000000000000000000, 120000000000000000000000000, 150000000000000000000000000, 200000000000000000000000000, 300000000000000000000000000, 400000000000000000000000000, 600000000000000000000000000, 800000000000000000000000000, 1000000000000000000000000000, 1200000000000000000000000000, 1500000000000000000000000000, 2000000000000000000000000000, 3000000000000000000000000000, 4000000000000000000000000000, 6000000000000000000000000000, 8000000000000000000000000000, 10000000000000000000000000000, 12000000000000000000000000000, 15000000000000000000000000000, 20000000000000000000000000000, 30000000000000000000000000000, 40000000000000000000000000000, 60000000000000000000000000000, 80000000000000000000000000000, 100000000000000000000000000000, 120000000000000000000000000000, 150000000000000000000000000000, 200000000000000000000000000000, 300000000000000000000000000000, 400000000000000000000000000000, 600000000000000000000000000000, 800000000000000000000000000000, 1000000000000000000000000000000, 1200000000000000000000000000000, 1500000000000000000000000000000, 2000000000000000000000000000000, 3000000000000000000000000000000, 4000000000000000000000000000000, 6000000000000000000000000000000, 8000000000000000000000000000000, 10000000000000000000000000000000, 12000000000000000000000000000000, 15000000000000000000000000000000, 20000000000000000000000000000000, 30000000000000000000000000000000, 40000000000000000000000000000000, 60000000000000000000000000000000, 80000000000000000000000000000000, 100000000000000000000000000000000, 120000000000000000000000000000000, 150000000000000000000000000000000, 200000000000000000000000000000000, 300000000000000000000000000000000, 400000000000000000000000000000000, 600000000000000000000000000000000, 800000000000000000000000000000000, 1000000000000000000000000000000000, 1200000000000000000000000000000000, 1500000000000000000000000000000000, 2000000000000000000000000000000000, 3000000000000000000000000000000000, 4000000000000000000000000000000000, 6000000000000000000000000000000000, 8000000000000000000000000000000000, 10000000000000000000000000000000000, 12000000000000000000000000000000000, 15000000000000000000000000000000000, 20000000000000000000000000000000000, 30000000000000000000000000000000000, 40000000000000000000000000000000000, 60000000000000000000000000000000000, 80000000000000000000000000000000000, 100000000000000000000000000000000000, 120000000000000000000000000000000000, 150000000000000000000000000000000000, 200000000000000000000000000000000000, 300000000000000000000000000000000000, 400000000000000000000000000000000000, 600000000000000000000000000000000000, 800000000000000000000000000000000000, 1000000000000000000000000000000000000, 1200000000000000000000000000000000000, 1500000000000000000000000000000000000, 2000000000000000000000000000000000000, 3000000000000000000000000000000000000, 4000000000000000000000000000000000000, 6000000000000000000000000000000000000, 8000000000000000000000000000000000000, 10000000000000000000000000000000000000, 12000000000000000000000000000000000000, 15000000000000000000000000000000000000, 20000000000000000000000000000000000000, 30000000000000000000000000000000000000, 40000000000000000000000000000000000000, 60000000000000000000000000000000000000, 80000000000000000000000000000000000000, 100000000000000000000000000000000000000, 120000000000000000000000000000000000000, 150000000000000000000000000000000000000, 200000000000000000000000000000000000000, 300000000000000000000000000000000000000, 400000000000000000000000000000000000000, 600000000000000000000000000000000000000, 800000000000000000000000000000000000000, 1000000000000000000000000000000000000000, 1200000000000000000000000000000000000000, 1500000000000000000000000000000000000000, 2000000000000000000000000000000000000000, 3000000000000000000000000000000000000000, 4000000000000000000000000000000000000000, 6000000000000000000000000000000000000000, 8000000000000000000000000000000000000000, 100, 12000000000000000000000000000000000000000, 15000000000000000000000000000000000000000, 200, 300, 400, 600, 800, 1000, 1200, 1500, 2000, 3000, 4000, 6000, 8000, 100, 12000, 15000, 200, 300, 400, 600, 800, 1000, 1200, 1500, 2000, 3000, 4000, 6000, 8000, 100, 12000, 15000, 200, 300, 400, 600, 800000000000

**NOSLER SHOOTERS KNOW
IT'S THE RESULT
THAT COUNTS!**



**NOSLER PARTITION
BULLETS ALWAYS
RETAIN TWO-THIRDS
ORIGINAL BULLET WEIGHT**

Front and rear leads joined by .055 hole

THIS IS CONTROLLED EXPANSION!

Even at point blank range the partition stops expansion at the mid-section and at extreme ranges the "paper thin" forward jacket insures opening and peeling back of the jacket. Available in Cals. 243, 25, 270, 280 Rem., 7 MM, 30, 338 and 375 Cals.

Also available in loaded ammunition. Ask your dealer for Norma-Nosler.

NOSLER
PARTITION BULLET CO., INC.

P. O. Box No. 671 • Bend, Ore.

THE \$6,000 GOLD GUN

(Continued from page 17)

the hammer screw, and was made from a solid gold rod that weighed 22 ounces. It was drilled and shaped by hand, but hammer and trigger were cast from lead moulds which were made from hand-made lead models. The triggerguard, nipple, and screws were made from flat plate stock or forged and drawn from solid gold rods. The loading and cleaning tools are capped with 14 karat gold accessories, including a powder measure, a ram rod, and cleaning rod that has provisions for fastening a patch. The grips of the gun and the tool handles are rosewood, and Bill did the checkering on the grips. Modestly, he claims that his skills do not extend to woodworking, but a painstaking examination of the checkering showed that there was not a single slip of the checkering tool, that the edges of the checkering are clean and sharp.

The gun and tools are fitted into a beautifully finished and fitted, gold embossed Morocco leather case. Unfortunately, this case was badly damaged when Bill shipped the gun to me for study and photography, and the replacement value of the case is well over \$100.

Bill claims that his engraving skill is not outstanding, and the engraving on the unique gold gun was done by one of Bill's best friends, Joe Kempston. Joe, who works with Bill, has been an engraver for over 50 years. Fortunately for Heacock, Joe is a gun nut and has a fine sense of appreciation for guns and the right technical knowledge for the engraving job. The results speak for themselves; the engraving, though not typical of

gun engraving, is outstanding according to the experts who had a chance to examine it. Joe, 75, is an avid hunter and last year returned from an extended African safari, determined to hunt in Africa again soon.

Now that the gold gun has been finished for a while, Bill is casting about for some-



thing new to tackle. Last I heard, he is now contemplating the making of a full-sized revolver, working of course, in white gold. All he needs is time and a lathe fine enough to do the job. Who knows, he might make that and the other tools needed too—he made most of his other tools to build the gold cap and ball gun!

INDEX OF ADVERTISERS

GUNS and AMMUNITION

ROBERT ABELS.....	53
BADGER SHOOTERS SUPPLY.....	52
BROWNING ARMS CO.....	3
CENTENNIAL ARMS CORP.....	49
COLT'S PATENT FIRE ARMS MFG. CO.....	9
CONNECTICUT CARTRIDGE CORP.....	51
DISTRICT MERCHANDISE CO.....	46
DIXIE GUN WORKS.....	38
EKTOL CO.....	62
NORM FLAYDERMAN ANTIQUE ARMS.....	52
GLOBAL IMPORT.....	65
HERTER'S, INC.....	50
GIL HEBARD GUNS.....	46
HERTER'S, INC.....	50
HUNTERS LODGE.....	34, 35
MARSHALL HYDE, INC.....	48
HY-SCORE ARMS CORP.....	57
MARS EQUIPMENT CORP.....	49
O. F. MOSSBERG & SONS, INC.....	41
MUSEUM OF HISTORICAL ARMS.....	65
NOSLER PARTITION BULLET.....	66
NUMRICH ARMS.....	14, 15
PARKER DISTRIBUTORS.....	38
PUBLIC SPORT SHOPS.....	48
SAVAGE ARMS CORP.....	12
SERVICE ARMAMENT CORP.....	4
SHERIDAN PRODUCTS, INC.....	50
SMITH & WESSON, INC.....	7
VIC'S FOR GUNS.....	47
VIKING ARMS.....	52
WEATHER3Y, INC.....	11
WINCHESTER, WESTERN DIV.....	Cover 4

HANDLOADING EQUIPMENT

CARBIDE DIE & MFG. CO.....	65
CASCADE CARTRIDGE.....	62
HERTER'S, INC.....	50
HORNADY MFG. CO.....	4
LYMAN GUN SIGHT CORP.....	Cover 3
MAYVILLE ENGINEERING CO.....	42
MURDOCK LEAD CO.....	41
HOMER POWLEY.....	62
R. C. B. S.....	56
SPEER, INC.....	10

HOLSTERS, CASES, CABINETS

COLADONATO BROTHERS.....	62
HERRICK MACHINE WORKS.....	62
DON HUME LEATHER GOODS.....	48
GEORGE LAWRENCE CO.....	52
S. D. MYRES SADDLE CO.....	56
WHITCO.....	46

SCOPES and SIGHTS

BAUSCH & LOMB, INC.....	55
FREELAND'S SCOPE STANDS, INC.....	61
MARLIN FIREARMS CO.....	39
REDFIELD GUN SIGHT CO.....	40, 41
SAVAGE ARMS CORP.....	Cover 2
W. R. WEAVER CO.....	51

STOCKS and GRIPS

E. C. BISHOP & SONS, INC.....	65
HERRETT'S STOCKS.....	61
ROYAL ARMS, INC.....	60
SPORTS, INC.....	65

TOOLS and ACCESSORIES

GEO. BROTHERS.....	65
CUSTOM SHOOTER'S CENTER.....	53
DEM-BART CO.....	41
FEDERAL INSTRUMENT CORP.....	48
FRANK A. HOPPE, INC.....	65
JET-AER CORP.....	62
LYNX-LINE GUN PRODUCTS DIV.....	61
FRANK MITTERMEIER CO.....	57
NEW METHOD MFG. CO.....	47
OUTERS LABORATORIES, INC.....	65
TIME PRODUCTS CO.....	54

MISCELLANEOUS

AUSTIN BOOT CO.....	52
EDDIE BAUER.....	53
C. DANA CAHOON.....	65
R. J. COFFEY.....	38
COUGAR & HUNTER.....	65
EDWARDS-BARNES CAST PRODUCTS.....	57
LEONARD CORP.....	43
MERCHANTTEERS.....	46
MITCHELL SHOOTING GLASSES.....	65
NATIONAL RIFLE ASSOC.....	60
ONTARIO SPORTING CLUBS ALLIANCE.....	57
PACHMAYR GUN WORKS.....	54
BEN PEARSON, INC.....	44
PENDLETON GUN SHOP.....	65
POLY-CHOKE CO.....	57
PUBLIC SPORT SHOPS.....	51
RAY RILING.....	54
J. HALL SHARON.....	56
SHOOTERS CLUB OF AMERICA.....	13
SHOTGUN NEWS.....	53
SIGMA ENGINEERING CO.....	47
TRAVEL INDUSTRIES.....	52
WORLD OF GUNS.....	45



a 230 grain .44 bullet
coasted into this tin can
at 385 f.p.s. with 3 grains of
Bullseye powder behind it



that's the same size slug slamming
into a water-filled container at 1800 f.p.s.
driven by a red hot magnum
load of 25 grains of 2400 powder

Same slug, same gun that's Lyman-loading for you!

The same gun did both jobs; only the charge was changed -- with sensational results.

With Lyman-loading, you can shoot targets in your basement with only a couple magazines for backstops . . . you can introduce youngsters to big bore shooting without flinching . . . you can drill varmints with pinpoint accuracy . . . and knock over bear and moose at long range WITH THE SAME GUN.

Reload with Lyman ammunition systems — equipment perfectly matched for smooth, easy operation and accuracy — and reap all these other advantages:

- tailor your ammunition, your powder, and your bullets to your gun for optimum performance
- shoot better, shoot more often, and shoot for less money
- learn a fascinating and fun-filled hobby, which in itself makes you an authority on guns and ballistic performance. And it costs so little to start.

Look to  **Lyman**
for the finest
in shooting accessories

One of hundreds of single, double and 4-cavity bullet moulds available. Each is a fine piece of precision machining; pays for itself with your first batch of bullets.

Mould Master electric casting furnace — 115 volts, AC or DC. Calibrated dial and thermostatic heat control, 450° to 850° F. Discharge spout fills moulds under pressure, eliminates air pockets.

The Lyman Gun Sight Corp., Middlefield, Conn. Dept GM 4-7

- Enclosed \$2.00 for Bullet Casting Handbook.
- Enclosed \$3.50 for Bullet Casting & Reloading Handbooks.
- Send me FREE catalog on Reloading and Bullet Casting.

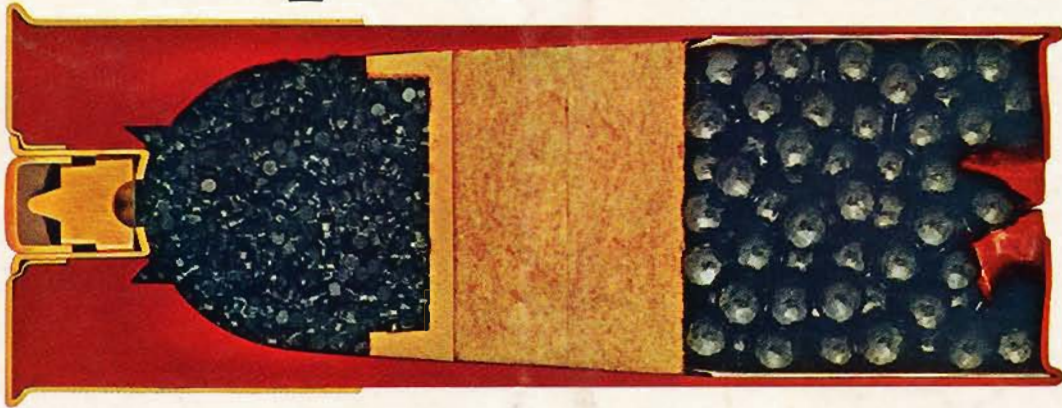
Name _____

Address _____

City _____ State _____



Announcing the new Super-Speed and Super-X
“Compression-formed”
Mark 5 plastic shot shell.



Strong shoulders. Note the absence of a base wad. Where a normal base wad would be, this new shell's plastic sidewalls thicken into solid shoulders, forming a reinforced "vault" for the powder. The base of this shell is so strong that its high brass isn't actually needed.

Unitized construction. Pressed out—in one piece—from rugged plastic, this new hull has a measured tensile strength exceeding 35,000 pounds per square inch. Its plastic is scuffproof and completely waterproof. This new Mark 5 shot shell is now available in 12, 16 and 20 gauge.

Harnessed power. Up front, inside the plastic hull, a thin protective strip encloses the shot—stays wrapped around it until *after* it has left the barrel. This keeps the pellets round and polished for true flight; stops lateral dispersion; gives up to a 10% denser pattern.



Read how this remarkable new Winchester and Western shell—the first sweeping change in the history of shot shell design—was field-tested and proved on safari. "I never saw a shell made like it . . . or one that shoots so hard—so far," says David Ommanney, our man in Africa.

Product changes as far-reaching as this are very rare in our business.

That's why we wanted absolute proof—before putting our plastic Mark 5 on sale—that it outperforms every other shot shell ever made. And why we decided to make Africa its proving ground.

In Tanganyika, bird limits are liberal—and game is plentiful and varied. Nowhere else could this new plastic shell be given such a thorough testing. What's more, we wanted to get David Ommanney's opinion.

Few men know more about game and guns than this famous professional hunter, whom we chose to lead us on safari.

At first, as we expected, Ommanney was cautious. He was very much impressed by the new shell's one-piece construction and "strong shoulders." But he found it hard to believe any shot shell could be more effective than the latest *paper* Mark 5s he'd been using.

But it didn't take long to convince him, when he saw how this new Mark 5 stopped sand grouse at all ranges—dropping them consistently and cleanly.

"It seems almost un-

fair," said Ommanney, "that a shell should shoot this hard and far. Virtually every shot did the job cleanly, quickly. What could be fairer than that?"



Sure proof of this plastic shot shell's range and power is the way it stopped these fast, high-flying sand grouse.

Another new plastic shell from Winchester and Western. For trap, skeet and upland shooting, Ranger and Xpert Mark 5 is available in a poly-formed weather-proof plastic tube. This rugged, low-brass shell matches the premium priced loads of other manufacturers.

And does it at regular load prices.

WINCHESTER® Western®
 WINCHESTER-WESTERN DIVISION **Olin**