



THE AMERICAN RIFLEMAN

★ 1885-1888 The Rifle ★ 1888-1906 Shooting and Fishing ★ 1906-1923 Arms and the Man

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THE NRA

The National Rifle Association of America is a nonprofit organization supported by the membership fees of public-spirited citizens. Its purposes are to educate and train citizens of good repute in the safe and efficient handling of firearms; to foster a knowledge of small arms and the ability to use them among members of law enforcement agencies and the armed services, and all other citizens who would be subject to service in the event of war; to promote social welfare and public safety, law and order, and the national defense. Membership in NRA is available to any reputable citizen of the United States.

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MAJOR ARTICLES

Telling The StoryAn Editorial	14
Wary And Evasive TargetBert Popowski	15
The M1 As A Sporter	.....Ludwig Olson And Raymond Zehm	18
Hunting In Vermont	.....Ray Bearse	22
NRA Annual Meetings And Exhibit	.....	25
The L. W. Pond Revolvers	.....Herschel C. Logan	26
Loads For The 6.5x55 mm.	.....NRA Technical Staff	29
1961 Director Nominations	.....	30
Shotguns For Beginners	.....Wallace Labisky	33
Nonmercuric, Noncorrosive Primers	.....Beginner's Digest	34
Build NRA!	.....	37
Smith & Wesson Military & Police Revolver	.....James M. Triggs	38
A Baffle System For Outdoor Ranges	.....	40
Surplus Military Rifles (Part 2 of 4)	.....NRA Technical Staff	42

REGULAR FEATURES

A Court Case Of Consequence	4	The Armed Citizen	45
Famous Firearms	6	Game Management News	46
Ricochets	7	Score Sheet	47
Shooting Champions	10	Dope Bag	50
Pistol Magazines	31	NRA News & Events	68
A Place To Shoot	32	Lifetime Memberships	79

SHORT ARTICLES

Inform Your Legislator	8	Shooter's Glasses	28
Rapid-Fire With Pellet Pistols	17	The Tree Hunter	35
A Portable Gun Cabinet	39		

COVER—A cased pair with accessories, these double-barrel flintlock pistols are marked "D. Egg, London," in gold inlay on ribs and "D. Egg" length 13 7/8". A crest on the back of the grips is identified by the College of Arms, London, as the Royal coronet with the distinctive label omitted. Durs Egg (1750-1834) was Maker to the Prince Regent and most celebrated, with H. W. Mortimer and Samuel Nock, as a maker of fine pistols. The set is now owned by Monty Bonner of Inglewood, Calif. Transparency by Claude Petrone. 4x5 Busch Pressman, Anscochrome 3200 film

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Rifle Remington News



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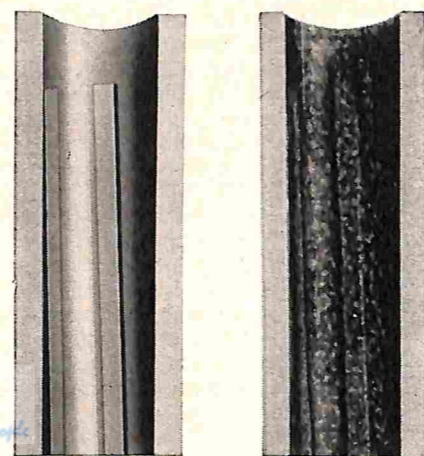
BRIDGEPORT, CONN.,

JANUARY, 1961

First-Class Reading Matter for All Shooters

1961 MARKS 35th ANNIVERSARY OF REMINGTON'S "KLEANBORE" PRIMING

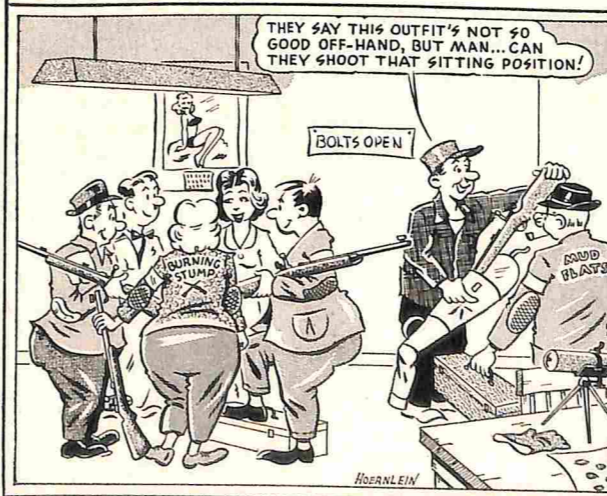
BARREL SECTIONS AFTER 30,000 ROUNDS



PROTECTED BY "KLEANBORE" PRIMING WITHOUT "KLEANBORE" PRIMING

With genuine Remington "Kleanbore" priming, it is not necessary to clean the barrel after shooting unless the gun is to be laid away under unusually moist conditions for a long period of time. Even then, laborious cleaning is not needed. Actually, when you use nothing but Remington ammunition with "Kleanbore" priming, the need for gun cleaning to prevent rust depends on weather and conditions of storage ... not on shooting.

AROUND OUR CLUB ... Southern Accent



It's just 35 years since Remington in 1926 introduced "Kleanbore"—the first U. S. ammunition priming to contain no corrosive element.

For centuries shooters were plagued by the havoc wrought in gun barrels by corrosion. Unless firearms were cleaned immediately after a day's shooting—even after a single shot—barrels would be pitted and possibly ruined.

Damage was not caused by the powder. The chemical action of potassium chlorate used in old-fashioned primers was the villain. When a gun was fired, a residue of potassium chloride—akin to plain table salt—was left in the barrel. Like salt, it absorbed moisture so quickly that even a minute grain would begin a corrosion process. The only sure way to get rid of it was by pouring hot water through the barrel, and then drying and oiling the gun with the greatest care.

The development of "Kleanbore" began in 1924 when chemist James E. Burns paid a visit to the Remington research and development staff. At the Remington pistol range he fired six shots through a revolver he had brought with him.

Then he handed the gun to technicians, saying, "Lay this awaysomeplace where it's good and damp and forget about it. I'll be back in about a month." When this time had lapsed, Burns returned for a look at the gun.

The technicians had taken him at his word and put the gun in a very damp place, indeed. The bluing on the outside showed red streaks of rust.

Burns ran a dry rag through the barrel and handed the gun over for inspection.

What the Remington technicians saw amazed them. The bore of that gun shone with all its original brilliance. It was a chemical miracle! Burns had discovered a substitute for potassium chlorate in primers. Even so, it took two more years of intensive experiments before Remington was ready to market the new primer. Tests had to be made, first in Remington laboratories and then by arrangement with shooting galleries. Literally millions of rounds were fired.

The guns through which the ammunition was fired were tested, too. Some fired thousands of rounds through months without cleaning and still showed no signs of corrosion or erosion.

Another important discovery was made when tested guns were put in a laboratory humidifier, where wetness was 90 per cent and temperature 120 degrees F., and left in annealing rooms of the plant where clouds of steam swirled. The outsides of the guns became encrusted with rust, but where the new primer had been used the bore of the barrel came through bright and clean. This conclusively proved "Kleanbore" would not cause rust or corrosion if used exclusively, but actually helped protect bores of guns through which it was fired!

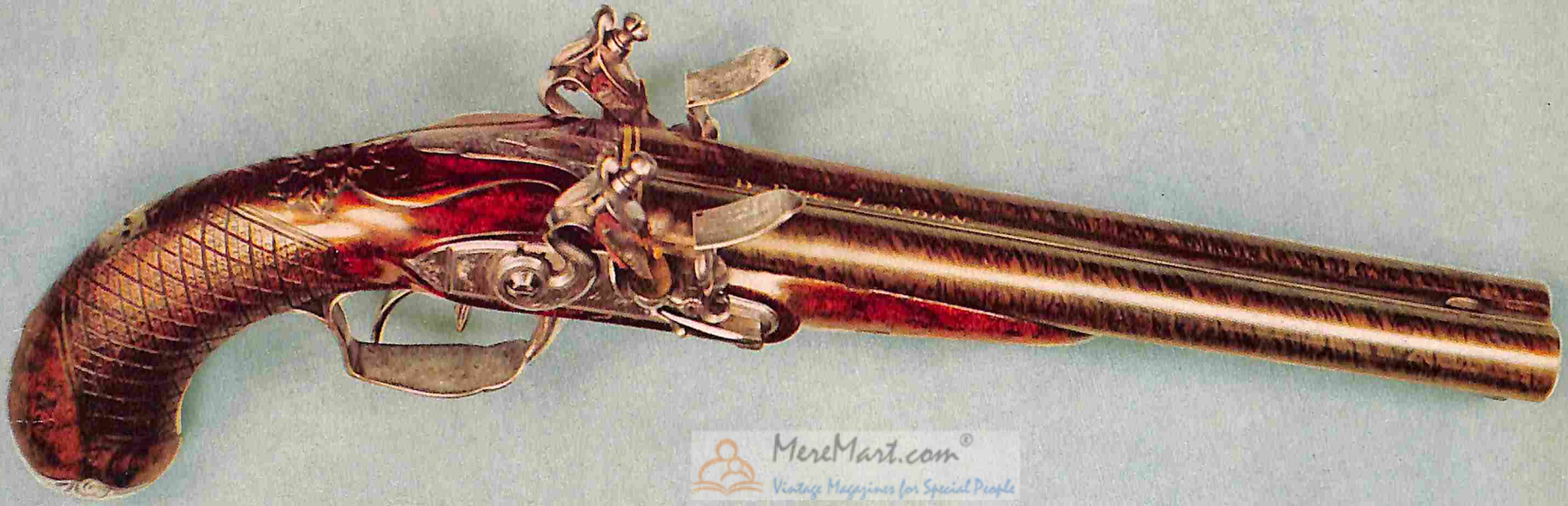
Remember, the whole vast array of powerful, accurate Remington ammunition is primed with exclusive "Kleanbore". It's the ammunition that has everything a shooter could want. Buy it every time!

"Kleanbore" is Reg. U. S. Pat. Off. by Remington Arms Company, Inc., Bridgeport 2, Conn. In Canada: Remington Arms of Canada Limited, 36 Queen Elizabeth Blvd. Toronto, Ont.

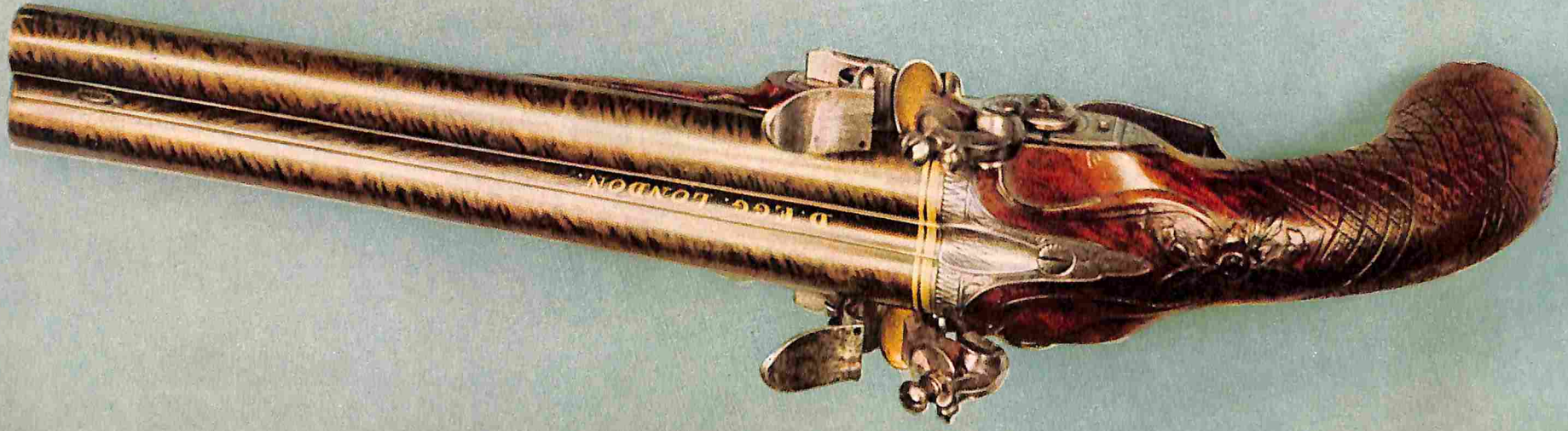
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THE AMERICAN RIFLEMAN

JANUARY
1961



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