

U.S.

MARTIAL ARMS Collector

and *Springfield Research Newsletter*



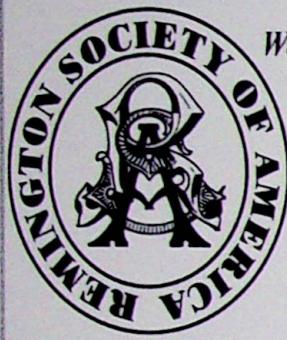
Number 130 March 2012

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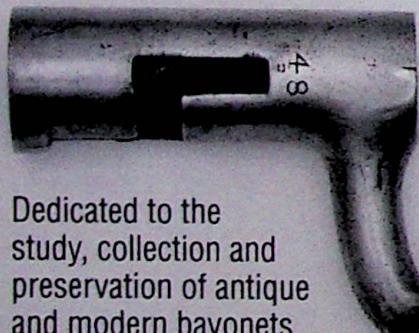
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The Remington Collector's
JOURNAL

2nd Quarter 2011



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EDITOR & PUBLISHER

Wayne P. Gagner



U.S. MARTIAL ARMS COLLECTOR

CIRCULATION MANAGER

Wayne P. Gagner

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Cover: .50 Caliber Experimental Springfield Pistol.

And

Springfield Research Service Newsletter

Number 130

March 2012

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MISCELLANEOUS NOTES.

"Fast and Furious". The program is still under investigation. Congressman Issa continues with hearings and has had little response from the Department of Justice and the BATF. There seems to be a great deal of contention and very little precise data being given to the Congressional Committees. We are following most of the Government hearings and will publish any significant developments.

CURRENT RESEARCH

Research has been done on several more 1922 training rifles, 1903 rifles in the 1930's, and several variations of the 1903A3. The SRS data will be used for future articles in the U.S. Martial Arms Collector Magazine.

We find that supplemental information is showing up at many gun shows as more hard to find weapons are being brought out. It is always enlightening to visit premium shows such as Baltimore and Tulsa as well as the small local shows that offer single unique examples of U.S. military arms. We are close to Washington, D.C. and the access to government sources is close but requires more layers of bureaucracy as well as many new layers of security. It goes with the turf. The big advantage of this area is the availability of small shows that are almost every weekend and in a 2 to 3 hour range and often an hour drive.

The biggest research effort is the storage and sorting of new data. It is easy to work on automation but very hard to implement new systems that are economical and efficient. We will continue to work on this and hope to come up with more accurate ways to process data.

The use of a lap top has added a portable data source but also adds to the complexity and often adds time to the process. It also requires a place to use the computer at a show as well as time to

enter the data. It does add more information to check on unique characteristics of a weapon as well as retrieve and sort it with other files in the future.

SUBSCRIPTIONS

Please continue to look at the number on your magazine envelope. The number is the last issue for your subscription. We are experiencing many software problems that appear from unknown sources. We must sit down and manually review our addresses and keep them up to date on a weekly basis.

There have been several unknowns that have caused duplicate data and also a loss of dated information as well as a creation of mixed names. We fix everything as soon as we find it. **NOTE. Please send an email if you receive any subscription data that is incorrect.** We can also answer a mailed note but it takes longer to use the mail inquiry and respond. We appreciate comments and emails when they solve mistakes or problems. We will always continue to answer mail from our subscribers who do not have email capability. Email is faster and cheaper but we will always answer the conventional mail. The inputs from subscribers are always of interest.

An interesting electronic issue has also appeared concerning email as an electronic means to send a magazine. In many cases, SRS cannot deliver a large email as the internet providers will not allow large files. The result is that emails are not sent and not received. The system may not be able to detect whether an email is OK and used. The electronic media for a magazine may have serious flaws. Many of these issues are unresolved with new applications of the internet. Issue number 130 is current and is dated March 2012. Number 131, 132, and 133 will be sent in 2012. Our advertising deadlines are the Friday two weeks before the date of a publication. Our standard is March, June, September, and December

for each year.

RARE WEAPONS

It appears that many new rare weapons are showing up at new auction sites. There has been a big demand for the excellent and rare weapons in fine condition. There are dealers now searching all shows with a big cash reserve to buy and immediately place the weapon on a national auction house site. It is turning into a major business as quality items are getting harder to find and the gun show is a buyers market with the quality auction house as a prime outlet. The auction house eliminates the expense of advertising, shop, payment, and other expenses. Many gun show managers often have empty tables because of low business results.

RESEARCH DATA

We only use United States Archives or military documents that can be verified. We do not use third- party letters or notes concerning the giving or transfer of a weapon from one person to another. We have received inquiries with a factory letter saying that a weapon was sent to the U.S. Military. Government documents may not be available for that item.

SPRINGFIELD RESEARCH

LETTERS

We are writing more letters for our subscribers, and extensive research takes more time. We will continue this endeavor as time permits and are always trying to upgrade our data as well as our system. It is always a matter of time, and we are behind in this part of the operation. We plan on as many as we can accomplish each year. The year 2012 looks like the same time as last year, and we will get research out as fast as we are able. Basic and sales letters are faster but may have limited data. The sales letters usually will be accompanied by sales information if it is available.

Basic letters are \$ 50. We can also supply data on a sales rifle and general officers' pistols. These efforts will cost \$ 65, and a copy of the Springfield document will be included if available. Additional documentation will require additional research and charges.

Research letter -This letter requires travel to government facilities and research of government records. It takes a minimum of one day of analysis and most often two or more days. We can only do a limited number of research letters per year. The more valuable weapons require this type of effort. All of our searches are done by serial number only. Complete analysis by any category is a major effort. There is no way to do any other procedure without many days of searching. Completion of the search is based on time and availability to visit the government facilities as well as their regulations.

Additional data will be listed on our web as it becomes available. The cost is \$ 175.00 to \$ 250 for standard arms. There are additional costs for most early Colts used in the Civil War and by the 1st Cavalry (Spanish American War), 2nd, 5th, 7th and other unique units. The costs may run above \$ 250, if additional research is required.

COMMENTS AND INPUTS

Please send inquiries and questions to:
editor@usmartialarmscollector.com
An inquiry can be made by mail to SRS Box 126, Cabin John, MD 20818. This may take an extended time to look up the number and send a letter by mail.

SPRINGFIELD RESEARCH DATA BASE

We are always reviewing ways to manage the data base and provide service. SRS and U.S. Martial Arms Collector site is:
usmartialarmscollector.com.

All of our products are only available to our subscribers and are mailed from:

U.S. Martial Arms Collector 130-3

U.S. Martial Arms Collector, Box 126,
Cabin John, MD 20818.

**BACK ISSUES OF THE U.S.
MARTIAL ARMS COLLECTOR.**
The older newsletters (number 1 through 54) must be obtained by special request. Issues number 55 through 127 are available for \$ 10 each postpaid. There are several issued that are copies only. Order from U.S. Martial Arms Collector, Box 126, Cabin John, MD 20818.

KRAG RIFLE STORY

Original new (1999 updated) editions with serial numbers are available for \$ 100 postpaid. They are limited in number and are below costs posted by many book dealers. They are available for subscribers only.

COVER

The cover photo is a very rare Trapdoor Pistol. It was made by the Springfield Armory and tested for U.S. Cavalry use after the Civil War.

DATA ON BOOKS

All SRS manuals will be copies of original government documents. We are still behind in this area and some data may have been lost.

**LETTERS AND EMAILS RECEIVED
AND ANSWERED**

Interested in getting a back copy of US Martial Arms Collector Magazine, Issue #96. Also would like to subscribe to the magazine going forward. What is the process?

Please send \$ 35 to SRS, Box 126 Cabin John, MD 20818. Issue 96 is available as a photo copy only. Editor

If you are aware of any other issues that have Springfield 1922 M2 articles, I would be very interested in them.

We have several past articles but it will take a search to find them. They include

very early newsletters and magazines after issue 55. (Newsletter started in December 1976). Editor.

I want to buy this copy of your magazine - Issue # 118 Garand MC52 USMC; 1922 Springfield; 1896 Krag Cadet.

Please send funds to our Cabin John address. Editor.

I would like to get a subscription to the news letter. How do I go about that?

Please send \$ 35 to SRS Box 126 Cabin John, MD 20818. Editor

I am especially interested in 1853 Sharps Carbines and 1851 Colt Revolvers associated with California and Oregon Volunteers during the Civil War. Sen. John Heinz History Center, Pittsburgh.

Attached please find data on subscriptions and costs. Editor.

Comments : Do you have data on production and history on the M1922 Springfield M1 and M2, caliber .22 ? Company : I am retired.

Thank you, attached please find data on subscriptions and some of our past work. Editor.

I have recently acquired an M1922 MII Springfield, SN 1874. From what I have noted, the barrel date is 10/25, there is no ".22 long rifle" on the left side of the barrel, the M2 bolt is electro-pencilled with a SN matching the receiver, and the weapon has been parkerized. Also, there is no "A" or "B" suffix that has been added to the SN. Weapon is in overall VG+ condition, with an original M2 magazine.

U.S. Martial Arms Collector 130-4

Would this have possibly been an early conversion, later rebuilt by the U.S.

There are basic models of the M2 and there are many variations in cleaned and repaired, overhaul, and rebuilding modes. It appears that your rifle was a 1922 M1 that was rebuilt. There may be additional markings on the butt stock to indicate rebuild or overhaul. Editor.

Hi, I am interested in hiring you to try and locate any information you can find regarding a Remington Rand 1911, a M1 Carbine (Natl Postal Meter) and a Springfield M1 Garand.

Are you currently accepting jobs of this nature?
We have no charge searches for military weapons, for our subscribers. The searches allow us to determine if we can do any other work on known serial numbers in our data base. Editor.

Just wondered how long you have been in existence doing this. Also will the internet version be the same price and have the same content? I have a 1903A3

Springfield, an Ithaca made 1911A1, a Colt US Army Model 1917 and a US Carbine Cal. 30 Rock-Ola , that I might be interested in basic knowledge over and above that I have pretty much nailed down when they were made.

We started in the 1970's and produced the first newsletter in 1976. We do not have an internet version but this can be done at the same price. We may be restricted by our internet provider when it comes to size of the magazine. We have many numbers on the weapons mentioned, but not all numbers. Editor.

I would like to know if you have copies of the 4 original volumes available?
Sorry, they are no longer available. Editor.

Hi, I live in Madisonville, Ky. My father was given a Winchester 1897 12 gauge pump with serial number D368648 when his father passed away in 2006. The story that my grandfather told us is that when he was seven years old he was walking down an old railroad track and came upon the gun wrapped in a burlap sack covered in blood, His father cleaned the gun and restored it in working condition. At the time his family lived about 20 miles from a prison in Kentucky. We have had this gun in our family for many years and we are very curious as to the history of this gun and its previous owners and maybe where it came from. We are not sure as to how to locate this information exactly. Any information you could have as to its history or how we could locate that information would be greatly appreciated. Thank You ! Please send me an email.

Sorry, we only search military weapon serial numbers. Attached, please find data on our services. Editor.

If a member desired to know what type of firearms were issued to specific units in the Civil War (Union) is this information that could be located and provided?

It is possible, but it would take a lot of extra work. We are not prepared to accomplish that effort at this time. Editor.

I'm interested in verifying whether this Garand is a national match or not. Serial number is 6086655. Any info would be appreciated.

Please refer to attached data on our capability. Editor

U.S. Martial Arms Collector 130-5

Escribo desde España. Quisiera saber lo que se conozca sobre un rifle (no carabina) Spencer 1860 , número de serie: 7536. Mi correo electrónico es-----.

Thanks. Please refer to our subscription and other data. Editor.

I am looking for a book.
The Krag Rifle by Brophy.
Would you have one? May I call u?
John

We only have the Krag Rifle Story by Mallory. Editor.

Hi! I am looking for any information you may have on a Springfield M1884 Saddle Ring Carbine. As a non-subscriber would that be possible? Thank you for your time.

Please refer to the attached data. Editor.

My father asks if you were able to find any information on Trooper John Haag, born Sept. 13, 1848 in Holland or on his Henry rifle S# 7066. Trooper Haag joined Company C of the U.S. infantry in Buffalo, N.Y., in 1875.

Sorry, no data on that serial number. Editor.

Please let me know if you have a copy of issue #127 and if so, how I may order it and pay for it.

That issue has run out and may be available as a photo copy only. Editor.

I recently inherited a Springfield 1873 trapdoor rifle with bayonet and would like to learn more of its history. I understand that you may be able to provide this service. Please let me know what kind of information and documentation you think you might find along with the costs I

might expect. I look forward to your reply.
Sincerely,

Please look at attached data on subscriptions. A serial number is required. Editor.

I have a M1860 Spencer carbine with serial number 59325. I was wondering how much it would cost to find out about this gun. I know it is in the Civil War serial number range (according to Flayderman's guide), probably manufactured in March of 1865. However, it would be nice to know who the gun was issued to. UC Berkeley.

Please see attached data. Editor.

I have a Springfield 1903 rifle s/n1265181 in sporter configuration. I would like to verify it with a Springfield research letter thanks.

Yes, we have data on that rifle. Please refer to attached data. Editor.

Are subscriptions to your magazine available. Please send ordering data. Thanks.

Please refer to attached data. Editor.

Fraunces Tavern

During a recent trip to New York City, we had the opportunity to visit Fraunces Tavern, where General George Washington hosted his farewell dinner with his officers. It is a remarkable experience to visit the rooms where Washington chose to meet and dine with his Revolutionary War aides and officers. Fraunces Tavern Museum is located at 54 Pearl Street New York, New York 10004. It is an easy ride by subway from Times Square. It can be done by taking the southbound train and getting off at the last stop in Manhattan, which is the Ferry station to Staten Island.

On December 4, 1783, a week after the last British soldiers left America ending the Revolution, George Washington invited the officers of the Continental Army to dine with him in the Long Room to say farewell. Colonel Benjamin Tallmadge wrote an account of the day, which is in the Fraunces Tavern Museum. Tallmadge: "The time now drew near when General Washington was to leave this part of the country for his beloved retreat at Mount Vernon".

The museum and several rooms are restored to original condition and are on the upper floors. The National Park Service operates the museum and charges an admission fee.

There is an extensive display of drawings, paintings, and documents from the revolution and early days of American history. The museum is supported by the New York Sons of the Revolution, started in 1876.

They purchased Fraunces Tavern in 1904 and opened the building as a museum in 1907. It was restored and operated since that time.

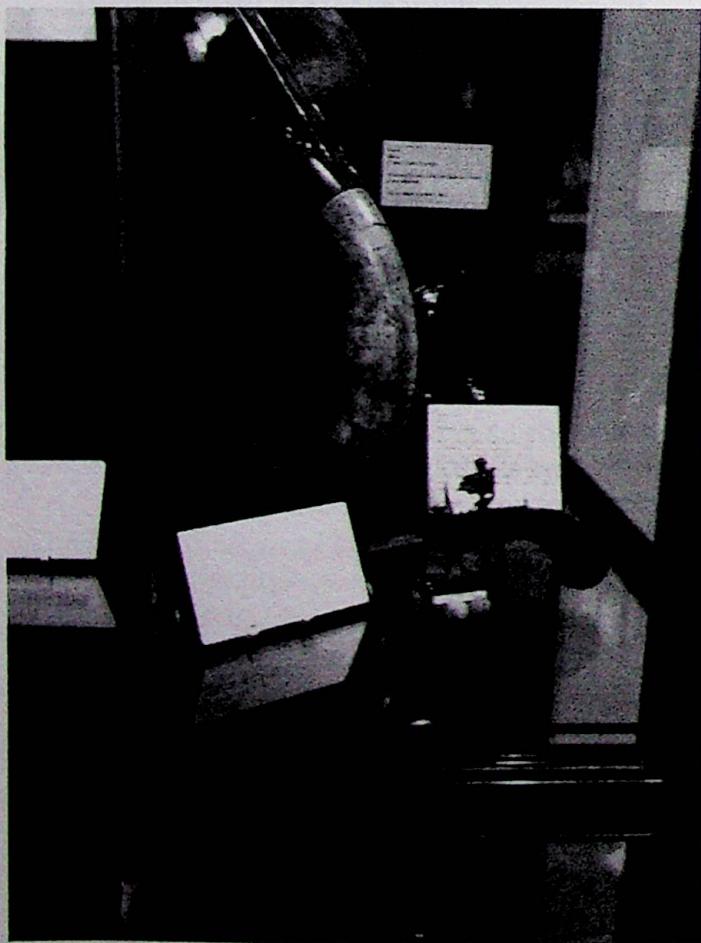
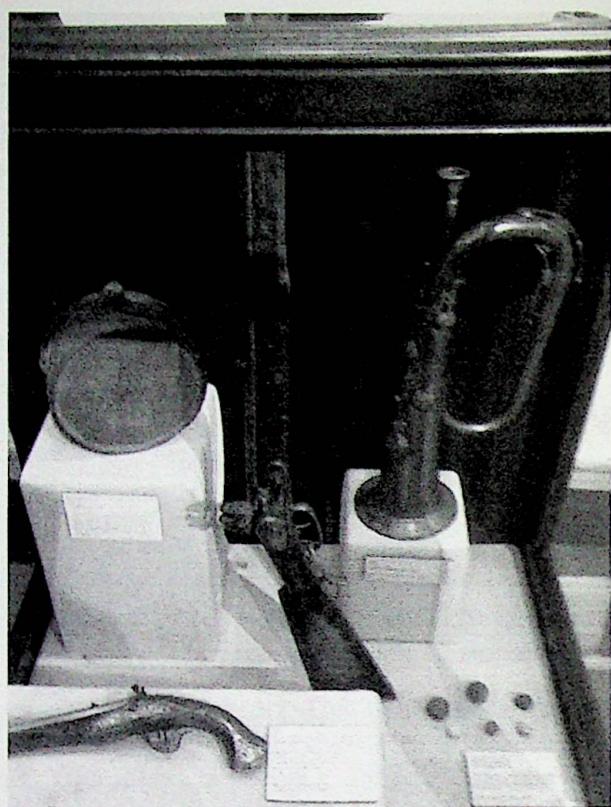
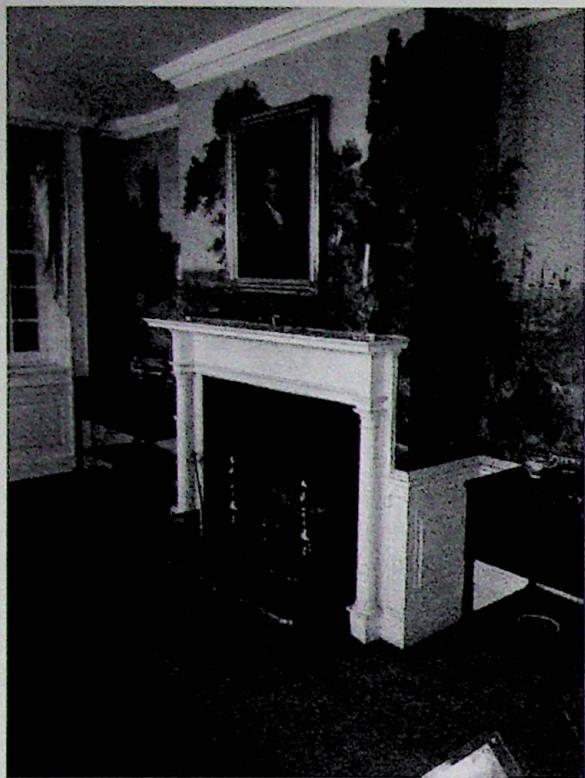
Visitors can view a wide array of

paintings, documents and furnished tavern rooms. There is a modest display of weapons in several rooms, including several British style muskets, pistols, and a French sword. Other historical writings cited that the officers repaired to Fraunces Tavern in Pearl Street at 12 o'clock, where General Washington had chosen to meet and take his final leave. The General filled his glass with wine and turning to the officers said, "With a heart full of love and gratitude I now take leave of you. I most devoutly wish that your latter days may be as prosperous and happy as your former ones have been glorious and honorable." The officers escorted Washington from the tavern to the Whitehall Wharf, where he boarded a barge that took him to Paulus (Jersey City), New Jersey. Washington continued to Annapolis, where the Continental Congress was meeting, and resigned his commission.

Washington intended to leave for his beloved retreat at Mount Vernon.

Washington returned to Mount Vernon, but he would return to New York six years later to be sworn in as the nation's first President. The museum collection has an extensive display of items that describe many key American, French, Polish and other historical figures. Some of the descriptions vary from other accounts in historical descriptions, but are excellent to read. The weapons are not numerous in number and appear to be items of the general time period. Americans were forced out of New York early in the Revolution, and this may account for a lack of key New York and American weapons. There is no doubt that a more extensive array of weapons would be more interesting.

The commercial Tavern on the first floor is reconstructed with long tables with a very expensive fare. If affordable, it is worth the visit. Editor.



Photos of restored fireplace room
(Top Left).

Glass weapons cases.

WAGON WHEEL AMERICAN

SABER *Courtesy:* Virginian private collector.

This early American Cavalry saber was dubbed Wagon Wheel by several early U.S. collectors. It is a rare example of a New England fabricated sword. The hand guard was fashioned after the shape of a wagon wheel, with spokes shaped to resemble a wheel which provided protection to the hand area.

We have found no precise documents on the manufacture, name of manufacturer and specifications. Information on prior sales and other information is limited and there is very little information on its development and history.

Early American swords and in particular cavalry designs, are very rare, and most interesting is the lack of accurate and documented manufacture as well as exact time frame usage. As with the general colonial history, and Yankee Ingenuity, the design is Spartan and primitive, with steel blade, wooden grip, and brass hilt.

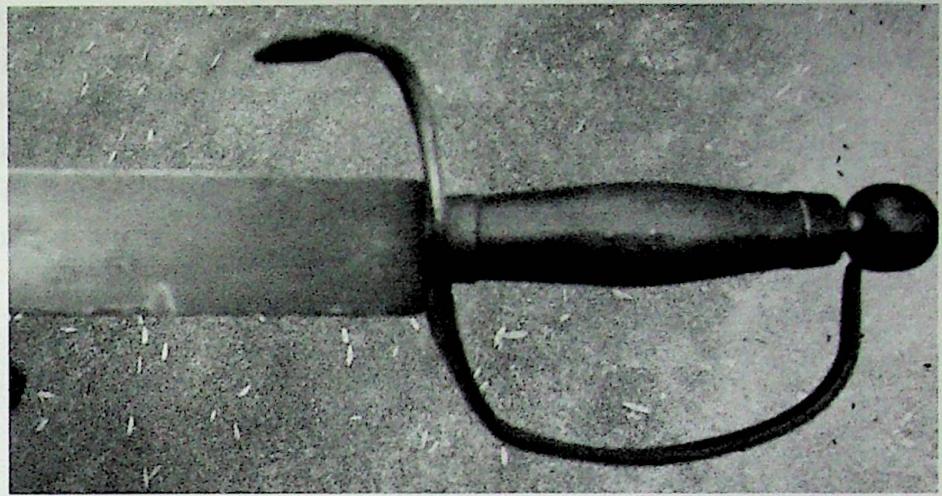
It is a true American sword with general cavalry design and rugged design. There are several floral and other light engravings on the blade. The grip appears to have had a wire wrap and displays the simple rugged manufacture of the period.



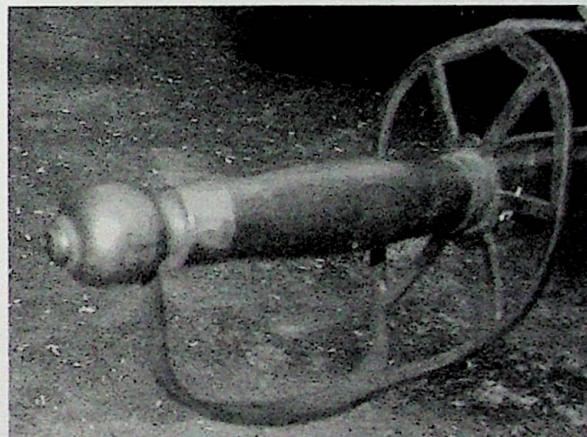


Photos of Wagon Wheel Sword with groove, point, and engraving.





Editor's note: We would like to hear from any of our readers concerning other known examples, historic data, manufacturer names, and specifications. Any data on private sales, sales at auction, or present owners would be of great interest.



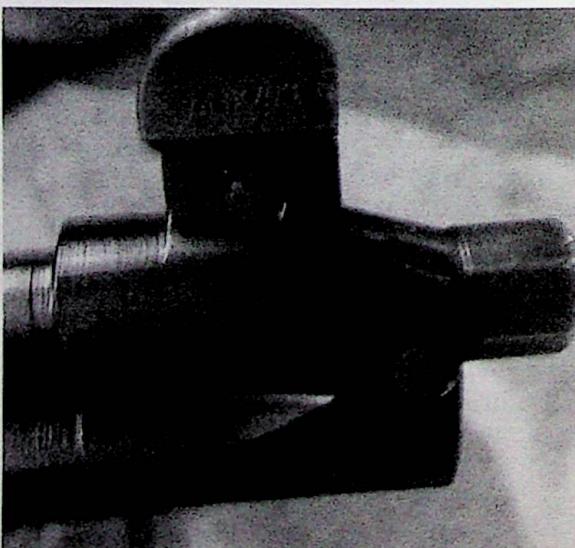
It is seldom that we encounter a very rare U.S. martial arm with little or no detailed history. Any information, photo, existence in a museum, or swords in private collections would be appreciated. Please email any ideas or data to: Editor, US Martial Arms Collector.

GARAND GAS TRAP RIFLE
SERIAL NUMBER 338 *Courtesy:*
Frank Pagano

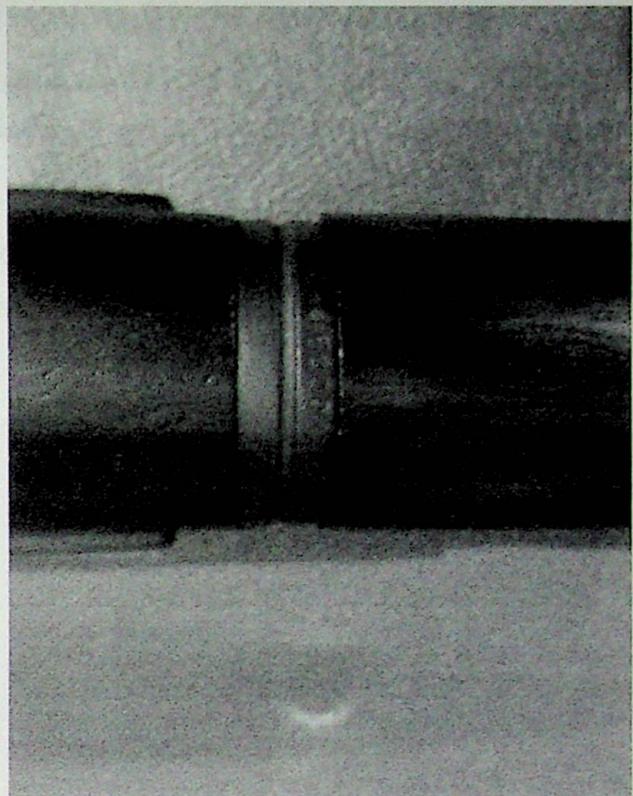
The early Garand rifle was designed by Canadian born John C. Garand. This early rifle design was called a gas trap with the early gas cylinder, 22 inch barrel, no trap butt plate and many other different small parts. This model was made at Springfield Armory between 1936 and 1940. Later models were improved with a variety of new designs and parts. The guns are very rare and it is estimated that about 75 original rifles exist. Restored examples are also known that are made with obsolete original parts and also newly made parts. There are also mixtures of parts in rifles that are worth considerably less in value. Recent sales of an original in exact original condition run in the \$ 50,000 to \$ 65,000 range. A restored rifle is worth about 10% or less of that value. The stock, barrel, and gas cylinder assembly are the key original design parts.

Any collector must be very careful in buying this model and it may be impossible to detect one will all original parts that has been restored. An internal welding change can be detected by known collectors, in the inside rail. This rifle was shown in the book, "The Gas Trap Garand". The current photos were taken at a recent gun show.

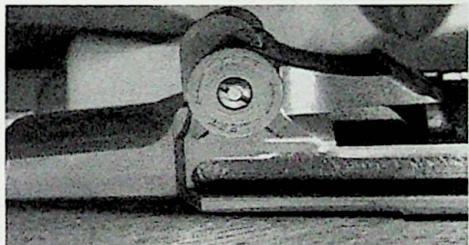
Rifles exist with the same general design starting in the 1920's and were in both 30 caliber and 276 caliber. Collectors would be urged to obtain detailed data and several books on this subject. The 80 shop models were disassembled and no longer exist.



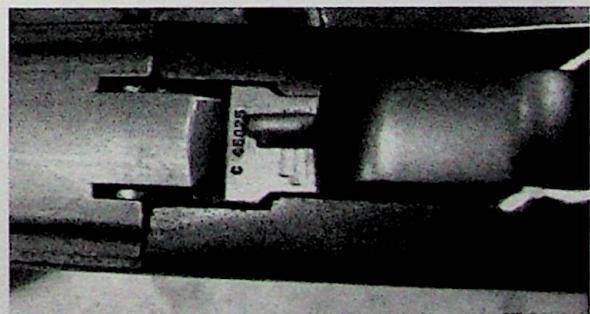
Gas Trap hand guard band with drawing number. Milled with groove. Right.



Gas Trap Sight. Below.

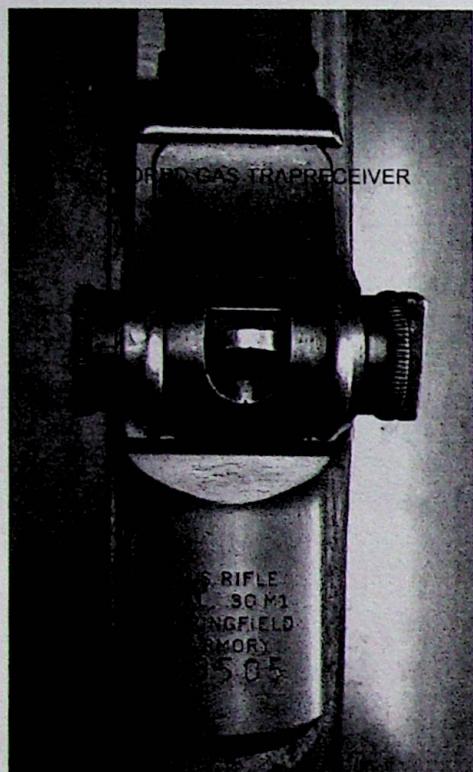


Gas Trap Trigger Housing, Milled with Markings

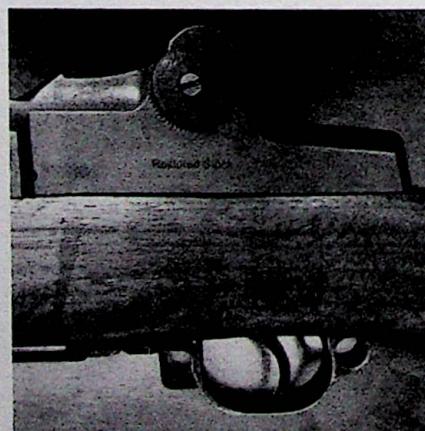
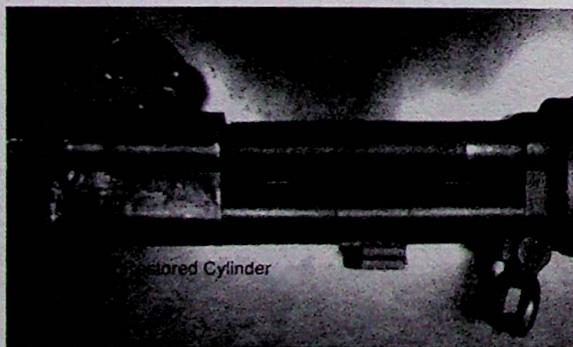
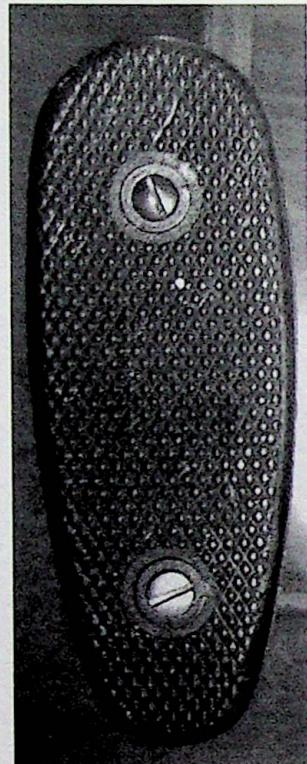


Editor's Note: The Gas Trap shown below has been restored. It is shown as a comparison to the original above. Skilled examination is needed for all original weapons.

M1 GARAND GAS TRAP RESTORED



RESTORED BUTT PLATE



General William T. Sherman's Breach loading Model 1869 Springfield Armory Pistol # 4 (Armory fabricated to his specifications). R. L. Newlin

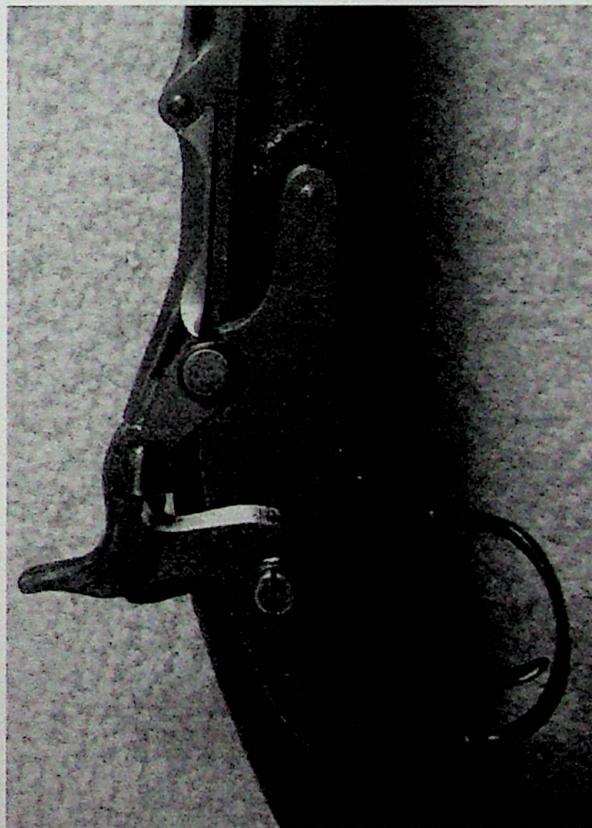
In the fall of 1869 a personal proposal was mandated to the department of the armory to fabricate a special breach loading single shot pistol .50 caliber design using the trapdoor style breach currently in use by the Army. The personal notes of this unique and truly "one of a kind" special order weapon will now be quoted for the reader, taken from the personal ledger notes of Springfield Armory officer Colonel Frank H. Phipps. Ledger heading: Breach Loading .50 caliber Pistol #4.

12/1869 Made up to the special specifications as requested by General W.T. Sherman. Site to 300 and 500 yard range respectively, all external parts to be favorable in any hard field use conditions. Pistol # 4 to be test fired at Armory prior to General Sherman's acceptance or delivery. Do not ship pistol #4 to Washington office, General Sherman to take possession of .50 caliber #4 personally at the armory in Springfield in mid January.

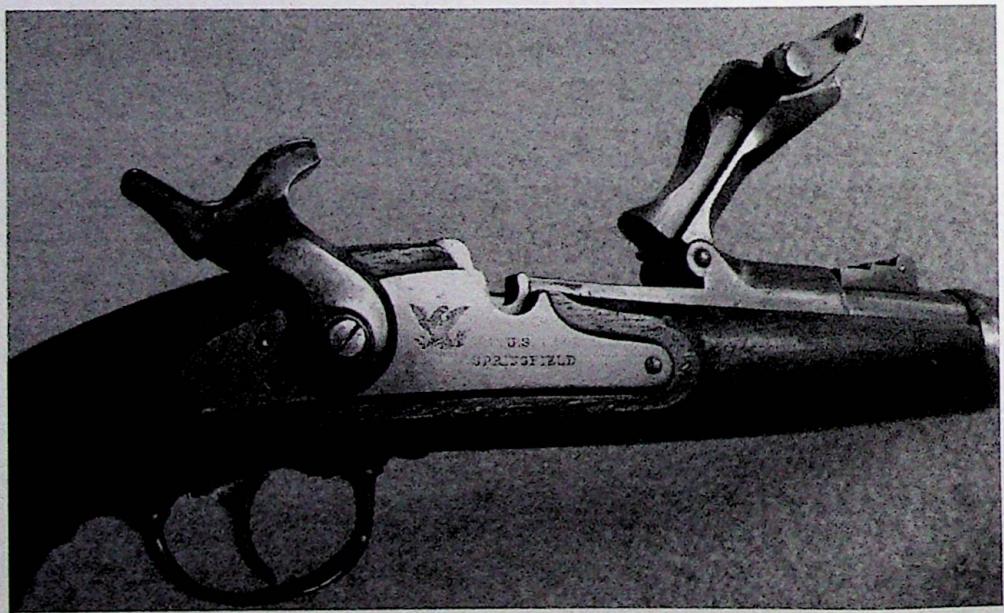
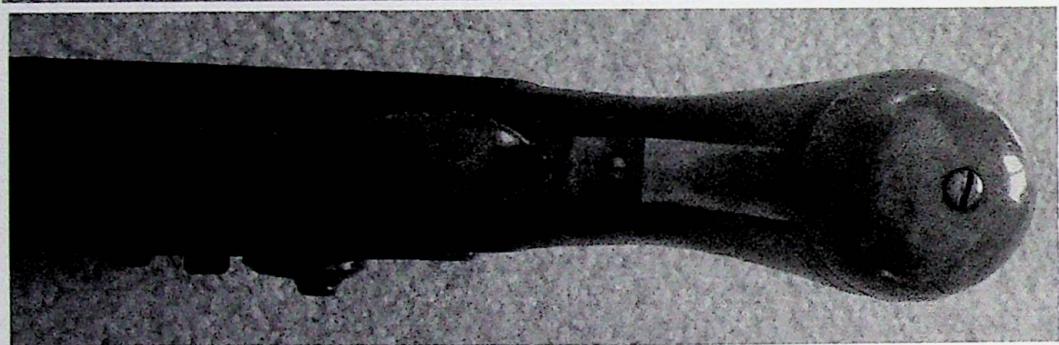
01/1870. General Sherman arrived. "He had great success in the test firing of .50 caliber pistol # 4 with six shots making the mark at 300 yards and 4 of 6 at 500 yards. The General stated #4 was too bulky for practical use by mounted cavalry troops, impressed with overall function and workmanship. Pistol #4 left at Armory office to be retrieved by General Sherman or staff member at a later date." end quote. No other notes were written on pistol # 4 from Col. Phipp's ledgers. One can only assume that General Sherman or a member of his staff never retrieved the experimental unique # 4 pistol from the armory. The special trap door pistol #4 passed into history and was forgotten at Springfield and never retrieved by General Sherman, resurfacing some 142 years later!

The following photos are of the General William T. Sherman special order breach loading trap door. .50 caliber pistol personally ordered to exact specifications in December of 1869 and referred to in armory personnel ledgers as pistol #4.

Notes taken from the personal armory ledger of Colonel Frank Huntington Phipps, Armory Commander- Springfield Armory. (*Editor's note:*) Data taken from Armory Ledger as originally found and written.)



Caliber .50 Springfield Pistol #4 photos gun,
sights, and left side.





The photos of the Trap door Pistol show the Allin action, Civil War lock assembly, band, and modified stock. It is believed that the stock was manufactured separately and had extra wood attached. The brass but cap and straps were supplemented with a steel trigger guard.

The sights were manufactured for this experimental pistol with a two step rear sight for the 300 and 500 yard ranges. The front sight was machined and fixed to the barrel. The band is not completely known as to size and method of fixing in place. This large and quite heavy pistol used a large cartridge that had both multiple or duplex projectiles as well as single bullets. It appears that the ammunition was made by the Frankford Arsenal and had as many as 3 projectiles. We have located an unopened box of cartridges that will be written about in a later issue.

There are no swivels, bars or lanyard assemblies shown on the pistol. It is unknown if further additions would have been made.

Another trap door pistol is resident in the Smithsonian museum and it has no rear sight. The exact drawings and other manufacturing data has not been found and we often run into unique weapons that either lack the information or the information was never produced. It appears that General Sherman had an idea or suggestions from other officers that lead to this weapon. It is rare that a senior officer made sure that the weapon was made and tested for Army use. We are very fortunate to have readers and collectors that offer us data on historic weapons. It is very fortunate that the U.S. military has had our Nation Armory system that was capable and interested in developing the fine arms that were produced in the United States.

1903 Springfield finish on metal parts. Colonel L.M. Fuller 1919.

June 9, 1919.

From: Ordnance Office, Field Service, Maintenance Division.
To: Commanding Officer, Springfield Armory, Springfield,
Mass. (Thru Small Arms Division.)
Subject: Quotation from a report on inspection of Small Arms
at Infantry School of Arms, Camp Banning, Ga.

1. The following is a paragraph as quoted from a report submitted by the Armament Officer, Southern Armament District, on an inspection of Small Arms at the Infantry School of Arms:

"The Model 1903 rifle is used almost exclusively, and an inspection of these showed that while a majority of the metal parts were browned with Parker Rust Proof Process, yet in no single instance could a rifle be found that did not have some of the parts blued with the original bluing process that was in vogue before the Parker Process was adopted. These rifles were of both the Rock Island Arsenal and the Springfield Armory make. The parts that had been treated with the Parker Process were not considered to be as smooth and uniform as the work that is being done at this Arsenal. The fact that they had been assembled without regard to the kind of bluing that had been used, gave them a very cheap and unsatisfactory appearance. In our work at this Arsenal we have been very careful in assembling rifles to use only parts browned with one process for each rifle, and in packing them for final storage we are also keeping them separated. In this manner we hope to keep the quality of our work above the usual standard, and will continue to follow the method we have described unless orders to the contrary are received."

2. This is forwarded for remark.

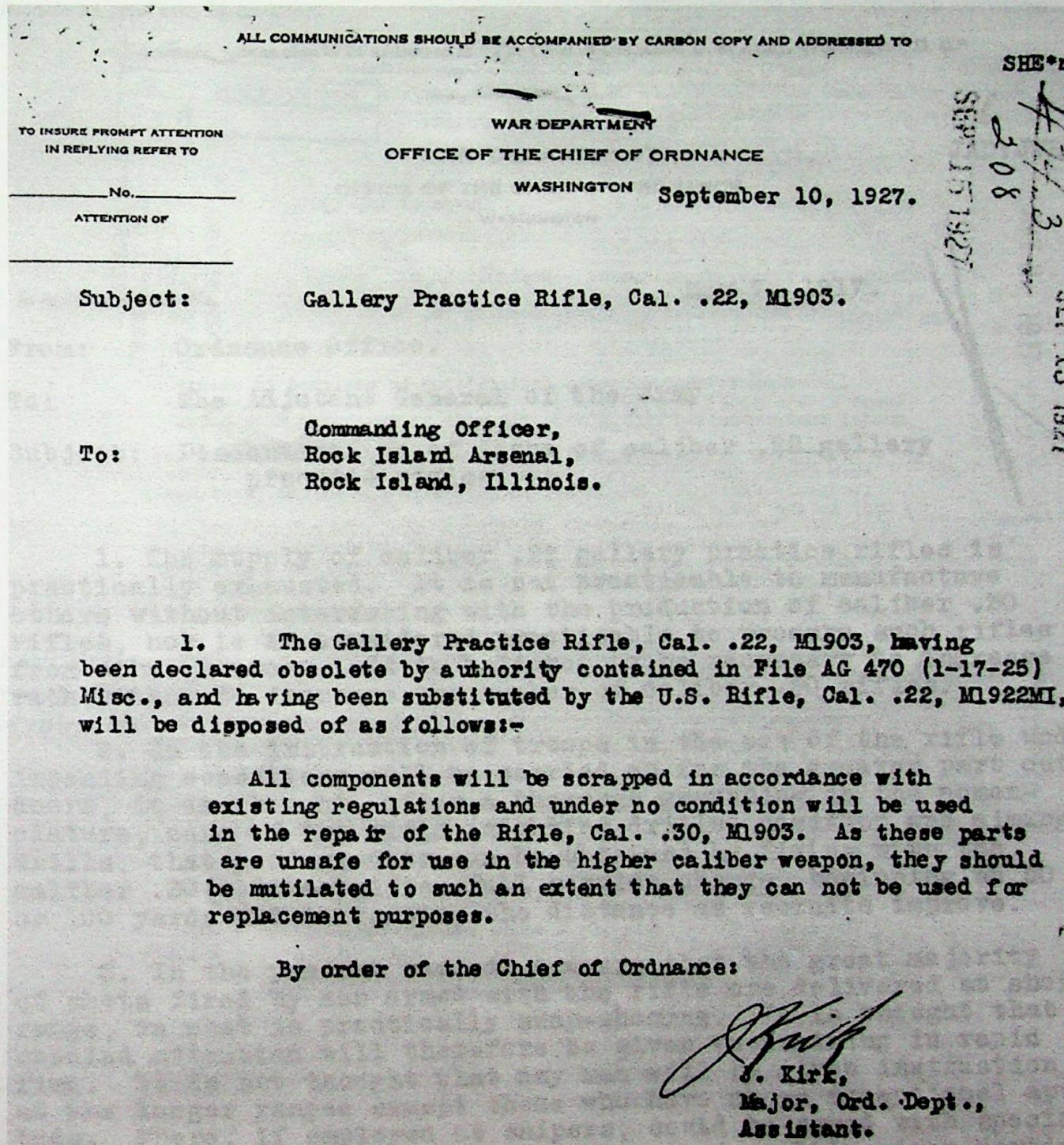
L.M. FULLER
Colonel, Ord. Dept., U.S.A.

By:
C.T. Richardson
Lieut. Col., Ord. Dept., U.S.A.

✓ Rifle 1903 - Inspection

MR 7:97

1903 SPRINGFIELD GALLERY PRACTICE NOTE FROM 1927



COLLECTOR NOTES FOR EARLY SEMI AUTOMATIC U.S. RIFLES

The following documents show the beginning rifles by Garand and Pedersen.

They show identification numbers and descriptions of the first experiments and give an accurate description of the early tests.

All communications shall be addressed to "Commanding Officer".

CLASSIFIED

JWJ/ref

REFINED OR STRIPPED BY

SPRINGFIELD ARMORY
SPRINGFIELD, MASS.

November 12, 1929.

474.2/18
NOV 14 1929
474.2
O.O. WAR DEPT.
1030

Subject: Types, Experimental - Designation of.

To: The Chief of Ordnance, Washington, D. C.

1. Request that suitable designations be assigned in accordance with Office Order #614, August 18, 1925, for the several experimental semi-automatic rifles recently made or now being made here.

2. Some of these designations have already been in common use such extent that they should now stand even if not what would be liberately assigned. These are indicated in the column "Previously Used" in the table below.

3. It is not possible at this time to cite drawing numbers, if these will be communicated later insofar as possible. At present identification is given as well as it may be.

EXPERIMENTAL TYPES OF SEMI-AUTOMATIC SHOULDER RIFLES CALIBER .30 AND CALIBER .276 (GARAND AND PEDERSEN PATENTS)

I t e m s	DESIGNATIONS	
	Previously Used	Recommended
The original Garand Cal..30; made at: Bureau of Standards as a full auto; brought by Garand to S.A. and there altered; now auto.or semi-automatic; operated by primer set-back; no marks; prior to July 1920 Ex.0.2833.	Garand Rifle	T-1919
The second Garand Cal..30; a semi-auto., operated by primer set-back; Browning type clip, now 5 round size; marked "Model No.2" "Dec.31,1920" (Ex.0.2833-2).	"Model 1920" and "Model 2"	T-1920

1. At A. A. D. 11-14-29 - 1 - 10:56

**Early Garand .30 caliber and .276 caliber
Rifles with descriptions and Test (T)
numbers and barrel lengths.**

I t e m s	DESIGNATIONS		
	Previously	Recommended	Used
(c) The third Garand Cal..30; a semi-auto., operated by primer set-back; no model, type, year or serial-number marks; completed July 1922; the pilot after which drawings for next item were made. (Ex.0.2833-3)	"Model 1922"		T-1922
(d) The 25 semi-auto. rifles, cal..30, (Garand) mfg. on S.A.Ex.0.3335 (for 24 rifles) for test by Inf. & Cav. Boards completed Feb. 1924; marked "2-24" and serial numbers 1 to 25 incl.; operated by primer set-back; similar to item "c" but many small differences; some changes after mfg. (Ex.0.4444) notably in barrel lengths - now two 20", ten 21" and thirteen 24". (Inadvisable to base type designation on barrel length)	"Model 1922"		T-1924
(e) The first Garand S.A. rifle of Cal..276; completed June 1929; operated by gas-piston with port between barrel and muzzle pieces; marked "U.S. Semi-Auto. Rifle T3 Cal..276 Garand Patents". (Tested by Board 1929).	"T3"		T3
(f) The improved Garand of Cal..276 now nearly completed; marked "U.S. Semi-Auto. Rifle T3" Garand Patents Cal..276 Springfield Armory Oct. 1929. Same principle as item "e", but gas port in barrel near muzzle and other differences	"T3"		T3
(g) The new Garand cal..30 semi-auto. rifle now under study; will be entirely different from items "a", "b", "c", & "d", resembling more the item "f"			T-1
(h) The 20 or so semi-auto. rifles cal..276 (Garand) expected to be mfg. on 1929 Board's recommendation; probably almost identical with item "f"			T3

- 2 -

I t e m s	DESIGNATIONS		
	Previously	Recommended	Used
(i) The original semi-auto rifle, cal..276 (Pedersen); operated by cartridge case set-back; made under Ex.0.3346 and contracts of 1923, 1924 & 1925; marked U.S.Semi-Auto. Rifle T1 Cal..276 Pedersen Patents, Original Model No.1"	"T1"		T1
(j) The 21 semi-auto rifles cal..276 (Pedersen) mfg. at S.A. made under Ex.0.3688 and contract of 1926; completed in 1927 and sent to Inf. & Cav. Boards etc.; minor differences from item "i" but generally similar; marked "U.S.Semi-Auto. Rifle T1 Cal..276 Pedersen Patents" and serial Nos. 2 - 21 and 23 (No. #22); 14 were long rifles and 4 (Nos. 2, 6, 15, 20) were carbines; 1 rifle this item (#11) was somewhat modified & presented to Board for Competitive Test of .276 Semi-Auto Rifles, July 1, 1929. (All 1929 Board's rifle, the others of item "i" and item "i" were so similar and the designation "T1" so widely used that they should all remain T1).	"T1"		T1
(k) The "improved type" of Semi-Auto Rifle, Cal..276 Pedersen or the contracts of 1926 & 1927 also operated by cartridge case blowback, but has hammer and other differences; Ex.0.368-13; completed April 1929; marked "U.S.Semi-Auto. Rifle T2 Cal..276 Pedersen Patents" also "B" serial No. "1"	"T2"		T2
(l) The semi-auto rifle or rifles cal..276 Pedersen now being made at S.A. under contract dated January 2, 1929; (Ex.0.368-15); same operating principle as item "k" but no hammer and numerous changes - few parts interchangeable with item "k"; parts being made in duplicate to avoid delays, probably two rifles will be assembled.	"Improved T2" or "Improved rifle"		T4

- 3 -

*Signature of Colonel J.W. Joyes
concerning records confusion.*

The underscored designations have had such usage (by Board for Competitive Test of .276 Semi-automatic Rifles, correspondence and otherwise) that change now would badly confuse the records.

J. W. JOYES
Colonel, Ordnance Dept.,
Commanding.

OO 474.2/1020

1st. Ind.

INDEXED/ma
SA 474.2/418

War Department, Ordnance Office, Washington, D. C., November 28, 1929.
To: The Commanding Officer, Springfield Armory, Springfield, Mass.

1. The Nomenclatures suggested by Springfield Armory in the basic letter for the caliber .30 semi-automatic weapons and the caliber .276 semi-automatic weapons are approved.

2. It is suggested that a tracing be prepared, one for the caliber .30 semi-automatic weapons and one for the caliber .276 semi-automatic weapons, on which the Nomenclatures are listed together with such information as is necessary to identify the various models, these tracings to be known as "Key Sheets".

3. Frankford Arsenal has employed a similar method in connection with the experimental ammunition and it has been successful. There is inclosed a blueprint of the Frankford Arsenal "Key Sheet" on the bullet A.P., caliber .276 T-1, which is representative of the forms prepared by Frankford Arsenal.

By Order of the Chief of Ordnance:

1. Incl. *Hand 1030*



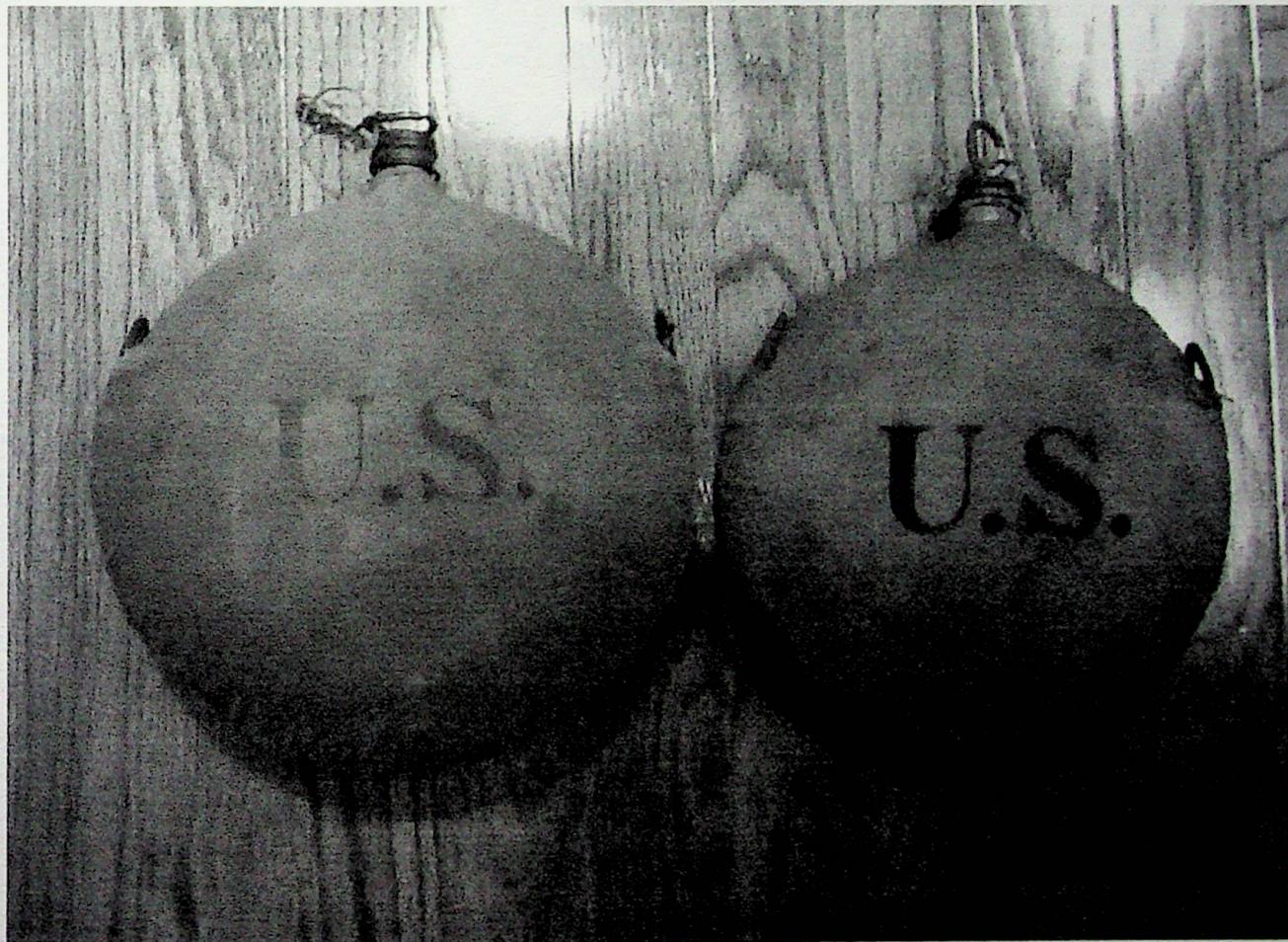
Notes on Springfield Armory concerning caliber.30 and caliber.276 "Key sheets" to identify various models of caliber.276 and caliber .30 rifles.

The different calibers of the rifles and the ammunition created confusion in the reporting system. During the development and testing times, reports caused questions on the number of rifles, the different types of ammunition, supplies, locations of ordnance, and budgeting for programs.

COPPER CANTEEN

Courtesy: Zack Leiner

The canteen made of copper and shown on the left next to a standard size, was used in the 1905 to 1910 time frame. It was thought that medical conditions could be improved with a new design and material. The canteens are quite rare and the quantity is unknown. They were manufactured by Frankford Arsenal. The covers were of the same material with similar metal strap attachment devices. The size is of unknown origin and design. The 2 quart size may have been for additional water requirements for both horse and cavalry man.

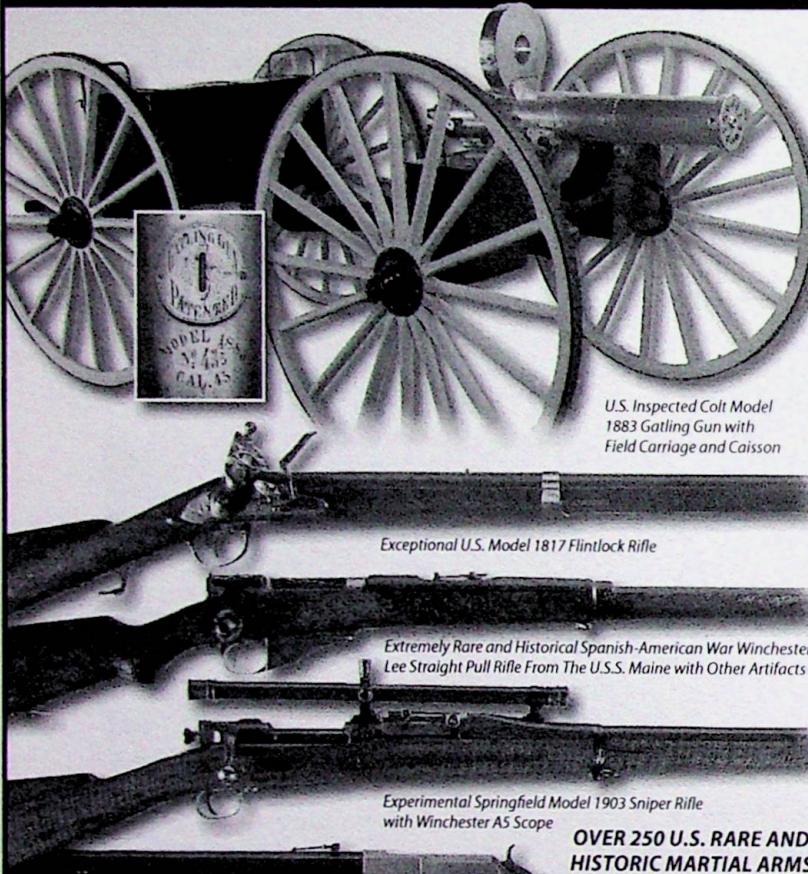


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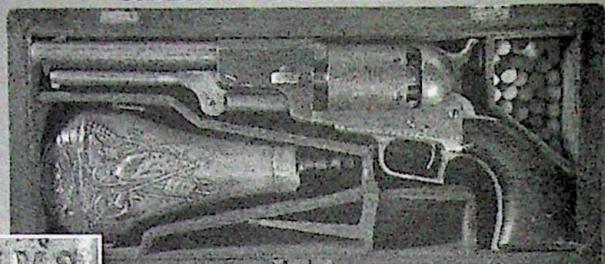
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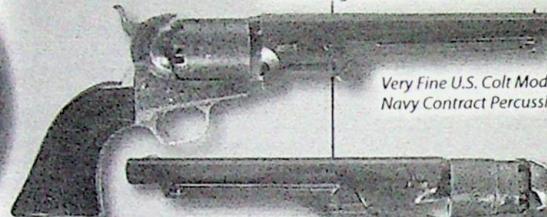
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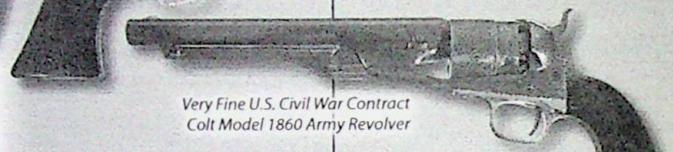
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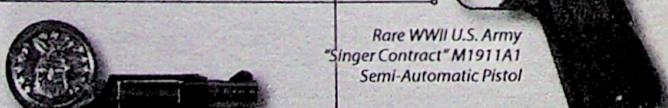
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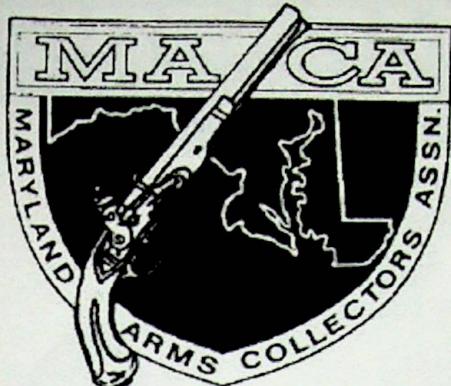
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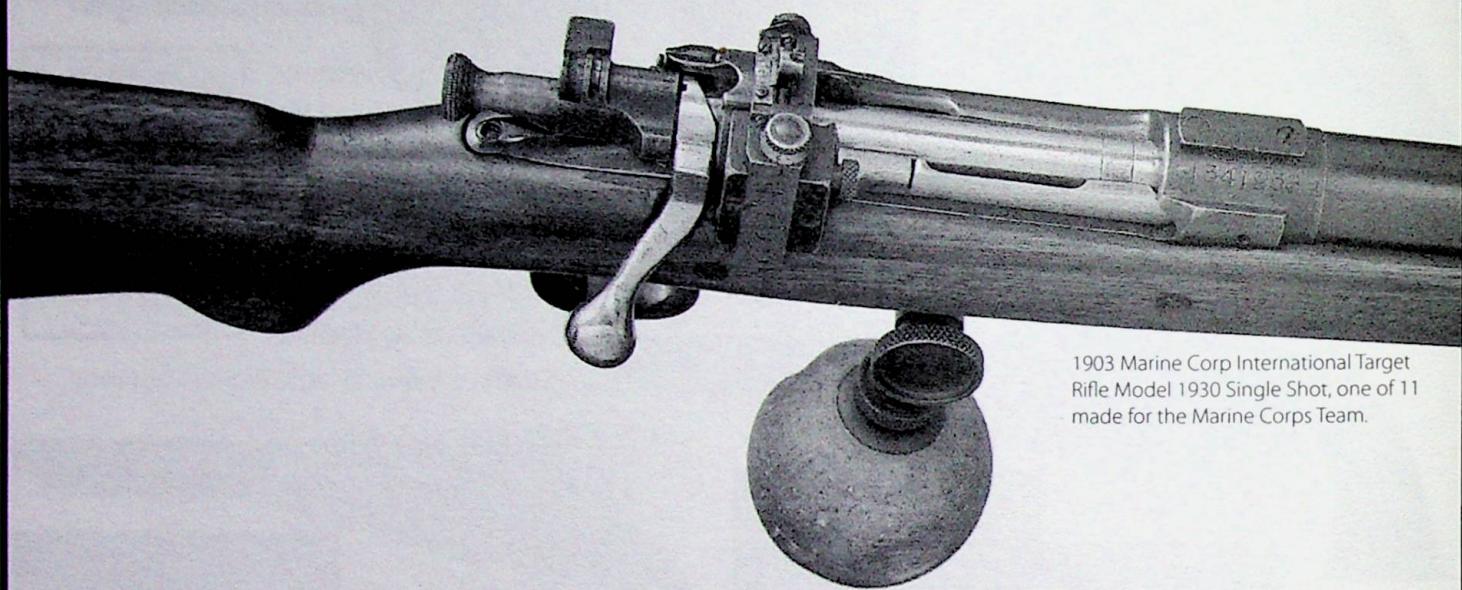
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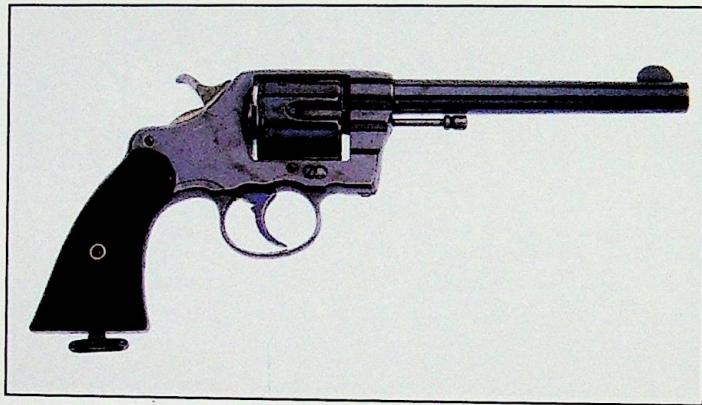
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