

Springfield Research Newsletter

ISSUE NUMBER 40
Jan. - Mar., 1987

INFORMATION SOURCES FOR THIS ISSUE

- * Letters Received, Office of the Chief of Ordnance (OCO), 1870-86
- * Records of Regular Army Units
- * General Correspondence, Office of the Chief of Ordnance, 1924-31
- * Records of the California National Guard Quartermaster

SPRINGFIELD RESEARCH NEWSLETTERS - THE FIRST 40 ISSUES

Following the publication of this issue of the Newsletter, I will begin collating all back issues on hand and producing bound sets of the first 40 issues. These will be complete with all information except serial numbers (which, of course, are contained in the SERIAL NUMBERS OF US MARTIAL ARMS series). There will be a comprehensive index to make it easy to find all information on a particular model of arm, appendage, etc.

The price of this volume will be \$40, and I do not envision that they will be sold through dealers; basically, they are intended for new subscribers. If you are a recent subscriber (or even an old one) and would like one of these, call or write and you will be put on the list. This will be a very limited edition.

TRAPDOOR-ERA NOTES

The following notes are out of sequence with those in prior newsletters. They are based on material in boxes that were skipped over previously.

* 2,000 Springfield muskets were converted to breech loaders for Colombia in 1870.


* 400 Model 1866 Cadet muskets were sold to Kentucky in 1870; 100 were kept for use by cadet recruits.

* The breechblock arch was filled in on all arms made subsequent to Oct. 20, 1878. A lip was put on the hammer in Jan., 1880.

* In May, 1879, the rim of the service revolver cartridge case was enlarged .008-in. to accomodate the Merwin & Hulbert revolver.

* 600 7th Cavalry carbines with serial numbers below 50,000 were replaced in Nov., 1879.

* The order to omit the stacking swivels from carbine bands was given in Dec., 1879.



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* Col. Benton submitted a model rod bayonet rifle to the Secty. of War on May 29, 1880. Approval was given to make 1,000 for trials.

* Winchester exchanged many Hotchkiss carbines for the improved model starting in Dec., 1880. There were a lot of problems with the mainsprings and other parts of the Hotchkiss arms.

* The round-ball gallery practice cartridge was developed in early 1880.

* Improved Smith & Wesson Schofield revolvers were submitted to a trial in 1880.

* Frankford Arsenal carried out experiments with wooden bullets in 1880.

* A modified buckhorn sight was proposed by Capt. P. H. Remington in March, 1880 (see figure below).

* In April, 1880, Gen. J. N. Reece of the Illinois National Guard wrote to Gen. Benet claiming to have succeeded in adapting his butt magazine holding 8 cartridges to the Springfield rifle.

* Also in 1880, a tubular bayonet was proposed by Lt. E. Zalinsky (see figure below).

* Starting in June, 1886, wads were omitted from carbine cartridges because it was determined that they caused inaccuracy. Total length of the cartridge was decreased to 2.45-in., and loading tools were revised. This cartridge was designated the Model 1886 Carbine Cartridge.

* In Dec., 1886, Col. Kelton's safety stop was applied to 25 S&W Schofield revolvers. They were issued to Troop I, 1st Cav., for trial.

* Experimental carbines were issued for field trials starting in July, 1886. They went to Ft. A. Lincoln, Cheyene, Ft. Leavenworth, and Vancouver Barracks Ord. Depots and Benicia and San Antonio Arsenals.

* By Aug., 1886, the front sight cover was considered a part of the arm.

SERIAL NUMBER DATA IN THIS ISSUE

Trapdoor numbers in this issue are all from the early Ordnance Dept. records; they include 50 more Model 1884 rod bayonet rifles and one long range rifle (no. 110069 may also be a long range rifle; the correspondence does not give its model).

The Model 1903 rifle and Model 1911 pistol numbers were mostly found in field records. Note that "B&B SIGHT" in M1903 rifle usage stands for the Bassell & Blenkner sight (see illustration pg. 4, Newsletter 24; also pg. 466, The Springfield 1903 Rifles, by Brophy).

Thanks are due to Eric Archer for furnishing data on the Calif. NG Model 1911 pistols, which he obtained from records of a former quartermaster.

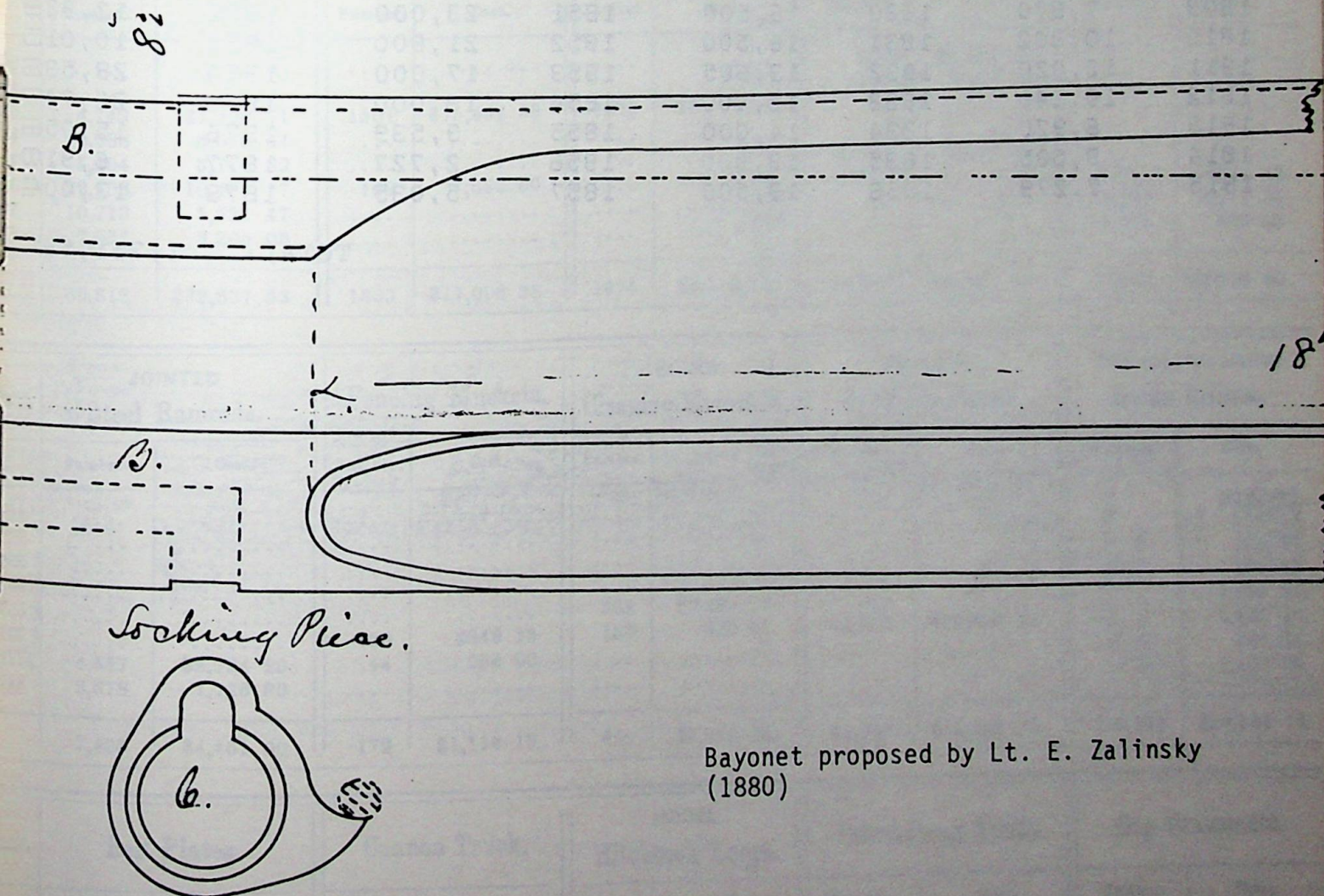
PRODUCTION SUMMARIES AND OTHER MATERIAL

This issue continues the publication of the interwar production summaries. There are also a number of miscellaneous illustrations and a summary of all Springfield production up to 1879.

TRADING POST

WANTED: USMC Kollmorgan 'scope and mount, M73B1 Weaver 'scope, M1908 Warner & Swazey 'scope, Armorer tool chest for '03. Thomas J. Mulligan, 222 Sunset Ave., Island Park, NY 11558.

WANTED: Bayonet for Springfield Model 1869 Cadet rifle. Frank Mallory, 724 Springloch Road, Silver Spring, MD 20904.



Bayonet proposed by Lt. E. Zalinsky
(1880)

FABRICATION OF ARMS AT SPRINGFIELD ARMORY
1795 - 1878

Muskets, Rifles, & Carbines, and Model & Sample Arms

1795	245	1816	7,199	1837	14,500	1858	11,205
1796	838	1817	13,015	1838	15,000	1859	13,006
1797	1,028	1818	13,000	1839	10,000	1860	9,661
1798	1,044	1819	12,250	1840	5,967	1861	13,805
1799	4,595	1820	13,200	1841	10,700	1862	102,410
1800	4,862	1821	13,000	1842	9,724	1863	217,784
1801	3,205	1822	13,230	1843	4,690	1864	276,200
1802	4,358	1823	14,000	1844	7,656	1865	195,341
1803	4,775	1824	14,000	1845	12,107	1866	2,405
1804	3,566	1825	15,000	1846	14,265	1867	25,695
1805	3,535	1826	15,500	1847	14,507	1868	27,848
1806	2,018	1827	14,500	1848	15,982	1869	2,219
1807	5,692	1828	15,500	1849	16,238	1870	46,229
1808	5,870	1829	16,500	1850	20,171	1871	31,992
1809	7,670	1830	16,500	1851	23,000	1872	12,939
1810	10,302	1831	16,500	1852	21,800	1873	10,015
1811	12,020	1832	13,605	1853	17,000	1874	28,536
1812	10,140	1833	12,400	1854	13,000	1875	26,747
1813	6,920	1834	14,000	1855	9,539	1876	15,056
1814	9,585	1835	13,000	1856	2,727	1877	6,910
1815	7,279	1836	13,500	1857	5,035	1878	13,004

TOTAL: 1,751,561

FABRICATION OF ARMS AT SPRINGFIELD ARMORY 1795 - 1878

Special Arms, Equipments, Appendages, etc.

Year.	OFFICERS' RIFLES.		LEE GUNS.		Altering and Repairing Spencer Rifles.		Work on Morse Breech-Loader, INCOMPLETE.		CADET SWORDS.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
1860	.....	.....	.....	.....	.....	.....	.....	\$1,374 49	.....	.....
1861	.....	.....	.....	.....	.....	.....	.....	2,179 56	.....	.....
1868	.....	.....	.....	.....	.....	.....	.....	.....	36	1,676 22
1872	.....	.....	.....	.....	1108	\$13,292 79	.....	.....	.....	.....
1874	3	\$136 24	.....	.....	.....	.....	.....	.....	25	339 04
1875	10	305 50	145	\$10,332 66	.....	.....	.....	.....	.....	.....
1876	88	3,168 00	.....	.....	.....	.....	.....	.....	28	381 94
1877	140	5,040 00	.....	.....	.....	.....	.....	.....	.....	.....
1878	1	36 00	.....	.....	.....	.....	.....	.....	.....	.....
	242	\$8,685 74	145	\$10,332 66	1108	\$13,292 79	.....	\$3,554 05	89	\$2,397 20

Year.	STEEL Bayonet Scabbards.		Officers' Swords AND SCABBARDS.		Officers' Scabbards AND SWORD CASES.		Trowel Bayonets.		HEADLESS SHELL Extractors.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
1800	.....	.....	.....	.....	.....	.....	202	\$3,175 25	.....	.....
1811	.....	.....	.....	.....	.....	.....	504	3,089 09	.....	.....
1833	4,749	\$4,490 71	1501	\$15,464 38	1674	\$6,113 50	.....	.....	.....	.....
1841	10,988	6,059 24	.....	.....	.....	.....	.....	.....	.....	.....
1851	5,204	3,114 89	.....	.....	.....	.....	10,000	40,430 06	.....	.....
1861	22,108	10,486 17	102	1,632 00	.....	.....	.....	.....	1,023	\$368 70
1871	10,713	5,531 47	.....	.....	.....	.....	.....	.....	15,707	4,712 10
1881	7,051	3,205 05	.....	.....	.....	.....	.....	.....	2,378	475 60
	60,813	\$32,887 53	1603	\$17,096 38	1674	\$6,113 50	10,706	\$46,694 40	19,108	\$5,556 40

Year.	JOINTED Steel Ramrods.		Fencing Muskets.		BOXES Cleaning Materials.		METCALFE Cartridge Blocks.		Fabricating and Altering Screw Drivers.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
1801	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$197 11
1802	.....	.....	.....	.....	.....	.....	.....	.....	.....	512 55
1803	.....	.....	.....	.....	.....	.....	.....	.....	.....	636 27
1804	.....	.....	.....	.....	.....	.....	.....	.....	.....	494 77
1805	.....	.....	.....	.....	502	\$2,401 74	.....	.....	.....	4,052 39
1806	.....	.....	128	\$849 13	150	876 61	31,000	\$12,252 78	.....	1,829 10
1807	4,557	\$2,734 20	44	264 00	.....	.....	.....	.....	.....	942 65
1808	2,878	1,726 80	.....	.....	.....	.....	.....	.....	.....	1,479 30
	7,435	\$4,461 00	172	\$1,113 13	652	\$3,278 35	31,000	\$12,252 78	142,558	\$10,144 14

Year.	Belt Plates.		Cannon Truck.		MODEL Hitchcock Forge.		Intrenching Tools.		Cap Ornaments.	
	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
1875	.....	.....	.....	.....	.....	.....	10,000	\$7,896 69	.....	.....
1876	425	\$636 00	1	\$950 00	1	\$963 06	.....	.....	452	\$240 23
1877	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
	425	\$636 00	1	\$950 00	1	\$963 06	10,000	\$7,896 69	452	\$240 23

SPRINGFIELD ARMORY PRODUCTION

Fiscal Year 1924

Principal Articles ManufacturedA. RIFLES1. RIFLE, U.S., CAL. .30, MODEL OF 1903

- 3,290 U.S. Rifle, Cal. .30, Mod. of 1903
- 1,000 U.S. Rifle, Cal. .30, Mod. of 1903, stargauged
- 2,979 Rifles, U.S., Cal. .30, Mod. of 1903, National Match
- 150 Rifles, U.S., Cal. .30, Mod. of 1903, National Match, with pistol grip stocks and Cal. .22 butt plates
- 3 Rifles, U.S., Cal. .30, Mod. of 1903, National Match specifications and with pressure gauges
- 1 Rifle, U.S., Cal. .30, Mod. of 1903, National Match specifications and with pressure gauge with double yoke
- 76 Bands, lower, for smooth turned barrels and sporting model stocks
- 235 Barrels, assembly, stargauged
 - 1 Barrel, assembly, stargauged, without fixed base
 - 1 Barrel, assembly, smooth turned and polished
 - 8 Barrels, assembly, stargauged, without fixed base, smooth turned and polished
 - 2 Barrels & Receivers, assembly, without fixed base and not browned or parkerized
 - 18 Barrels & Receivers, assembly, stargauged, (National Match)
 - 5 Barrels & Receivers, assembly, stargauged, without fixed base, pin & spline (barrel polished)
 - 1 Barrel & Receiver, assembly, stargauged, without fixed base, pin & spline (barrel polished and fitted for Lyman sight)
 - 20 Barrels & Receivers, assembly, stargauged, with bolt mechanisms complete (National Match)
 - 2 Barrels & Receivers, assembly, with actions complete
 - 1 Barrel & Receiver, assembly, with action complete (barrel without fixed base, pin & spline)
 - 5 Bolts, assembly, National Match
 - 18 Locks, safety, assembly (reversed)
 - 110 Mainsprings, 5 1/2" long (for special match rifles)
 - 75 Mechanisms, bolt, assembly, polished and with reversed safety locks and cocking pieces cut off
 - 10 Mechanisms, bolt, assembly, parkerized and with reversed safety locks and cocking pieces cut off
 - 3 Mechanisms, bolt, assembly, National Match
 - 51 Pieces, cocking (for special match rifles)
 - 5 Pins, firing, assembly, with cocking pieces cut off for reversed safety locks (National Match)
 - 30 Plates, butt, assembly (special)
 - 2 Receivers, assembly (browned)
 - 2 Receivers, assembly (not parkerized)
 - 8 Receivers, assembly, National Match
 - 16 Receivers, assembly, drilled for Lyman sights
 - 50 Receivers, assembly, drilled for Lyman Sight (National Match)

- 33 Receivers, assembly, drilled and tapped for Lyman sights and with front end rounded
- 1 Receiver, assembly, with complete action (National Match)
- 167 Sears (National Match)
- 345 Stocks, pistol grip, per O. O. Sketch No 293-B
- 75 Stocks, pistol grip, Mod. 1922, grooved for Cal. .30 polished barrel without fixed base
- 25 Stocks, pistol grip, Mod. of 1922, grooved for Cal. .30 polished barrel with fixed base
- 6 Studs, front sight fixed, similar to the Model 1917 with sight blade the width of the present Model 1903 (Sketch Ex. 1009)
- 1 Trigger (knurled)

B. SHOTGUN, WINCHESTER REPEATING, 12 GAUGE, MODEL OF 1897, RIOT

- 50 Bows, swivel, front)Partially finished parts
- 50 Guards, hand) in store completed

C. MISCELLANEOUS

- 277 Blades, foils
- 219 Blades, sword
- 62 Foils, fencing, complete
- 25 Grips, sword, extra
- 1 Sword, fencing, complete
- 75 Swords, fencing, complete
- 2 Wrenches, windage screw
- 30 Barrels, sub-caliber, Cal. .30, for sub-caliber & drill cartridge for 2.95" mountain gun
- 39 Barrels, Accuracy, Cal. .30, stargauged, 24" long, 1.5" dia., with Mann rings, 1.675"
- 21 Barrels, Accuracy, Cal. .30, stargauged, 24" long, with Mann rings 1.675" and with receivers, bolt mechanisms and trigger actions
- 1 Barrel, Accuracy, Cal. .22, stargauged, 24.5" long, 1.25" dia., with Mann rings 1.375" and with complete action
- 7 Barrels, Accuracy, Cal. .50, 36" long, 2.25" dia. at breech and 1.90" at muzzle, with Mann rings 2.750" and with receivers and actions complete
- 25 Barrels, rifle, Cal. .30, for Horney pressure gauge
- 4 Barrels, rifle)For use in development of Pedersen Semi-auto.
- 2 Barrels, pressure)Rifle
- 1 Barrel, pressure, Cal. .50 without pressure gauges, 18" twist of rifling
- 4630 Devices, Aiming, Model of 1923, each with 1 extra glass
- 1 Fixture, for accuracy firing

ALTERATIONS AND REPAIRS

A. PISTOLS

1. PISTOL, AUTOMATIC, CAL. .45, MODEL OF 1911

233 Pistols, Automatic, Cal. .45, Model of 1911, National Match
(repaired)

B. RIFLES

1. RIFLE, U.S., CAL. .30, MODEL OF 1903

480 Rifles, U.S., Cal. .30, Model of 1903, National Match (Repaired)

C. SABERS

1. SABER, CAVALRY, MODEL OF 1913

195 Sabers, Cavalry, Model of 1913 (repaired)
309 Scabbards, Cavalry Saber, Model of 1913 (repaired)

D. EQUIPMENT, NATIONAL MATCH

92 Boxes, Kit, "Kennedy"
73 Lamps, acetylene, "Justrite"
35 Micrometers, rear sight adjuster, "British"
385 Micrometers, rear sight adjuster, "O'Hare"
23 Oilers, Noera "C"
120 Protectors, rear sight

BENICIA ARSENAL PRODUCTION

Fiscal Year 1925

SMALL ARMS SHOP

Cutting down Krag Rifles for sale

Fiscal Year 1927

Overhauled, cleaned, and repaired

2,300 Rifles, cal. .30, Mod. 1898, cut to carbine length

Fiscal Year 1928

Cleaned & Repaired

4,900 Rifles, U. S. Magazine, Cal. .30, M-1898 (Krag), cut down to carbine dimensions and fitted with M-1903 rifle front sight

Fiscal Year 1930

Cleaned & Repaired

3,845 Rifles, U. S., cal. .30, M1898 (Krag), cut down to carbine dimensions and fitted with M1903 rifle front sight

ROCK ISLAND ARSENAL PRODUCTION

Fiscal Year 1925

SMALL ARMS MATERIAL

Revolvers, Rifles, Pistols and Spare Parts, etc.

1. Rifles

- 6,356 Rifles, U.S., Cal. .30, M.1903 (Overhauled & Repaired)
- 12,000 Slides, Drift, for U.S. Rifles, M.1903 (Modified to .06 peep)
- Tools, Jigs, and Fixtures for U.S. Rifles, Cal. .30, M.1903
- 2,297 Rifles, U.S., Cal. .30, M.1917 (Overhauled & Repaired)
- 8 Rifles, Winchester Single Shot, Cal. .22 (Overhauled & Repaired)
- Spare Parts for Single Shot Winchester Rifles, Cal. .22, M.1887
- 2 Slings, Web Gun, Experimental

2. Pistols and Revolvers

- 2,936 Pistols, Automatic, Cal. .45, M.1911 (Overhauled & Repaired)
- 317 Revolvers, Smith & Wesson, Cal. .45, M.1917 (Overhauled & Repaired)
- 500 Pins, Ejector Positioning for Smith & Wesson Revolver, Cal. .45, M.1917
- 1,607 Revolvers, Colts, Cal. .45, M.1917 (Repaired)
- 9 Holsters, Pistol, M.1916 (Overhauled & Repaired)
- 1 Holster, Revolver, Cal. .45 (Overhauled & Repaired)
- 6 Lanyards, Pistol, Experimental

3. Shotguns

- 250 Guns, Winchester Shot, 12 Gauge, Riot, M.1897 (Overhauled & Repaired)
- 18 Guns, Remington Shot, 12 Gauge, Riot, with Bayonet attachment (Repaired)

4. Hand Arms

- 2,454 Bayonets, Model 1917 (Overhauled & Repaired)
- 413 Bayonets, Model 1905 (Overhauled & Repaired)
- 57 Scabbards, Bayonet, M.1905, Modified (Overhauled & Repaired)
- 4,060 Scabbards, Bayonet, M.1910 (Clean & Repair)
- 2,407 Scabbards, Bayonet, M.1917 (Overhauled & Repaired)
- 69 Scabbards, Bolo, M.1910 (Cleaned & Repaired)

SPRINGFIELD ARMORY PRODUCTION

Fiscal Year 1931

Principal Articles Manufactured

3,579 Rifles U.S. cal. .30, M1903, National Match; (2,175 of these were reconstructed from used National Match Rifles).
1,084 Rifles, U.S. cal. .30, M1903, Sporting Style, N.R.A.
330 Rifles, U.S. cal. .22, M1922M1.
296 Rifles, U.S. cal. .22, M1922M1, with NRA stock and butt plate.
21 Rifles, Garand Semi-automatic, cal. .276, T3E2.
44,431 Barrels, assembly, for U.S. Rifle, cal. .30, M1903.
100 Barrels, sporting, for U.S. Rifle, cal. .30, M1903.
921 Barrels, assembly, for U.S. Rifle, cal. .22, M1922M1.
115,785 Barrels, for Automatic Pistol, cal. .45, M1911.
5,099 Barrels, for Colt Revolver, cal. .45, M1917.
89 Barrels, pressure, cal. .30.
65 Barrels, accuracy, cal. .30, Stargauged with Mann Rings, receivers, bolt mechanisms, etc.
50 Barrel and Receivers, assembly, for U.S. Rifle, cal. .30, M1903, National Match.
51 Barrel and Receivers, assembly, for U.S. Rifle, cal. .30, M1903, Sporting.
53 Barrel and Receivers, assembly, for U.S. Rifle, cal. .22, M1922M1.
332,083 Receivers, assembly, for U.S. Rifle, cal. .30, M1903.
Miscellaneous parts for Rifles, Pistols, Bayonets, & Machine Guns.

Principal Articles Overhauled, i.e., Renovated

25,565 Rifles, U.S., cal. .30, M1903.
916 Rifles, U.S., other shoulder types.
200 Shotguns.
2,537 Pistols and revolvers.
Various automatic rifles, machine guns, and tripods.

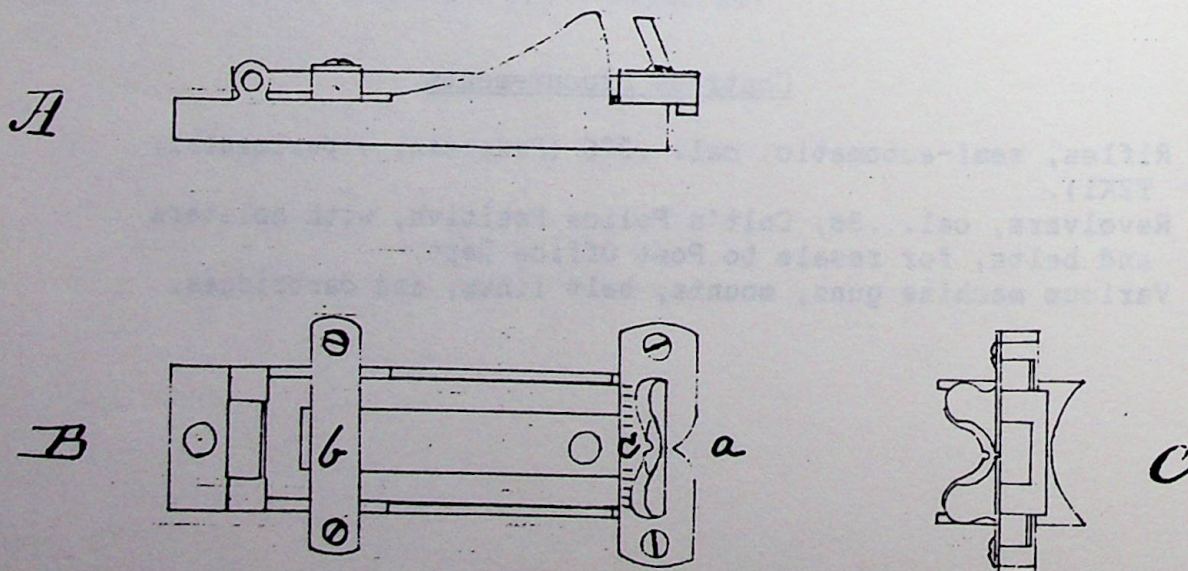
Contract Procurements

2 Rifles, semi-automatic, cal. .276 (Pedersen, experimental, T2K1).
13,640 Revolvers, cal. .38, Colt's Police Positive, with holsters and belts, for resale to Post Office Dept.
Various machine guns, mounts, belt links, and cartridges.

MISCELLANEOUS TRAPDOOR RIFLES & CARBINES
CITED IN EARLY ORDNANCE DEPT. RECORDS

Serial	Mod	MMDDYY	Usage	Serial	Mod	MMDDYY	Usage
2304	73C	071779	CO E 2ND CAV	314401	84B	030586	CO I 6TH INF (ISSUED)
4449	73R	042579	16TH INF	314402	84B	030586	CO I 6TH INF (ISSUED)
8768	73R	011980	BATTY B 2ND ART	314410	84B	030586	CO I 6TH INF (ISSUED)
9223	73R	101480	FA (TURNED IN)	314412	84B	030586	CO I 6TH INF (ISSUED)
10447	73R	011980	BATTY B 2ND ART	314418	84B	030586	CO I 6TH INF (ISSUED)
11902	73R	011980	BATTY B 2ND ART	314421	84B	030586	CO I 6TH INF (ISSUED)
12612	73R	011980	BATTY B 2ND ART	314424	84B	030586	CO I 6TH INF (ISSUED)
12997	73R	011980	BATTY B 2ND ART	314436	84B	030586	CO I 6TH INF (ISSUED)
13640	73R	011980	BATTY B 2ND ART	314438	84B	030586	CO I 6TH INF (ISSUED)
13960	73R	011980	BATTY B 2ND ART	314439	84B	030586	CO I 6TH INF (ISSUED)
14049	73R	011980	BATTY B 2ND ART	314442	84B	030586	CO I 6TH INF (ISSUED)
14630	73R	011980	BATTY B 2ND ART	314447	84B	030586	CO I 6TH INF (ISSUED)
15106	73R	011980	BATTY B 2ND ART	314450	84B	030586	CO I 6TH INF (ISSUED)
15996	73R	011980	BATTY B 2ND ART	314488	84B	030586	CO I 6TH INF (ISSUED)
18732	73C	101480	FA (TURNED IN)	314494	84B	030586	CO I 6TH INF (ISSUED)
18816	73C	101480	FA (TURNED IN)	314535	84R	060986	CO A 12TH INF
18943	73C	101480	FA (TURNED IN)	314669	84R	060486	CO A 12TH INF
19037	73C	101480	FA (TURNED IN)	315916	84R	042686	BATTY E 2ND ART
22459	73R	011980	BATTY B 2ND ART	316803	84R	051886	2ND ART
23263	73R	011980	BATTY B 2ND ART	318231	84B	030586	CO I 6TH INF (ISSUED)
24913	73R	011980	BATTY B 2ND ART	318252	84B	030586	CO I 6TH INF (ISSUED)
25448	73R	011980	BATTY B 2ND ART	318263	84B	030586	CO I 6TH INF (ISSUED)
26543	73R	011980	BATTY B 2ND ART	318274	84B	030586	CO I 6TH INF (ISSUED)
26706	73R	011980	BATTY B 2ND ART	318290	84B	030586	CO I 6TH INF (ISSUED)
27978	73R	011980	BATTY B 2ND ART	318292	84B	030586	CO I 6TH INF (ISSUED)
33627	73C	111579	4TH CAV	318305	84B	030586	CO I 6TH INF (ISSUED)
43664	73R	011980	BATTY B 2ND ART	318384	84B	030586	CO I 6TH INF (ISSUED)
43842	73R	011980	BATTY B 2ND ART	318511	84B	030586	CO I 6TH INF (ISSUED)
46984	73R	101480	FA (TURNED IN)	318624	84B	030586	CO I 6TH INF (ISSUED)
77001	73R	101480	FA (TURNED IN)	318770	84B	030586	CO I 6TH INF (ISSUED)
77006	73R	101480	FA (TURNED IN)	318791	84B	030586	CO I 6TH INF (ISSUED)
84570	73R	061579	4TH CAV	318887	84B	030586	CO I 6TH INF (ISSUED)
91173	73R	082178	CO M 2ND ART	318895	84B	030586	CO I 6TH INF (ISSUED)
91453	73R	101480	FA (TURNED IN)	318974	84B	030586	CO I 6TH INF (ISSUED)
98842	73R	052884	FA AMMO TEST	319136	84B	030586	CO I 6TH INF (ISSUED)
110069	73R	091779	CREEDMORE	319296	84B	030586	CO I 6TH INF (ISSUED)
114229	79L	102079	SA	319303	84B	030586	CO I 6TH INF (ISSUED)
124420	73C	121485	CO K 1ST CAV	319324	84B	030586	CO I 6TH INF (ISSUED)
124446	73C	121485	CO K 1ST CAV	319535	84B	030586	CO I 6TH INF (ISSUED)
124456	73C	121485	CO K 1ST CAV	319543	84B	030586	CO I 6TH INF (ISSUED)
124473	73C	121485	CO K 1ST CAV	320552	84B	030586	CO I 6TH INF (ISSUED)
124634	73C	121485	CO K 1ST CAV	320563	84B	030586	CO I 6TH INF (ISSUED)
124904	73C	121485	CO K 1ST CAV	320957	84B	030586	CO I 6TH INF (ISSUED)
125108	73C	121485	CO K 1ST CAV	321069	84B	030586	CO I 6TH INF (ISSUED)
125118	73C	121485	CO K 1ST CAV	321124	84B	030586	CO I 6TH INF (ISSUED)
125123	73C	121485	CO K 1ST CAV	321207	84B	030586	CO I 6TH INF (ISSUED)
125138	73C	121485	CO K 1ST CAV	321228	84B	030586	CO I 6TH INF (ISSUED)
314306	84B	030586	CO I 6TH INF (ISSUED)	321231	84B	030586	CO I 6TH INF (ISSUED)
314307	84B	030586	CO I 6TH INF (ISSUED)	321256	84B	030586	CO I 6TH INF (ISSUED)
314313	84B	030586	CO I 6TH INF (ISSUED)	321263	84B	030586	CO I 6TH INF (ISSUED)
314346	84B	030586	CO I 6TH INF (ISSUED)	337922	84R	051886	2ND ART

Model Code(s): B = Rod bayonet C = Carbine L = Long Range Rifle R = Service Rifle
Total Entries: 102



Modified Buck Horn Sight proposed by Capt.
P. H. Remington (1880)

MISCELLANEOUS M1903 RIFLES
CITED IN ORDNANCE DEPT. AND UNIT RECORDS

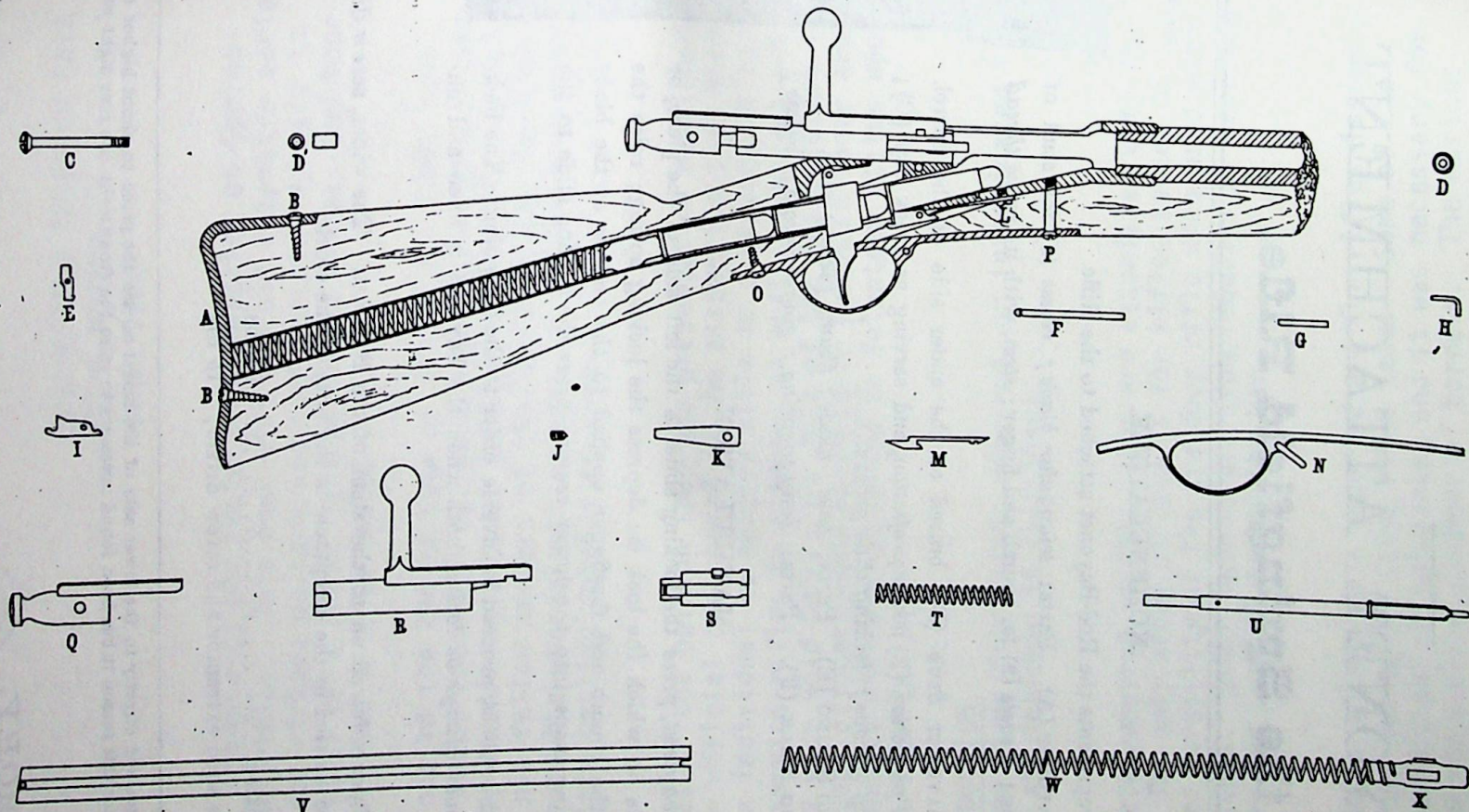
Serial	Model	MMDYY	Usage	Serial	Model	MMDYY	Usage
3941		20	TROOP A 14TH CAV	460106		20	TROOP A 14TH CAV
7485		20	TROOP A 14TH CAV	462035		20	TROOP A 14TH CAV
10028		20	TROOP A 14TH CAV	462158		20	TROOP A 14TH CAV
12765		20	TROOP A 14TH CAV	462690		20	TROOP A 14TH CAV
13497	041218		27TH DIV AEF (FOUND)	463751		20	TROOP A 14TH CAV
18354		20	TROOP A 14TH CAV	469652		20	TROOP A 14TH CAV
35003		20	TROOP A 14TH CAV	481747		20	TROOP A 14TH CAV
36431		20	TROOP A 14TH CAV	482852		20	TROOP A 14TH CAV
39747		20	TROOP A 14TH CAV	484110		20	TROOP A 14TH CAV
43460	011808		13TH CAV	496884		20	TROOP A 14TH CAV
54373	041218		27TH DIV AEF (FOUND)	499115		20	TROOP A 14TH CAV
57341		20	TROOP A 14TH CAV	502381		20	TROOP A 14TH CAV
60973	120429		CAMP JOHN HAY PI	508122		20	TROOP A 14TH CAV
63225		20	TROOP A 14TH CAV	527855		20	TROOP A 14TH CAV
65560		20	TROOP A 14TH CAV	529246		20	TROOP A 14TH CAV
67551	011808		13TH CAV	544871 SG	091613		29TH INF (B&B SIGHT TEST)
67772		20	TROOP A 14TH CAV	544873 SG	082513		5TH INF (B&B SIGHT TEST)
71144	072108		13TH CAV	544874 SG	060613		2ND INF (B&B SIGHT TEST)
80283		20	TROOP A 14TH CAV	thru			
86993		20	TROOP A 14TH CAV	544876 SG	060613		2ND INF (B&B SIGHT TEST)
87429		20	TROOP A 14TH CAV	544878 SG	082313		6TH INF (B&B SIGHT TEST)
90775	041218		27TH DIV AEF (FOUND)	544884 SG	092013		MOD (B&B SIGHT TEST)
104331 GP	041215		FA AMMO TEST	54-896 SG	092513		3RD CAV (B&B SIGHT TEST)
118331		20	TROOP A 14TH CAV	550143	040115		13TH CAV
126429	041218		27TH DIV AEF (FOUND)	562933		20	TROOP A 14TH CAV
132838	070108		13TH CAV	562936		20	TROOP A 14TH CAV
134476	092017		27TH DIV AEF (FOUND)	562938		20	TROOP A 14TH CAV
140465 GP	012913		FA AMMO TEST	562939		20	TROOP A 14TH CAV
148283		20	TROOP A 14TH CAV	563562		20	TROOP A 14TH CAV
148985 GP	012913		FA AMMO TEST	564916		20	TROOP A 14TH CAV
169387		20	TROOP A 14TH CAV	564917		20	TROOP A 14TH CAV
176800		20	TROOP A 14TH CAV	567143		20	TROOP A 14TH CAV
180383		20	TROOP A 14TH CAV	thru			
190685		20	TROOP A 14TH CAV	567145		20	TROOP A 14TH CAV
197469	041218		27TH DIV AEF (FOUND)	567147		20	TROOP A 14TH CAV
197904	041218		27TH DIV AEF (FOUND)	567276		20	TROOP A 14TH CAV
200949		20	TROOP A 14TH CAV	thru			
203371		20	TROOP A 14TH CAV	567278		20	TROOP A 14TH CAV
210111		20	TROOP A 14TH CAV	567280		20	TROOP A 14TH CAV
211204		20	TROOP A 14TH CAV	567374		20	TROOP A 14TH CAV
211270		20	TROOP A 14TH CAV	567377		20	TROOP A 14TH CAV
211558		20	TROOP A 14TH CAV	568165		20	TROOP A 14TH CAV
211605		20	TROOP A 14TH CAV	570110		20	TROOP A 14TH CAV
212025		20	TROOP A 14TH CAV	572343		20	TROOP A 14TH CAV
212125		20	TROOP A 14TH CAV	572348		20	TROOP A 14TH CAV
216335		20	TROOP A 14TH CAV	574329		20	TROOP A 14TH CAV
244069	041218		27TH DIV AEF (FOUND)	577347		20	TROOP A 14TH CAV
252890		20	TROOP A 14TH CAV	578347		20	TROOP A 14TH CAV
252907		20	TROOP A 14TH CAV	578682		20	TROOP A 14TH CAV
253371		20	TROOP A 14TH CAV	580803	060415		FA AMMO TEST
255793		20	TROOP A 14TH CAV	592843		20	TROOP A 14TH CAV
274082		20	TROOP A 14TH CAV	598080	060415		FA AMMO TEST
275945		20	TROOP A 14TH CAV	600170		20	TROOP A 14TH CAV
279215		20	TROOP A 14TH CAV	600821		20	TROOP A 14TH CAV
279530	041218		27TH DIV AEF (FOUND)	601151		20	TROOP A 14TH CAV
285580		20	TROOP A 14TH CAV	601153		20	TROOP A 14TH CAV
293880		20	TROOP A 14TH CAV	601158		20	TROOP A 14TH CAV
296278	041218		27TH DIV AEF (FOUND)	601159		20	TROOP A 14TH CAV
296732		20	TROOP A 14TH CAV	605704		20	TROOP A 14TH CAV
309029	031708		ALABAMA (ISSUED)	624710		20	TROOP A 14TH CAV
"	082510		FT OGELTHORPE (FOUND)	641644		20	TROOP A 14TH CAV
321730		20	TROOP A 14TH CAV	650268		20	TROOP A 14TH CAV
350843 GP	030518		CAMP JOHN HAY PI	651694		20	TROOP A 14TH CAV
355152		20	TROOP A 14TH CAV	727665		20	TROOP A 14TH CAV
357353		20	TROOP A 14TH CAV	735888		20	TROOP A 14TH CAV
360428		20	TROOP A 14TH CAV	741244		20	TROOP A 14TH CAV
361327		20	TROOP A 14TH CAV	761356		20	TROOP A 14TH CAV
364259		20	TROOP A 14TH CAV	812832		20	TROOP A 14TH CAV
388491		20	TROOP A 14TH CAV	835860	120429		CAMP JOHN HAY PI
414321		20	TROOP A 14TH CAV	925193		20	TROOP A 14TH CAV
443448		20	TROOP A 14TH CAV	969277		20	TROOP A 14TH CAV
459968		20	TROOP A 14TH CAV				

Model Code(s): GP = Gallery Practice Rifle SG = Stargauged
Total Entries: 143

MISCELLANEOUS M1911 PISTOLS
CITED IN ORDNANCE DEPT. AND UNIT RECORDS

Serial	Model	MHDDYY	Usage	Serial	Model	MHDDYY	Usage
2394		033113	30TH INF	100693		20	TROOP H 14TH CAV
2395		033113	30TH INF	104478		20	TROOP H 14TH CAV
7918		20	TROOP H 14TH CAV	112269		20	TROOP H 14TH CAV
7976		20	TROOP H 14TH CAV	123114		20	TROOP H 14TH CAV
9618		20	TROOP H 14TH CAV	123305		20	TROOP H 14TH CAV
15019		20	TROOP A 14TH CAV	125891	041521	HQ CO 42ND INF (MISSING)	
15410		20	TROOP H 14TH CAV	141583		20	TROOP H 14TH CAV
17343		20	TROOP H 14TH CAV	141584		20	TROOP H 14TH CAV
17344		20	TROOP A 14TH CAV	145655		20	TROOP A 14TH CAV
17912		110414	MG CO 14TH INF	145661		20	TROOP A 14TH CAV
thru				145665		20	TROOP A 14TH CAV
17914		110414	MG CO 14TH INF	145673		20	TROOP A 14TH CAV
17942		110414	MG CO 14TH INF	145693		20	TROOP A 14TH CAV
25208		20	TROOP H 14TH CAV	145718		20	TROOP A 14TH CAV
25442		20	TROOP H 14TH CAV	178698		20	TROOP A 14TH CAV
34289		20	TROOP H 14TH CAV	180512		20	TROOP A 14TH CAV
34298		20	TROOP H 14TH CAV	201244		20	TROOP H 14TH CAV
44022		20	TROOP A 14TH CAV	218503		20	TROOP A 14TH CAV
44047		20	TROOP A 14TH CAV	235156		20	TROOP A 14TH CAV
44466		20	TROOP H 14TH CAV	251774		20	TROOP H 14TH CAV
44478		20	TROOP H 14TH CAV	275335	041521	HQ CO 3RD BN 42ND INF (MISSING)	
45064		20	TROOP H 14TH CAV	282321		20	TROOP H 14TH CAV
45070		20	TROOP H 14TH CAV	285204		20	TROOP H 14TH CAV
45078		20	TROOP H 14TH CAV	299294		20	TROOP A 14TH CAV
45091		20	TROOP H 14TH CAV	317715		20	TROOP H 14TH CAV
45092		20	TROOP A 14TH CAV	328482		20	TROOP H 14TH CAV
45889		041521	HQ CO 42ND INF (MISSING)	353842		20	TROOP H 14TH CAV
48420		20	TROOP H 14TH CAV	376920	041521	HQ CO 2ND BN 42ND INF (MISSING)	
48435		20	TROOP A 14TH CAV	390625		20	TROOP H 14TH CAV
48705		20	TROOP A 14TH CAV	400256		20	TROOP H 14TH CAV
48726		20	TROOP A 14TH CAV	417148		20	TROOP A 14TH CAV
49406		20	TROOP H 14TH CAV	421587		20	TROOP H 14TH CAV
49413		20	TROOP H 14TH CAV	424874		20	TROOP A 14TH CAV
49543		20	TROOP A 14TH CAV	467524		20	TROOP H 14TH CAV
49573		20	TROOP A 14TH CAV	494173		20	TROOP H 14TH CAV
49802		20	TROOP A 14TH CAV	507800		20	TROOP H 14TH CAV
49809		20	TROOP A 14TH CAV	528480		20	TROOP A 14TH CAV
49836		20	TROOP A 14TH CAV	529458		20	TROOP A 14TH CAV
50102		20	TROOP H 14TH CAV	539987		20	TROOP H 14TH CAV
53223		20	TROOP H 14TH CAV	548031		20	TROOP H 14TH CAV
53226		20	TROOP H 14TH CAV	548034		20	TROOP H 14TH CAV
53230		20	TROOP H 14TH CAV	550218		20	TROOP H 14TH CAV
57019		112913	FT TOTEN NY (SHIPPED BY SA)	550918		20	TROOP A 14TH CAV
"		123113	87TH CO CAC (ISSUED)	551247		20	TROOP H 14TH CAV
"		121721	PANAMA CANAL ZONE (STOLEN)	551275		20	TROOP H 14TH CAV
73874		20	TROOP H 14TH CAV	552502		20	TROOP A 14TH CAV
75265		15	7TH INF CALIF NG	553231		20	TROOP H 14TH CAV
75286		15	7TH INF CALIF NG	553443		20	TROOP A 14TH CAV
75404		15	7TH INF CALIF NG	558047		20	TROOP H 14TH CAV
75411		15	7TH INF CALIF NG	558084		20	TROOP A 14TH CAV
75427		15	7TH INF CALIF NG	558744		20	TROOP A 14TH CAV
75437		15	7TH INF CALIF NG	559594		20	TROOP H 14TH CAV
75447		15	7TH INF CALIF NG	559599		20	TROOP H 14TH CAV
75505		15	7TH INF CALIF NG	559797		20	TROOP H 14TH CAV
75515		15	7TH INF CALIF NG	560189		20	TROOP H 14TH CAV
75525		15	7TH INF CALIF NG	564917		20	TROOP A 14TH CAV
75548		15	7TH INF CALIF NG	568485	083035	CO C 11TH ENGR (STOLEN)	
thru				568675	083035	CO C 11TH ENGR (STOLEN)	
75550		15	7TH INF CALIF NG	569784	083035	CO C 11TH ENGR (STOLEN)	
75559		15	7TH INF CALIF NG	571292		20	TROOP A 14TH CAV
75564		15	7TH INF CALIF NG	577170		20	TROOP A 14TH CAV
75566		15	7TH INF CALIF NG	590166		20	TROOP A 14TH CAV
thru				600340		20	TROOP H 14TH CAV
75569		15	7TH INF CALIF NG	607175		20	TROOP A 14TH CAV
75572		15	7TH INF CALIF NG	864496	NM	0928	RA MOSHER (SALE)
75577		15	7TH INF CALIF NG	868995		20	TROOP H 14TH CAV
75579		15	7TH INF CALIF NG	928906	NM	070264	BO MARTYN (SALE)
75584		15	7TH INF CALIF NG	1399313	NM	070260	ZH WOLFF (SALE)
75597		15	7TH INF CALIF NG	1494653	NM	012264	RJ BROWN (SALE)
97847		20	TROOP H 14TH CAV	1569635	NM	081263	RJ BEATON (SALE)
100630		20	TROOP H 14TH CAV	1839326	NM	081460	EL YOUNG (SALE)
100670		20	TROOP H 14TH CAV				

Model Code(s): NM = Nat. Match
Total Entries: 144



HOTCHKISS MAGAZINE GUN.

LEGEND.

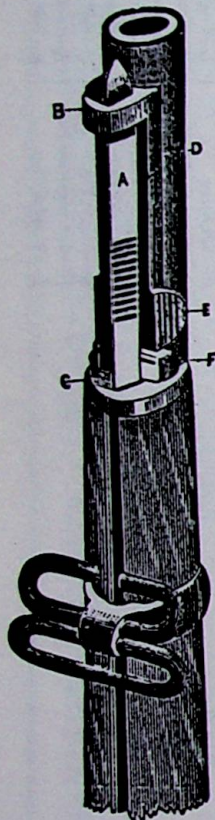
A—Butt Plate.	J—Firing Pin Screw.	T—Main Spring.
B—Butt Plate Screws.	K—Trigger Spring.	U—Firing Pin.
C—Side Screw.	L—Trigger Spring Screw.	V—Magazine Tube.
D—Side Screw Washer.	M—Extractor.	W—Magazine Spring.
D'—Side Screw Bushing.	N—Guard Plate.	X—Cartridge Follower.
E—Trigger Catch.	O—Rear Guard Screw.	Y—Receiver.
F—Trigger Catch Pin.	P—Front Guard Screw.	Z—Trigger.
G—Trigger Pin.	Q—Cocking Piece.	Z'—Cut-Off Escutcheon.
H—Cartridge Stop Pin.	R—Locking Tube.	Z''—Magazine Cut-Off.
I—Cartridge Stop.	S—Bolt Head.	

DESCRIPTION

—OF—

ROD-BAYONET ATTACHMENT For the Springfield Rifle.

Fig. 1.



NOMENCLATURE.

Fig. 1 represents the Rod-Bayonet attached to the Rifle.

ROD-BAYONET (A). Parts: *triangular blade*; *recess (2)* for stud of locking spring; *creases (2)* for thumb and finger; *stem*, with its *screw thread* for wiper.

ROD-BAYONET STUD (D), brazed to the under side of the barrel. Parts: *front projection (B)*; *rear projection*, and serving as stock cap (C); *locking spring groove*; *locking slide groove*.

LOCKING SPRING (E). Parts: *base*; *blade*; *thumb pieces*; *stud*.

LOCKING SLIDE (F). Parts: *body*; *spring*; *finger pieces*; *recess*; *shoulder*.

MANIPULATION.

To *fix bayonet*, press the locking slide to the left side of the piece, or from the side on which the lock is; depress the locking spring; raise the bayonet by the thumb and forefinger applied to the creases of the blade until the spring snaps into the lower recess; press the locking slide to the right.

To *unfix bayonet*, proceed in inverse order to the foregoing. The locking slide *should always be locked*, both when the bayonet is fixed and un-fixed.

Fig. 2.

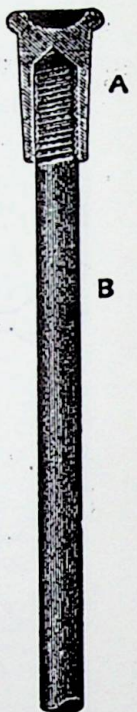


Fig. 2 represents the Wiper screwed on to the stem of the Bayonet. The wiper, screw driver, and headless shell extractor are carried in the receptacle in the butt of the stock.

Weight of Rod Bayonet Rifle,..... 9.25 lbs.

Weight of wiper, headless shell extractor and screw driver, .15 lbs.

NOTE.—The Rod-Bayonet being attached directly to the lower side of the barrel causes the piece to shoot higher at the same range than the service gun, and for this reason it has been found necessary to raise the front sight, the rear sight remaining the same as in the service rifle.

NATIONAL ARMORY,

Springfield, Mass., February, 1881.