

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.

* 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.

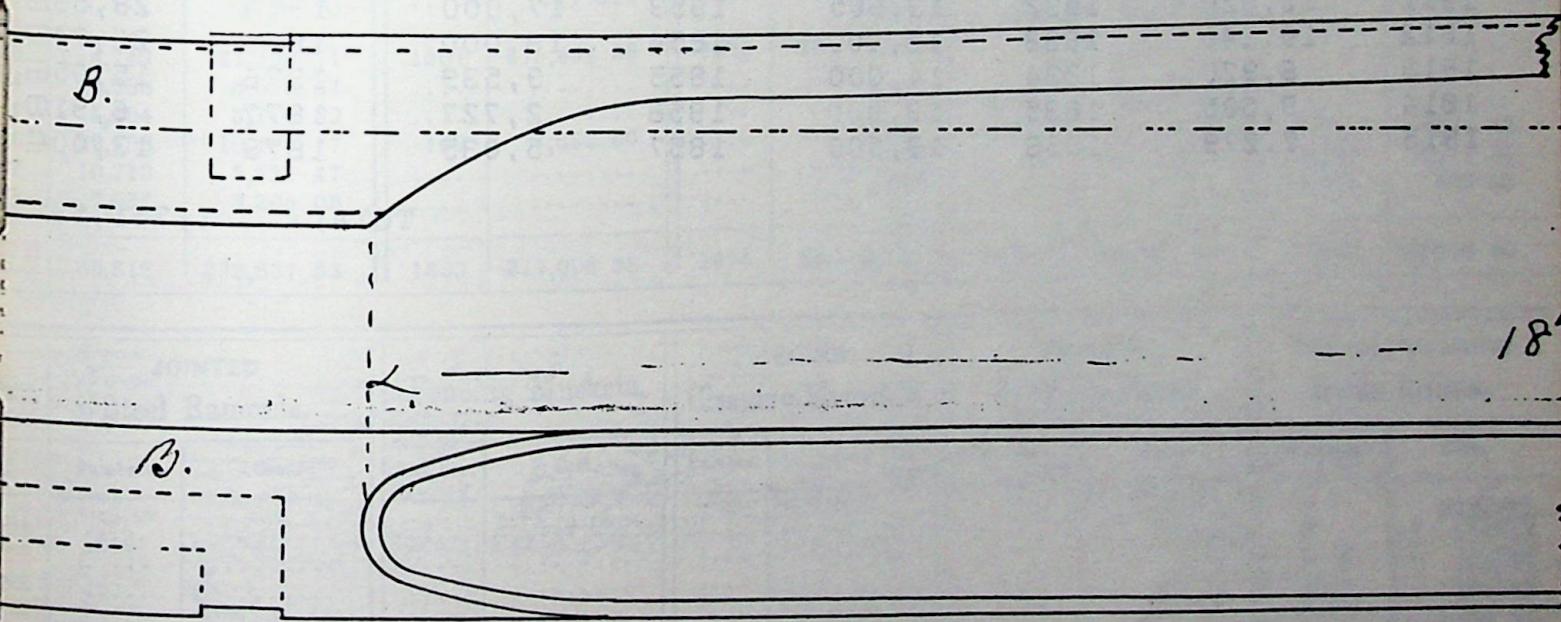
PRODUCTION SUMMARIES AND OTHER MATERIAL

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.

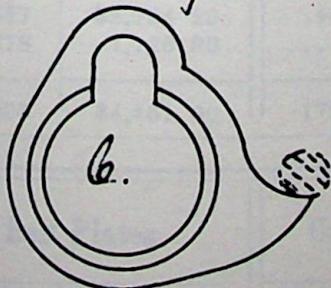
TRADING POST

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.



Locking Piece.



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.

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.
300	.....	.....	.....	.....	.....	.....	.....	.....	.....
301	.....	.....	.....	.....	.....	.....	.....	36	1,676 22
302	.....	.....	.....	1108	\$13,292 79	.....	.....	25	339 04
303	136 24	.....	.....	.....	.....	.....	.....	28	381 94
304	305 50	145	\$10,332 66	.....	.....	.....	.....	.....	.....
305	3,168 00	.....	.....	.....	.....	.....	.....	.....	.....
306	5,040 00	.....	.....	.....	.....	.....	.....	.....	.....
307	36 00	.....	.....	.....	.....	.....	.....	.....	.....
308	242	\$8,685 74	145	\$10,332 66	1108	\$13,292 79	.....	89	\$2,397 20
309	.....	.....	.....	.....	.....	.....	.....	.....	.....

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.	
00	.....	.....	.....	.....	.....	202	\$3,175 25	.....	.....
11	.....	.....	.....	504	3,089 09	.....	.....	.....	.....
38	4,749	\$4,490 71	1501	\$15,464 38	1674	\$6,113 50	.....	.....	.....
41	10,988	6,059 24	.....	.....	.....	.....	.....	.....	.....
55	5,204	3,114 89	.....	.....	.....	.....	.....	.....	.....
81	22,108	10,486 17	102	1,632 00	.....	.....	10,000	40,430 06	.....
81	10,713	5,531 47	.....	.....	.....	.....	.....	1,023	\$368 70
81	7,051	3,205 05	.....	.....	.....	.....	.....	15,707	4,712 10
81	60,813	\$32,887 53	1603	\$17,096 38	1674	\$6,113 50	10,706	\$46,694 40	2,378	475 60
81	.....	.....	.....	.....	.....	.....	.....	19,108	\$5,556 40

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.
1	.....	.....	.....	.....	.....	.....	.....	8,758 Fabricated	\$197 11
2	.....	.....	.....	502	\$2,401 74	.....	.....	133,800 Altered	512 55
3	.....	.....	128	\$849 13	150	876 61	31,000	\$12,252 78	636 27
4	.....	.....	44	264 00	.....	.....	.....	.....	494 77
77	4,557	\$2,734 20	.....	.....	.....	.....	.....	.....	4,052 39
78	2,878	1,726 80	.....	.....	.....	.....	.....	.....	1,829 10
78	7,435	\$4,461 00	172	\$1,113 13	652	\$3,278 35	31,000	\$12,252 78	942 65
78	.....	.....	.....	.....	.....	.....	.....	142,558	1,479 30
78	.....	.....	.....	.....	.....	.....	.....	.....	\$10,144 14

Belt Plates.		Cannon Truck.		MODEL Hitchcock Forge.		Intrenching Tools.		Cap Ornaments.	
Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.	Number.	Cost.
375	.....	.....	1	\$950 00	1	\$963 06	10,000	\$7,896 69	.....
376	425	\$636 00	.....	.....	.....	.....	.....	452	\$240 23
377	.....	.....	1	\$950 00	1	\$963 06	10,000	\$7,896 69	452
378	425	\$636 00	1	\$950 00	1	\$963 06	10,000	\$7,896 69	\$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 gaugees
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.
32,083 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

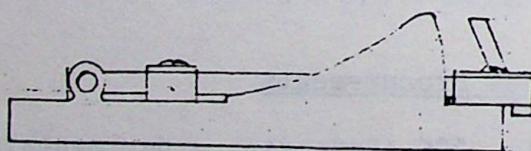
2 Rifles, semi-automatic, cal. .276 (Pedersen, experimental, T2K1).
13,640 Revolvers, cal. .38, Colt's Police Positive, with holsters and belts, for resale to Post Office Dept.
Various machine guns, mounts, belt links, and cartridges.

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

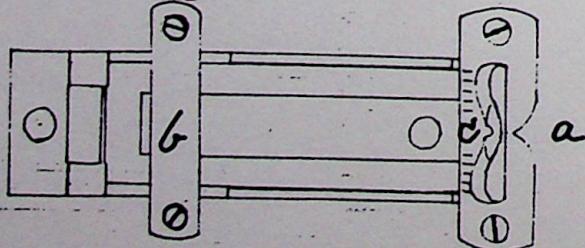
Serial	Mod	MMDDYY	Usage	Serial	Mod	MMDDYY	Usage
2304	73C	071779	CO E 2ND CAV	314401	84B	030586	CO I 6TH INF (ISSUED)
4449	73R	042579	16TH INF	314402	84B	030586	CO I 6TH INF (ISSUED)
8768	73R	011980	BATTY B 2ND ART	314410	84B	030586	CO I 6TH INF (ISSUED)
9223	73R	101480	FA (TURNED IN)	314412	84B	030586	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

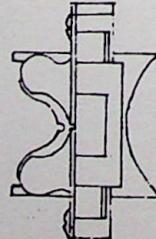
A



B



C



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

MISCELLANEOUS M1903 RIFLES
CITED IN ORDNANCE DEPT. AND UNIT RECORDS

Serial	Model	MMDDYY	Usage	Serial	Model	MMDDYY	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	544876 SG	060613	2ND INF (B&B SIGHT TEST)	
86993		20	TROOP A 14TH CAV	544878 SG	082313	6TH INF (B&B SIGHT TEST)	
87429		20	TROOP A 14TH CAV	544884 SG	092013	MOD (B&B SIGHT TEST)	
90775		041218	27TH DIV AEF (FOUND)	54-896 SG	092513	3RD CAV (B&B SIGHT TEST)	
104331	GP	041215	FA AMMO TEST	550143	040115	13TH CAV	
118331		20	TROOP A 14TH CAV	562933	20	TROOP A 14TH CAV	
126429		041218	27TH DIV AEF (FOUND)	562936	20	TROOP A 14TH CAV	
132838		070108	13TH CAV	562938	20	TROOP A 14TH CAV	
134476		092017	27TH DIV AEF (FOUND)	562939	20	TROOP A 14TH CAV	
140465	GP	012913	FA AMMO TEST	563562	20	TROOP A 14TH CAV	
148283		20	TROOP A 14TH CAV	564916	20	TROOP A 14TH CAV	
148985	GP	012913	FA AMMO TEST	564917	20	TROOP A 14TH CAV	
169387		20	TROOP A 14TH CAV	567143	20	TROOP A 14TH CAV	
176800		20	TROOP A 14TH CAV	567145	20	TROOP A 14TH CAV	
180383		20	TROOP A 14TH CAV	567147	20	TROOP A 14TH CAV	
190685		20	TROOP A 14TH CAV	567276	20	TROOP A 14TH CAV	
197469		041218	27TH DIV AEF (FOUND)	thru			
197904		041218	27TH DIV AEF (FOUND)	567278	20	TROOP A 14TH CAV	
200949		20	TROOP A 14TH CAV	567280	20	TROOP A 14TH CAV	
203371		20	TROOP A 14TH CAV	567374	20	TROOP A 14TH CAV	
210111		20	TROOP A 14TH CAV	567377	20	TROOP A 14TH CAV	
211204		20	TROOP A 14TH CAV	568165	20	TROOP A 14TH CAV	
211270		20	TROOP A 14TH CAV	570110	20	TROOP A 14TH CAV	
211558		20	TROOP A 14TH CAV	572343	20	TROOP A 14TH CAV	
211605		20	TROOP A 14TH CAV	572348	20	TROOP A 14TH CAV	
212025		20	TROOP A 14TH CAV	574329	20	TROOP A 14TH CAV	
212125		20	TROOP A 14TH CAV	577347	20	TROOP A 14TH CAV	
216335		041218	27TH DIV AEF (FOUND)	578347	20	TROOP A 14TH CAV	
244069		20	TROOP A 14TH CAV	578682	20	TROOP A 14TH CAV	
252890		20	TROOP A 14TH CAV	580803	060415	FA AMMO TEST	
252907		20	TROOP A 14TH CAV	592843	20	TROOP A 14TH CAV	
253371		20	TROOP A 14TH CAV	598080	060415	FA AMMO TEST	
255793		20	TROOP A 14TH CAV	600170	20	TROOP A 14TH CAV	
274082		20	TROOP A 14TH CAV	600821	20	TROOP A 14TH CAV	
275945		20	TROOP A 14TH CAV	601151	20	TROOP A 14TH CAV	
279215		20	TROOP A 14TH CAV	601153	20	TROOP A 14TH CAV	
279530		041218	27TH DIV AEF (FOUND)	601158	20	TROOP A 14TH CAV	
285580		20	TROOP A 14TH CAV	601159	20	TROOP A 14TH CAV	
293880		20	TROOP A 14TH CAV	605704	20	TROOP A 14TH CAV	
296278		041218	27TH DIV AEF (FOUND)	624710	20	TROOP A 14TH CAV	
296732		20	TROOP A 14TH CAV	641644	20	TROOP A 14TH CAV	
309029		031708	ALABAMA (ISSUED)	650268	20	TROOP A 14TH CAV	
"		082510	FT OGELTHORPE (FOUND)	651694	20	TROOP A 14TH CAV	
321730		20	TROOP A 14TH CAV	727665	20	TROOP A 14TH CAV	
350843	GP	030518	CAMP JOHN HAY PI	735888	20	TROOP A 14TH CAV	
355152		20	TROOP A 14TH CAV	741244	20	TROOP A 14TH CAV	
357353		20	TROOP A 14TH CAV	761356	20	TROOP A 14TH CAV	
360428		20	TROOP A 14TH CAV	812832	20	TROOP A 14TH CAV	
361327		20	TROOP A 14TH CAV	835860	120429	CAMP JOHN HAY PI	
364259		20	TROOP A 14TH CAV	925193	20	TROOP A 14TH CAV	
388491		20	TROOP A 14TH CAV	969277	20	TROOP A 14TH CAV	
414321		20	TROOP A 14TH CAV				
443448		20	TROOP A 14TH CAV				
459968		20	TROOP A 14TH CAV				

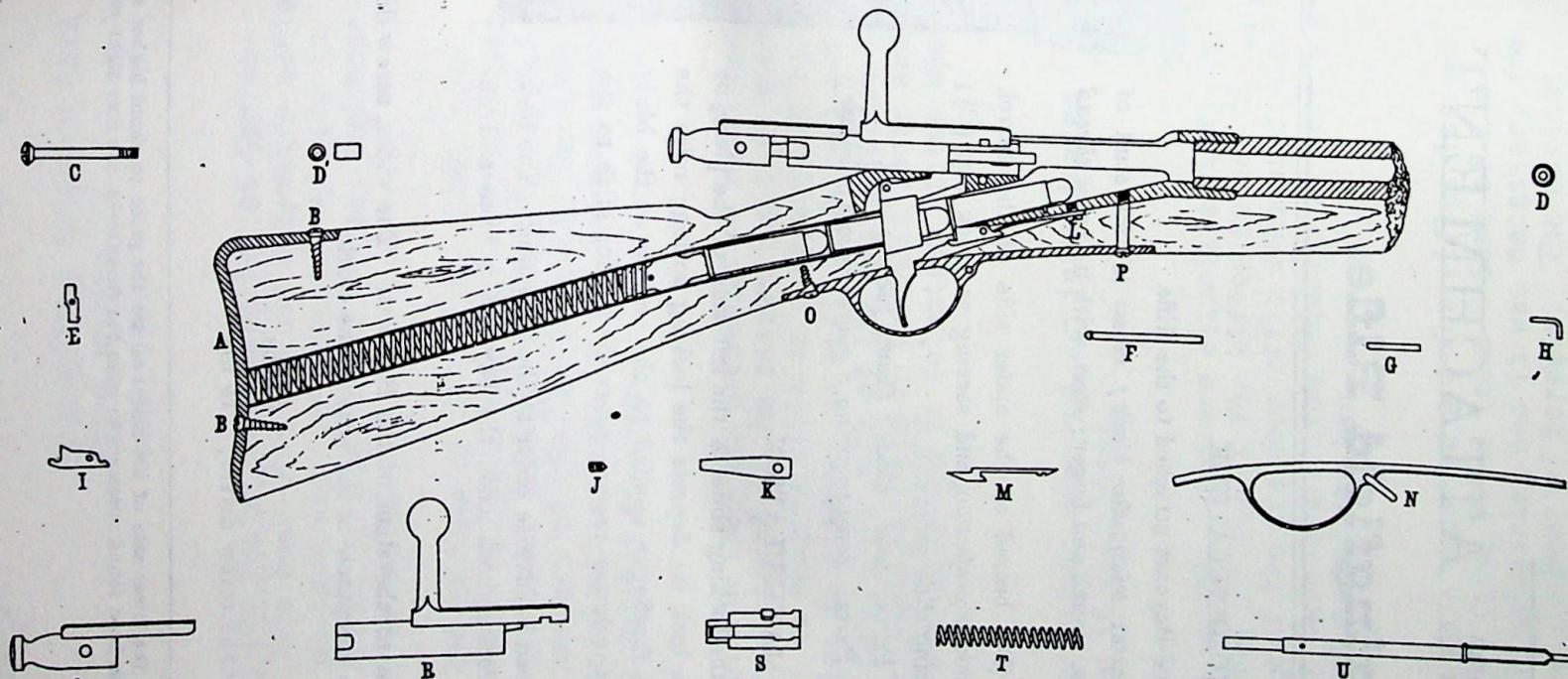
Model Code(s): GP = Gallery Practice Rifle SG = Stargauged

Total Entries: 143

**MISCELLANEOUS M1911 PISTOLS
CITED IN ORDNANCE DEPT. AND UNIT RECORDS**

Serial	Model	MMDDYY	Usage	Serial	Model	MMDDYY	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 TOTTEN 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)	

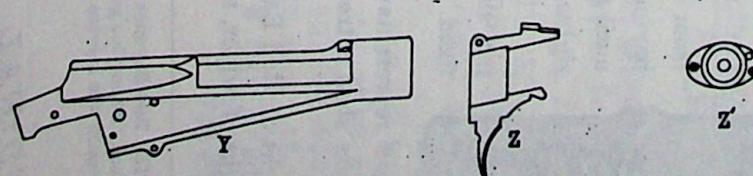
Model Code(s): NM = Nat. Match
Total Entries: 144



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.	

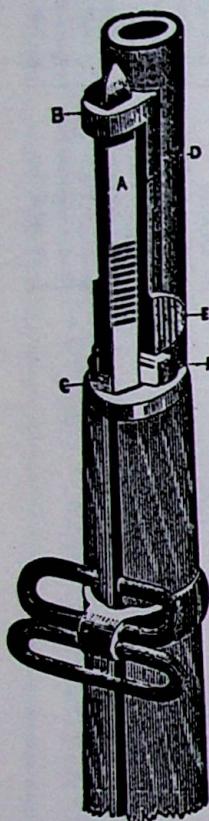


DESCRIPTION

—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 unfixed.

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.