

EXPENDITURES AT SPRINGFIELD ARMORY, MASS., AND
ROCK ISLAND ARSENAL, ILL.

L E T T E R

FROM

THE SECRETARY OF WAR,

TRANSMITTING

STATEMENTS FROM THE CHIEF OF ORDNANCE, UNITED STATES
ARMY, OF EXPENDITURES, ETC., DURING THE FISCAL YEAR
ENDED JUNE 30, 1914, AT THE SPRINGFIELD ARMORY, SPRING-
FIELD, MASS., AND THE ROCK ISLAND ARSENAL, ROCK ISLAND,
ILL.

DECEMBER 9, 1914.—Referred to the Committee on Expenditures in the War Depart-
ment and ordered to be printed.

WAR DEPARTMENT,
Washington, December 7, 1914.

SIR: Pursuant to the provisions of section 1665, Revised Statutes, I have the honor to transmit herewith statements submitted by the Chief of Ordnance, United States Army, of the expenditures, and of arms, components of arms and appendages fabricated, altered, and repaired during the fiscal year ended June 30, 1914, at the Springfield Armory, Springfield, Mass., and at the Rock Island Arsenal, Rock Island, Ill.

Very respectfully,

LINDLEY M. GARRISON,
Secretary of War.

THE SPEAKER OF THE HOUSE OF REPRESENTATIVES.

Statement of expenditures at the Springfield Armory, Mass., and of arms, components of arms, and appendages fabricated, altered, and repaired during the fiscal year ended June 30, 1914, in pursuance of section 1665, Revised Statutes.

Appropriations.	Amount.
Ordnance Service:	
1913.....	\$1,300.74
1914.....	8,124.48
Ordnance stores and supplies:	
1912-13.....	4.08
1913-14.....	5,443.85
1914-15.....	5,326.84
Replacing ordnance and ordnance stores:	
1912-13.....	10,631.96
1913-14.....	144,151.24
1914-15.....	10,868.64
Small arms target practice:	
1912-13.....	680.32
1913-14.....	22,385.58
1914-15.....	1,682.25
Manufacture of arms:	
1912-13.....	10,051.67
1913-14.....	254,819.77
1914-15.....	344,837.03
Automatic rifles:	
1912-13.....	34.92
1913-14.....	37,750.61
Field artillery for Organized Militia.....	125.34
Field artillery for Organized Militia, 1913-14.....	430.27
Repairs of arsenals:	
1913.....	35,494.77
1914.....	23,608.71
Exchanging or issuing new pistols, ammunition, etc., Organized Militia.....	49,190.89
Fortifications in insular possessions, "H".....	6,518.25
National trophy and medals for rifle contests, 1914.....	208.01
Board of Ordnance and Fortification.....	1,330.74
Armament of fortifications:	
B.....	1,170.18
C.....	7,476.80
K.....	113.83
O.....	44.97
N.....	548.85
M.....	650.91
H.....	3,433.10
L.....	13.56
Isthmian Canal, DFG.....	466.04
Isthmian Canal, H.....	1,506.05
Field artillery for Organized Militia, 1913-1915.....	1,829.81
Fire control at fortifications, Isthmian Canal.....	315.08
Ordnance material (proceeds of sales).....	41.21
Total.....	992,611.35

FABRICATIONS.

PART I.

	Each.	Total.
CLASS I.		
1. Seacoast guns:		
100 forgings for safety bar slide latches, for 8-inch guns, model 1888, and modifications.....	\$1.16	\$116.00
200 forgings for safety bar slide latches, for 10 inch and 12 inch guns, model 1888.....	.81	162.00
65 forgings for safety bar slide latches, for 10-inch guns, models 1895, 95MI, and 1900.....	1.05	68.25
115 forgings for safety bar slide latches, for 12-inch guns, models 1895, 1895MI.....	1.05	120.75
175 forgings for safety latch guides, for 10-inch and 12-inch guns, models 1895, 95MI, and 1900.....	1.05	183.75
3. Seacoast mortars:		
93 forgings for safety bar slide latches, for 12-inch mortars, models 1908 and 1912.....	.46	42.78
CLASS II.		
7. Miscellaneous articles:		
Emergency tools for loading projectiles with explosive "D"—		
19 drills, 1½-inch diameter and handles.....	10.25	194.75
6 drill guides for medium caliber base detonating fuses.....	1.72	10.32
13 drill guides for major caliber base detonating fuses.....	2.94	38.22
6 fuse seat formers for medium caliber base detonating fuses.....	15.01	90.06
13 fuse seat formers for major caliber base detonating fuses.....	16.60	215.80

Statement of expenditures at the Springfield Armory, Mass., and of arms, components of arms, and appendages fabricated, altered, and repaired, etc.—Continued.

FABRICATIONS—Continued.

PART I—Continued.

	Each.	Total.
CLASS II—Continued.		
7. Miscellaneous articles—Continued.		
Emergency tools for loading projectiles with explosive "D"—Continued.		
12 U wrenches for medium caliber base detonating fuses.....	\$0.72	\$8.64
26 U wrenches for major caliber base detonating fuses.....	6.55	170.30
12 U wrenches for 14-inch A. P. shot and shell.....	2.77	33.24
14 U wrenches for 12-inch mortar shell.....	2.73	38.22
12 rammers for 6-inch projectiles.....	5.15	61.80
21 rammers for 12-inch mortar shell, 1,046 pounds.....	8.95	187.95
7 rammers for 12-inch mortar shell, 700 pounds, 30 inches long.....	8.00	56.00
6 rammers for 14-inch shot, 28 inches long.....	5.71	34.26
12 rammers for 14-inch shell, 40 inches long.....	.55	6.60
51 mauls.....	5.92	301.92
CLASS III.		
2. Ammunition for rapid-fire seacoast cannon:		
2,506 forgings for 3.8-inch shrapnel case heads.....	.26	651.56
6. Miscellaneous components:		
For medium caliber detonating fuzes, model of 1906—		
10,970 brass plugs.....	.002	21.94
2,178 casings.....	.14	304.92
6,597 delay-action primers.....	.03	197.91
2,375 detonator stocks.....	.17	403.75
11,145 detonator-stock set screws.....	.005	55.73
4,647 firing pins.....	.07	325.29
11,476 firing-pin fulcrums.....	.0005	5.74
10,114 front plugs.....	.06	606.84
11,790 front-plug set screws.....	.006	70.74
2,267 plungers.....	.05	113.35
4,344 plunger housings.....	.05	217.20
9,720 plunger-housing pins.....	.002	19.44
4,324 primers.....	.02	86.48
4,490 primer cups.....	.02	89.80
3,100 primer disks.....	.003	9.30
8,042 rear plugs.....	.07	562.94
10,227 rear-plug set screws.....	.004	40.91
10,030 restraining-spring housings.....	.003	30.09
9,720 safety pins.....	.002	19.44
794 stocks.....	.62	492.28
CLASS IV.		
1. Machine guns:		
Parts for automatic machine rifles, caliber .30, model of 1909—		
84 actuators (with bushings and pins).....	15.80	1,327.20
604 actuator springs.....	.25	151.00
58 actuator-spring seats.....	2.75	159.50
433 adjusting screws.....	.10	43.30
200 ammunition boxes.....	7.00	1,400.00
3 aperture disks.....	.50	1.50
643 aperture-disk pivot springs.....	.05	32.15
1,068 barrels, complete.....	12.00	12,816.00
4 barrels, fitted with Maxim silencers, type A.....	112.00	448.00
106 barrel rests, complete.....	9.05	959.30
8 barrel-rest heads.....	1.27	10.16
22 base springs.....	.20	4.40
58 binders.....	2.00	116.00
61 binder levers.....	2.00	122.00
375 binder-lever pivots.....	.15	56.25
721 binder springs.....	.10	72.10
709 blocking screws.....	.10	70.90
3 body-stiffening pieces.....	.20	.60
3 bottom plates.....	4.00	12.00
12 bottom-plate rivets.....	.01	.12
546 breech blocks.....	15.00	8,190.00
3 butt plates.....	2.75	8.25
379 butt-plate screws.....	.10	37.90
379 butt-plate screws, wood.....	.02	7.58
630 cartridge-base stops.....	.25	157.50
744 cartridge stops.....	.09	66.96
131 cartridge-stop holders.....	.25	32.75
1,417 cartridge-stop springs.....	.10	141.70
15 catches for barrel-rest leg.....	.30	4.50
202 cleaning brushes.....	.05	10.10
51 cleaning-brush holders.....	.18	9.18
101 cleaning rods, complete.....	.45	45.45

Statement of expenditures at the Springfield Armory, Mass., and of arms, components of arms, and appendages fabricated, altered, and repaired, etc.—Continued.

FABRICATIONS—Continued.

PART 1—Continued.

	Each.	Total.
CLASS IV—Continued.		
Machine guns—Continued.		
Parts for automatic machine rifles, caliber .30 model of 1909—Continued.		
52 cleaning rod handles.....	\$0.09	\$4.68
8 cleaning rod sleeves.....	.02	.16
12 cleaning rod stems.....	.18	2.16
379 closing springs.....	.15	56.85
82 cocking handles, complete.....	7.00	574.00
3 cocking handle knobs.....	4.00	12.00
3 cocking handle shanks.....	2.97	8.91
12 cocking handle rivets.....	.01	.12
5 connecting pieces, male.....	1.75	8.75
13 connecting pieces, female.....	1.75	22.75
117 cooling sponges.....	1.15	134.55
58 cover plates.....	3.00	174.00
581 cover plate screws.....	.10	58.10
10 cover plate screw washers.....	.005	.05
495 cover screws.....	.05	24.75
2,000 cut patches, cotton flannel.....	.0013	2.60
2,000 cut patches, tampa flannel.....	.0013	2.60
66 defective cartridge extractors.....	.15	9.90
70 dismounting wrenches.....	.75	52.50
57 drifts.....	.15	8.55
42 drift slides.....	.60	25.20
778 ejectors.....	.14	108.92
58 ejector bushings.....	2.00	116.00
750 ejector caps.....	.45	337.50
105 ejector keys.....	.20	21.00
831 ejector springs.....	.10	83.10
52 elevating mechanisms.....	8.24	428.48
3 elevating mechanism feet.....	.67	2.01
6 elevating mechanism foot pins.....	.02	.12
3 elevating mechanism guide rods.....	.62	1.86
43 elevating screws.....	.60	25.80
42 elevating screw heads.....	.10	4.20
45 elevating screw pins.....	.01	.45
58 elevating screw slides.....	2.50	145.00
433 elevating screw slid pins.....	.03	12.99
3 elevating screw tubes with caps.....	.25	.75
3 elevating screw tube washers.....	.05	.15
3 end plugs.....	.10	.30
1,324 extractors.....	.50	662.00
506 extractor dismounting tools.....	.12	60.72
3,548 extractor springs.....	.04	141.92
170 feed pieces.....	5.00	850.00
3 feed piece housing covers.....	3.00	9.00
87 feed piece springs.....	.51	44.37
151 feed piece springs, complete.....	1.00	151.00
6,205 feed strips.....	.20	1,241.00
391 ferreture nuts.....	6.00	2,346.00
1,499 firing pins.....	.55	824.45
390 fixed base screws.....	.10	39.00
12 foot rivets.....	.01	.12
12 front legs.....	1.00	12.00
6 front leg axes.....	.10	.60
6 front leg feet.....	.25	1.50
114 front sights.....	1.39	158.46
26 front sights, complete.....	1.75	45.50
3 front sight carriers.....	2.60	7.80
417 front sight covers.....	.25	104.25
389 front sight screws.....	.01	3.89
64 gas cylinder cleaners, complete.....	1.25	80.00
71 grease brushes.....	.10	7.10
86 grease pots.....	.35	30.10
23 guards.....	37.90	871.70
384 guard screws.....	.01	3.84
1,761 guide screws, for loading tool.....	.05	88.05
45 half nuts.....	.31	13.95
747 half nut springs.....	.05	37.35
153 hammers, copper.....	.75	114.75
73 hand extractors.....	.20	14.60
4 hand guards.....	5.00	20.00
64 hand guards with leg catches.....	7.06	451.84
3 hinge pins.....	.05	.15
3 inner elevating screws.....	3.00	9.00

Statement of expenditures at the Springfield Armory, Mass., and of arms, components of arms, and appendages fabricated, altered, and repaired, etc.—Continued.

FABRICATIONS—Continued.

PART 1—Continued.

	Each.	Total.
CLASS IV—Continued.		
Machine guns—Continued.		
Parts for automatic machine rifles, caliber .30, model of 1909—Continued.		
3 latch plates.....	\$1.50	\$4.50
384 latch plate screws.....	.25	96.00
723 latch springs.....	.15	108.45
15 leaves.....	3.00	45.00
45 leaf joint pins.....	.02	.90
739 leg catch springs.....	.05	36.95
58 loading tools, complete.....	11.55	669.90
3 loading tool handles.....	.375	1.13
43 loading tool levers, right.....	.60	25.80
40 loading tool levers, left.....	.60	24.00
375 loading tool lever axes.....	.15	56.25
374 loading tool lever washers.....	.10	37.40
305 locking nuts.....	4.08	1,244.40
3 locking nut stops.....	.05	.15
1,192 locking screws.....	.20	238.40
13 movable bases.....	.80	10.40
78 oil cans.....	.50	39.00
53 orifice screws.....	.10	5.30
3 outer elevating screws.....	3.00	9.00
14,234 pin stock, inches.....	.01	142.34
45 pivots.....	.05	2.25
147 pivot springs.....	.05	7.35
82 pliers.....	.25	20.50
3 plungers.....	.03	.09
3 plunger rings.....	.02	.06
682 plunger springs.....	.10	68.20
15 pushing bars, with pushing bar guides.....	2.15	32.25
55 rammers.....	.05	2.75
57 rear sights, complete.....	10.50	598.50
2 rear sight fixed bases.....	2.50	5.00
3 rear sight slide caps.....	2.60	7.80
11 receivers, complete.....	66.33	729.63
42 regulators, complete.....	3.00	126.00
3 regulator pistons.....	.74	2.22
3 regulator sleeves.....	2.25	6.75
3 regulator sleeve pins.....	.01	.03
73 resizing tools, complete.....	5.15	375.95
56 screw drivers.....	.15	8.96
54 sears, with spring levers.....	5.00	270.00
839 sear springs.....	.07	58.73
3 sear spring levers.....	.10	.30
3 sear spring pins.....	.03	.09
5 separators.....	.50	2.50
3 separator axes.....	.10	.30
372 separator bolts, nuts, and split pins.....	.20	74.40
3 separator nuts.....	.05	.15
3 separator split pins.....	.05	.15
3 sight bracket screws.....	.10	.30
3 sight carrier pins.....	.03	.09
35 slides.....	1.25	43.75
40 slide caps.....	2.60	104.00
373 slide cap screws, large.....	.03	11.19
373 slide cap screws, small.....	.02	7.46
7 slide guide pins.....	.10	.70
7 slide guide pin pins.....	.02	.14
728 slide springs.....	.05	36.40
736 spring screws.....	.05	36.80
6 spring seat pins.....	.02	.12
98 stocks, with elevating screw tubes.....	5.00	490.00
3 stock bolts.....	.26	.78
2 telescopic sight brackets.....	2.15	4.30
52 triggers.....	7.30	379.60
81 windage screws, complete.....	.31	25.11
55 windage screws.....	.15	8.25
40 windage screw collars.....	.05	2.00
40 windage screw knobs.....	.05	2.00
40 windage screw pins.....	.01	.40
719 windage screw springs.....	.05	35.95
Parts for Maxim automatic machine gun, caliber .30, model of 1904—		
8 barrels.....	7.83	62.64
12 belt openers.....	1.40	16.80
30 cleaning rods.....	1.20	36.00

Statement of expenditures at the Springfield Armory, Mass., and of arms, components of arms, and appendages fabricated, altered, and repaired, etc.—Continued.

FABRICATIONS—Continued.

PART 1—Continued.

	Each.	Total.
CLASS IV—Continued.		
Machine guns—Continued.		
Parts for Maxim automatic machine gun, caliber .30, model of 1904—Continued.		
4 cradles for Vickers tripod, model "J".....	\$160.00	\$640.00
30 crosshead washers, .003 inch.....	.09	2.70
30 crosshead washers, .005 inch.....	.09	2.70
23 cutting pliers, pairs.....	.55	12.65
58 feed pawl springs.....	.09	5.22
25 files, half round.....	.35	8.75
1 filling cup.....	2.60	2.60
12 monkey wrenches.....	1.20	14.40
56 sight pawl springs.....	.05	2.80
20 spring balances.....	1.00	20.00
11 tool boxes.....	9.90	108.90
Parts for Colt's automatic machine gun, caliber .30—		
5 aperture disks.....	.30	1.50
5 cover screws.....	.05	.25
5 drift slides.....	.70	3.50
5 elevating screws.....	.08	.40
5 elevating screw heads.....	.10	.50
5 elevating screw pins.....	.01	.05
3 front sights.....	2.50	7.50
5 front sight covers.....	.80	4.00
1 front sight screw.....	.05	.05
5 half nuts.....	.30	1.50
5 half nut springs.....	.03	.15
1 leaf.....	2.00	2.00
5 leaf joint pins.....	.01	.05
5 movable bases.....	2.50	12.50
5 pivots.....	.01	.05
5 pivot springs.....	.03	.15
10 fixed bases.....	3.00	30.00
5 slide bodies.....	.90	4.50
5 slide caps.....	.65	3.25
5 slide cap screws, large.....	.01	.05
5 slide cap screws, small.....	.01	.05
5 windage screws.....	.45	2.25
5 windage screw collars.....	.05	.25
5 windage screw knobs.....	.18	.90
5 windage screw pins.....	.01	.05
5 windage screw springs.....	.05	.25
Parts for Gatling gun, caliber .30—		
2 crank handle rivets.....	1.75	3.50
3. Field cannon:		
135 forgings for azimuth worm levers for panoramic sights, model of 1913.....	1.00	135.00
109 forgings for cross wire holders for 4.7-inch howitzers.....	.50	54.50
37 forgings for cross wire holder brackets for 4.7-inch howitzers.....	.71	26.27
100 forgings for hinge pin catches for 3-inch field guns, models 1902, 1904, and 1905.....	.15	15.00
15 forgings for locking levers, left hand, for plotting board index boxes.....	.19	2.85
35 forgings for range quadrant brackets for howitzer carriages.....	1.55	54.25
1,265 forgings for sears for 3.8-inch and 4.7-inch guns and 4.7-inch and 6-inch howitzers, all models.....	.07	88.55
175 forgings for sears for 3-inch field guns, models 1904 and 1905.....	.07	12.25
37 forgings for sight shanks for 3.8-inch howitzers.....	6.06	224.22
16 forgings for sight shank for sight, model 1912, for howitzer carriages.....	6.58	105.28
5. Subcaliber guns and subcaliber cartridges:		
4 barrels, rifle, caliber .30, for subcaliber cartridges for 2.95-inch mountain gun.....	3.75	15.00
40 barrels for subcaliber cartridges for 3-inch field guns, models 1902, 1904, and 1905.....	2.86	114.40
50 barrels, caliber .30, for 1-pounder drill cartridges.....	2.27	113.50
25 barrels, caliber .30, for 3-pounder drill cartridges.....	2.27	56.75
5 barrels, rifle, caliber .22, for subcaliber and drill cartridge kits for 3-inch (15-pounder) gun, model 1903.....	17.48	87.40
10 cartridge holders, caliber .22, for subcaliber and drill cartridge kits for 3-inch (15-pounder) gun, model 1903.....	3.00	30.00
8 sets subcaliber equipment, complete, for 7-inch howitzer, model of 1890.....	49.54	396.32
9. Miscellaneous articles:		
29 forgings for testing level bodies.....	.65	18.85
CLASS VI.		
3. Ammunition for field cannon:		
4,320 forgings for 3-inch shrapnel diaphragms.....	.08	345.60

Statement of expenditures at the Springfield Armory, Mass., and of arms, components of arms, and appendages fabricated, altered, and repaired, etc.—Continued.

FABRICATIONS—Continued.

PART 1—Continued.

	Each.	Total.
CLASS VII.		
1. Rifles and carbines:		
26,210 United States rifles, caliber .30, model of 1903.....	\$12.23	\$320,548.30
199 United States rifles, caliber .30, model of 1903, fitted with Maxim silencers..	19.75	3,930.25
134 United States rifles, caliber .30, model of 1903, fitted with telescopic musket sights.....	64.68	8,667.12
1 United States rifle, caliber .30, model of 1903, fitted with Maxim silencer and telescopic musket sight, model of 1913.....	72.20	72.20
1 United States rifle, caliber .30, model of 1903, incomplete.....	9.12	9.12
2,714 cleaning rods, model of 1910.....	.37	1,004.18
13,654 cleaning rods, model of 1913.....	.37	5,051.98
5,856 brush sections.....	.035	204.96
4,806 handle sections.....	.14	672.84
5,556 patch sections.....	.045	250.02
5,106 second sections.....	.07	357.42
5,106 swivel sections.....	.08	408.48
450 swivels.....	.04	18.00
1 cleaning rod, steel, similar to model of 1903.....	1.25	1.25
1 cleaning rod, steel, similar to model of 1913.....	4.60	4.60
13,000 barrack cleaning rods.....	.19	2,470.00
7,504 drift slides, No. 4.....	.075	562.80
8,055 drift slides, No. 6.....	.075	604.13
12 drift slides, .07 peep.....	.24	2.88
12 drift slides, .08 peep.....	.24	2.88
12 drift slides, .09 peep.....	.24	2.88
171,010 front sight covers.....	.02	3,420.20
37,264 oiler and thong cases, complete.....	.12	4,471.68
36,746 oiler cap washers.....	.01	367.46
12,426 oil droppers.....	.03	372.78
14,226 thong-case bodies, complete.....	.05	711.30
15,426 thong-case caps, complete.....	.03	462.78
7,892 screwdrivers.....	.10	789.20
800 screwdrivers, for telescopic musket sight, model of 1908.....	.15	120.00
17,977 spare part containers (wood part).....	.10	1,797.70
61,462 thongs.....	.05	3,073.10
46,928 thong brushes.....	.04	1,877.12
20,440 thong cords.....	.01	204.40
35,536 thong tips.....	.02	710.72
35,936 thong weights.....	.02	718.72
Parts for United States rifle, caliber .30, model of 1903—		
4,526 barrels, with front sight fixed stud and pin, and rear sight fixed base, pin and spline.....	1.91	8,644.66
1 barrel, with front sight stud and pin, star gauged.....	2.17	2.17
12 barrels, with front and rear sights.....	2.92	35.04
3 barrels, stripped.....	1.48	4.44
1,257 barrels and receivers.....	4.04	5,078.28
254 base pins.....	.005	1.27
202 base splines.....	.005	1.01
3,340 base springs.....	.04	133.60
6,354 bolts, assembled.....	.98	6,226.92
61 bolt mechanisms, complete.....	2.145	130.85
3,558 bolt stops, assembled.....	.015	53.37
264 bolt-stop springs.....	.005	1.32
2,194 butt plates.....	.31	680.14
75 butt plates, complete.....	.365	27.38
2,604 butt-plate caps.....	.04	104.16
1,704 butt-plate pins.....	.005	8.52
3,454 butt-plate screws, large.....	.01	34.54
4,836 butt-plate screws, small.....	.005	24.18
3,240 butt-plate springs.....	.005	16.20
2,046 butt-plate spring screws.....	.005	10.23
2,286 butt swivels, complete.....	.09	205.74
1,536 butt-swivel screws.....	.005	7.68
2,804 cut-offs.....	.15	420.60
452 cut-offs, complete.....	.18	81.36
7,582 cut-off plungers.....	.01	75.82
2,556 cut-off screws.....	.005	12.78
3,404 cut-off spindles.....	.01	34.04
4,992 cut-off springs.....	.005	24.96
20,256 drift slides, No. 5.....	.075	1,519.20
4,248 ejectors.....	.07	297.36
10,510 ejector pins.....	.005	52.55
26,929 extractors.....	.20	5,385.80
47,761 firing pins.....	.26	12,417.86
4 454 firing-pin sleeves.....	.01	44.54
4 fixed bases.....	.47	1.88

Statement of expenditures at the Springfield Armory, Mass., and of arms, components of arms, and appendages fabricated, altered, and repaired, etc.—Continued.

FABRICATIONS—Continued.

PART 1—Continued.

	Each.	Total.
CLASS VII—Continued.		
1. Rifles and carbines—Continued.		
Parts for United States rifle, caliber .30, model of 1903—Continued.		
2,046 floor plates.....	\$0.25	\$511.50
3,005 floor-plate catches.....	.06	180.30
2,805 floor-plate pins.....	.005	14.03
4,093 floor-plate springs.....	.005	20.47
2,404 followers.....	.17	408.68
4,395 front sights.....	.03	131.85
56 front-sight fixed studs.....	.16	8.96
9,131 front-sight pins.....	.005	45.66
3,989 front-sight screws.....	.005	19.95
1,553 guards.....	.90	1,397.70
1,302 guard-screw bushings.....	.015	19.53
13,540 guard screws, front.....	.01	135.40
10,457 guard screws, rear.....	.005	52.29
12,151 hand guards.....	.225	2,733.98
32,617 hand-guard clips.....	.02	652.34
2,046 joint pins.....	.01	20.46
8,098 leaves.....	.27	2,186.46
3,444 lower bands.....	.15	516.60
7,304 lower-band screws.....	.005	36.52
2,046 lower-band springs.....	.055	112.53
5,109 lower-band swivels.....	.06	306.54
3,408 magazine springs.....	.05	170.40
3,088 mainsprings.....	.02	61.76
2,046 movable bases.....	.285	583.11
6,309 movable studs.....	.10	630.90
7,433 rear sights, complete.....	.97	7,210.01
8 receivers.....	2.115	16.92
6,654 safety locks, complete.....	.16	1,064.64
1,705 sears.....	.14	238.70
10,205 sear pins.....	.005	51.03
3,751 sear springs.....	.005	18.76
62 sear springs, special.....	.10	6.20
2,304 sleeves.....	.385	887.04
1,900 sleeves, complete.....	.455	864.50
1,904 sleeve locks.....	.06	114.24
4,004 sleeve lock pins.....	.005	20.02
1,704 sleeve lock springs.....	.005	8.52
117 slides.....	.13	15.21
23,910 slides, assembled.....	.22	5,260.20
19,410 slide binding screws.....	.01	194.10
206 slide caps.....	.07	14.42
38,304 slide cap pins.....	.005	191.52
19,810 slide cap screws.....	.005	99.05
7,104 stacking swivels.....	.06	426.24
10,356 stacking swivel screws.....	.005	51.78
5,120 stocks.....	1.28	6,553.60
8,775 stock screws.....	.01	87.75
9,400 stock screw nuts.....	.005	47.00
78,075 strikers.....	.06	4,684.50
1,603 triggers.....	.11	176.33
1,053 trigger pins.....	.01	10.53
1,194 upper bands.....	.42	501.48
8,826 upper band screws.....	.01	88.26
5,392 windage screws, assembled.....	.07	377.44
250 windage screw collars.....	.01	2.50
2,000 windage screw knobs.....	.01	20.00
700 windage screw pins.....	.005	3.50
1,000 gallery practice rifles, model of 1903.....	12.21	12,210.00
3 gallery practice rifles, model of 1903, incomplete.....	8.49	25.47
Parts for gallery practice rifles, model of 1903—		
685 barrels, with front sight fixed stud and pin, and rear sight fixed base, pin, and spine.....	1.91	1,308.35
200 barrels and receivers.....	4.04	808.00
34,630 cartridge holders.....	.20	6,926.00
4,500 cleaning brushes.....	.05	225.00
3,300 cleaning rods.....	.18	594.00
1,000 ramrods.....	.02	20.00

Statement of expenditures at the Springfield Armory, Mass., and of arms, components of arms, and appendages fabricated, altered, and repaired, etc.—Continued.

FABRICATIONS—Continued.

PART 1—Continued.

	Each.	Total.
CLASS VII—Continued.		
2. Pistols and revolvers:		
3,030 automatic pistols, caliber .45, model of 1911.....	\$8.98	\$27,209.40
Parts for automatic pistols, caliber .45, model of 1911—		
12 barrels.....	1.05	12.60
27 barrels, with link pins, caliber .22.....	4.05	109.35
637 cartridge holders, caliber .22.....	.73	465.01
16 ejectors.....	.18	2.88
26 extractors, special, caliber .22.....	.78	20.28
4 hammers, experimental.....	24.59	98.36
4,477 magazines.....	.50	2,238.50
36 magazine catches.....	.20	7.20
27 magazine catch locks.....	.05	1.35
50 magazine catch springs.....	.02	1.00
24 magazine pins.....	.01	.24
24 magazine springs.....	.05	1.20
4 rear sights.....	.10	.40
2 safety locks.....	.40	.80
1 searchlight.....	62.90	62.90
5. Hand arms:		
31,639 bayonets, model of 1905.....	1.44	45,560.16
1,704 bayonet catches.....	.04	68.16
4,092 bayonet grips, left.....	.02	81.84
4,092 bayonet grips, right.....	.02	81.84
3,408 bayonet nuts.....	.005	17.04
252 bayonet guards.....	.17	42.84
190 bayonet rivets.....	.005	.95
3,068 bayonet screws.....	.005	15.34
3,750 bayonet springs.....	.005	18.75
3,408 bayonet washers.....	.005	17.04
3,194 bayonet scabbard catches.....	.05	159.70
5,600 bolos, model of 1910.....	1.95	10,920.00
29 catches.....	.05	1.45
32 bolo grips, right.....	.05	1.60
32 bolo grips, left.....	.05	1.60
29 grip screws.....	.02	.58
29 nuts.....	.01	.29
25 springs.....	.01	.25
29 washers.....	.02	.58
For bolo, model of 1909—		
21 grips, right.....	.08	1.68
21 grips, left.....	.08	1.68
1 guard.....	.15	.15
7 pommels.....	.02	.14
7 pommel screws.....	.01	.07
60 rivets.....	.02	1.20
120 washers.....	.02	2.40
4,700 Hospital Corps knives.....	2.25	10,575.00
100 officer's sabers.....	11.00	1,100.00
115 officer's saber scabbards.....	5.47	629.05
2 guards.....	1.90	3.80
1 pommel.....	.85	.85
44 linings.....	.09	3.96
13 mouthpiece screws.....	.05	.65
50 cadet swords.....	12.00	600.00
50 cadet sword scabbards.....	12.00	600.00
24,799 Cavalry sabers, model of 1913.....	3.85	95,476.15
1,998 Cavalry saber scabbards, officer's model.....	3.87	7,732.26
CLASS X.		
1. Arm chests, arm racks, etc.:		
2,674 arm chests for model 1903 rifle, capacity 10 arms.....	3.90	10,428.60
200 arm chests for gallery practice rifle, model of 1903, capacity 4 arms.....	2.20	440.00
206 arm chests for automatic pistol, caliber .45, model of 1911.....	5.51	1,135.06
1 arm chest for fencing muskets.....	8.09	8.09
200 arm lockers for automatic pistol, caliber .45, model of 1911.....	8.47	1,694.00
334 packing chests for bayonets, model 1905.....	2.00	668.00
112 Packing chests for bolos, model 1910.....	2.50	280.00
94 packing chests for Hospital Corps knives.....	2.50	235.00
342 packing chests for spare parts and appendages for 100 arms for 1 year, model of 1903 rifles.....	2.20	752.40
36 packing chests for spare parts for 1,000 arms, model of 1903 rifle.....	2.20	79.20
34 packing chests for 50 spare stocks for United States rifle, caliber .30, model of 1903.....	2.70	91.80

10 EXPENDITURES AT SPRINGFIELD ARMORY, MASS., ETC.

Statement of expenditures at the Springfield Armory, Mass., and of arms, components of arms, and appendages, fabricated altered, and repaired, etc.—Continued.

FABRICATIONS—Continued.

PART 1—Continued.

	Each.	Total.
CLASS X—Continued.		
2. Fencing equipment:		
4,000 fencing bayonets, model of 1906	\$1.46	\$5,840.00
1,022 set screws for fencing bayonets	.02	20.44
2,100 fencing muskets, model of 1906	1.25	2,625.00
100 stocks for fencing muskets	.34	34.00
7 fencing muskets, English model	25.87	181.09
3 fencing muskets, experimental	9.39	28.17
9. Tools for repairing arms and equipments:		
For arm repair chest, model of 1910—		
592 anvils	.43	254.56
472 assembling tools	.10	47.20
607 bullet jacket extractors	.08	48.56
3,976 drifts, assorted	.05	198.80
697 drifts, No. 3	.16	111.52
697 drifts, No. 4	.16	111.52
732 eyelet awls	.50	366.00
732 eyelet sets	.25	183.00
472 screw drivers, No. 1	.12	56.64
472 screw drivers, No. 2	.12	56.64
472 sets, No. 1	.04	18.88
For company repair kits, model of 1903—		
61 assembling tools	.10	6.10
50 blocks, wooden	.05	2.50
55 bullet jacket extractors	.08	4.40
3,984 drifts, assorted	.05	199.20
63 hammers, brass	.23	14.49
60 hammers, steel	.25	15.00
50 pliers, pairs	.21	10.50
200 screw drivers, assorted	.12	24.00
174 sets, assorted	.04	6.96
300 pistol cleaning kits, model of 1912	4.49	1,347.00
50 cleaning boxes, with packing block	1.18	59.00
5,880 cleaning rods	.10	588.00
46 grease pots	.36	16.56
45 oil cans	.50	22.50
5,880 thong brushes	.05	294.00
9 armorer's tool chests, with tools, complete	86.74	780.66
2 assembling tools	4.60	9.20
1 clamp, vise, copper	.21	.21
1 clamp, vise, wood	.37	.37
2 screw drivers, for brace	.28	.56
2 clamps, vise, pairs (wood, faced with leather for United States rifle, caliber .30, model of 1903)	.37	.74
51 cleaning boxes, wood, for cadets	8.15	415.65
15 covers for cleaning boxes, wood, for cadets	.775	11.63
10. Cleaning, preserving, and repairing supplies:		
24 brushes, wire, caliber .30, for model of 1902 rifle	.34	8.16
24 brushes, wire, for Colt's revolver, caliber .45	.34	8.16
5 brushes, wire, caliber .30, for use with wiping rod for Colt automatic machine gun, caliber .30	1.45	7.25
905 brushes, wiping, caliber .30, for decapping and cleaning tools for cartridges	.25	226.25
184 brushes, cleaning, bristle, for subcaliber and drill cartridge kits and storage chests for 6-pounder guns	.18	33.12
7 brushes, cleaning, bristle, caliber .22, for subcaliber cartridge kits for 3-inch gun, model of 1903	.70	4.90
10 brushes, cleaning, 32 inches long, for reloading and cleaning outfits for Coast Artillery	2.38	23.80
1 brush, wire, brass, for jointed cleaning rod	.18	.18

PART 2.

CLASS II.		
7. Miscellaneous articles:		
1 board, display, for United States rifle, model of 1903, and appendages	\$101.26	\$101.26
144 files, rotary, for United States rifle, model of 1903	.44	63.36
5 sets photographs of the Benet-Mercie automatic shoulder rifle	1.73	8.65
CLASS III.		
5. Metal-working machines with their tools, fixtures, etc.:		
4 chamber reamers, for United States rifle, caliber .30, model of 1903	21.00	84.00

Statement of expenditures at the Springfield Armory, Mass., and of arms, components of arms, and appendages fabricated, altered, and repaired, etc.—Continued.

FABRICATIONS—Continued.

PART 2—Continued.

	Each.	Total.
CLASS IV.		
3. Inspecting instruments:		
19 barrels, caliber .30, model of 1903, for Horney pressure-gauge mount.....	\$1.265	\$24.04
4. Inspecting instruments for small arms:		
6 gauges, assorted, for issue.....	25.70	154.20
2 gauges, head space, maximum and minimum, for United States rifle, caliber .30, model 1903.....	24.125	48.25
CLASS V.		
5. Hardware:		
9,818 angle sealing strips for packing boxes.....	.0039	38.29

Total cost of arms, components of arms, and appendages fabricated, \$755,928.72.

ALTERATIONS AND REPAIRS.

PART 1.

	Each.	Total.
CLASS IV.		
1. Machine guns:		
125 Maxim automatic machine guns, caliber .30, model of 1904.....		
Parts for Maxim automatic machine guns, caliber .30, repaired—		
87 ammunition belts.....		
52 ammunition boxes.....		
125 barrels, spare.....		
101 belt filling machine boxes, complete.....		
97 cleaning rods.....		
125 filling cups.....		
1 rear sight.....		
112 tool boxes, complete.....		
97 tripods.....		
12 water boxes.....		
706 automatic machine rifles, caliber .30, model of 1909, modified.....		33,780.59
1 automatic machine rifle, caliber .30, model of 1909, repaired.....		45.25
Parts for automatic machine rifle, caliber .30, model of 1909, repaired—		
1 barrel, complete.....		4.02
1 barrel rest.....		2.24
1 cleaning rod, complete.....		.45
1 cocking handle, complete.....		3.00
1 dismounting wrench.....		.75
2 actuators, altered.....	\$2.00	4.00
1 breechblock, altered.....		1.00
1 Gatling gun, caliber .30, repaired, with spare parts and accessories.....		27.38
1 carriage for Gatling gun, caliber .30, repaired.....		12.00
5. Subcaliber guns and subcaliber cartridges:		
10 subcaliber attachments for 3.2-inch gun, repaired.....		30.00
4 sets subcaliber equipment, complete, for 5-inch siege gun, repaired.....		152.51
CLASS VII.		
1. Rifles and carbines:		
1133 United States rifles, caliber .30, model of 1903, repaired.....		4,598.93
12 United States rifles, caliber .30, model of 1903, fitted for telescopic musket sights, repaired.....		48.75
Parts for United States rifles, caliber .30, model of 1903, repaired—		
131 barrels and receivers.....		277.62
74 brushes and thongs.....		.98
115 oiler and thong cases.....		1.75
74 gallery-practice rifles, model of 1903, repaired.....		149.63
2 barrels and receivers for gallery-practice rifle, model of 1903, repaired.....		3.82
Parts of United States magazine carbine, caliber .30, model of 1899, repaired—		
1,000 barrels.....		
277 drift slides and pins.....		
400 extractors and sleeves.....		
800 handguards.....		
400 mainsprings.....		
100 rear sights, model of 1901.....		642.59
500 slide caps.....		
500 stocks, altered for knife bayonet.....		
6 stocks, carbine, altered for use with bayonet.....		
200 upper bands, complete.....		
6 upper bands, carbine, altered for use with bayonet.....		
86 barracks cleaning rods for model of 1898 rifle, altered.....		14.20

Statement of expenditures at the Springfield Armory, Mass., and of arms, components of arms, and appendages fabricated, altered, and repaired, etc.—Continued.

ALTERATIONS AND REPAIRS—Continued.

PART 1—Continued.

	Each.	Total.
CLASS VII—Continued.		
2. Revolvers:		
14 automatic pistols, caliber .45, model of 1911, repaired.....		\$6.94
4,668 Colt's revolvers, caliber .38, repaired.....		4,951.10
4. Shotguns:		
1 Winchester repeating shotgun, 12-gauge, model of 1897, repaired.....		6.00
5. Hand arms, repaired:		
1 bayonet, model of 1905.....		.28
100 bayonet scabbards, model of 1899.....		35.00
2 bolos, model of 1909.....		5.04
72 cadet swords.....		180.00
73 cadet sword scabbards.....		182.50
177 cavalry sabers.....		177.00
75 cavalry saber scabbards.....		63.38
4 officer's sabers.....		13.85
4 officer's saber scabbards.....		14.35
CLASS X.		
1. Arm chests, arm racks, etc., repaired:		
61 arm chests for model of 1903 rifle.....		112.25
9 arm chests for gallery-practice rifle.....		12.15
1 arm chest for Gatling gun, caliber .30.....		2.00
25 arm chests for Maxim automatic machine gun, model of 1904.....		33.72
105 packing chests with locks, etc., for Maxim automatic machine gun, model of 1904.....		57.81
6. Range-finding articles for small arms:		
32 telescopic musket sights, altered and repaired.....		346.25
9. Tools for repairing arms and components:		
235 drifts, assorted for company repair kit, model of 1903 rifle, repaired.....		1.30

PART 2.

CLASS IV.		
4. Inspecting instruments:		
2 gauges, repaired.....		\$17.23

Total cost of repairs and alterations, \$56,709.86.

Statement of expenditures at the Rock Island Arsenal and of arms, components of arms, and appendages fabricated, altered, and repaired during the fiscal year ended June 30, 1914, in pursuance of section 1665, Revised Statutes.

APPROPRIATIONS.

Manufacture of arms, 1911-12.....	\$33.20
Manufacture of arms, 1912-13.....	1,790.79
Manufacture of arms, 1913-14.....	106,782.26
Manufacture of arms, 1914-15.....	15,642.27
Total.....	124,248.52

PART 1, CLASS 7, SECTION 1.

3,375 United States rifles, caliber .30, model of 1903.
 447 bands, lower.
 447 bands, upper.
 800 barrels.
 2 barrels, with receivers, assembled, for gallery practice rifle, model 1903.
 25 bases, fixed.
 798 bases, rear sight movable.
 1,092 bolts, assembled.
 351 bushings, guard screw.

702 caps, butt plate.
702 catches, floor plate.
2,808 clips, hand guard.
1,702 cut-offs.
1,288 droppers, oil.
798 ejectors.
3,520 extractors.
702 followers.
351 guards.
1,404 guards, hand.
1,149 leaves, rear sight.
897 locks, safety, assembled.
25 pins, base.
702 pins, butt plate.
25 pins, butt swivel.
1,794 pins, ejector.
6,946 pins, firing, assembled.
702 pins, floor plate.
1,437 pins, front sight.
798 pins, rear sight joint.
2,557 pins, rear sight slide cap.
702 pins, sear.
351 pins, trigger.
447 plates, butt.
798 plates, floor.
1,731 plungers, cut-off.
2 receivers.
702 screws, butt plate, large.
543 screws, butt plate, small.
798 screws, butt plate spring.
543 screws, butt swivel.
1,053 screws, cut-off.
300 screws, front sight.
3,053 screws, guard, front.
3,053 screws, guard, rear.
1,944 screws, lower band.
4,720 screws, rear sight slide binding.
1,330 screws, rear sight slide cap.
1,538 screws, rear sight windage, assembled.
1,443 screws, stacking swivel.
1,138 screws, upper band.
238 screws, windage, complete.
100 screws, windage, not assembled.
702 sears.
2,049 sights, front.
200 sights, rear, complete.
702 sleeves, assembled.
702 firing pin.
1,565 slides, rear sight, assembled.
1,053 slides, rear sight drift, No. 5, assembled.
871 slides, rear sight drift, No. 4, assembled.
871 slides, rear sight drift, No. 6, assembled.
2,350 slides, rear sight, assembled.
702 spindles, cut-off.
1,245 springs, butt plate.
1,986 springs, cut-off.
1,596 springs, floor plate.
798 springs, lower band.
1,404 springs, magazine.
1,284 springs, main.
1,245 springs, rear sight base.
1,500 springs, sear.
1,460 stocks, assembled.
1,053 stops, bolt, assembled.
9,087 strikers.
51 studs, fixed.
300 studs, movable.

543 swivels, butt, assembled.
 702 swivels, lower band.
 1,397 swivels, stacking.
 351 triggers.

APPENDAGES.

5,728 brushes, thong.
 1,288 caps, thong case, assembled.
 23,215 cases, cleaning rod, 1910.
 1,688 cases, oiler and thong.
 2,179 containers, spare part (wood part).
 5,920 cords, thong.
 14,190 covers, front sight.
 1,288 bodies, thong case, assembled.
 20 pouches for 1st model telescopic musket sights.
 483 rods, cleaning, model of 1913.
 For cleaning rod, model of 1913:
 988 sections, brush.
 988 sections, handle, assembled.
 988 sections, patch.
 988 sections, second.
 988 sections, swivel, assembled.
 1,367 screw drivers.
 1,688 thongs, with brushes.
 2,768 tips, thong.
 3,248 washers, oiler cap.
 2,768 weights, thong.
 5,307 bayonets, model of 1905.
 Parts for bayonet, model of 1905:
 702 catches, bayonet.
 1,596 grips, bayonet, left.
 1,596 grips, bayonet, right.
 1,404 nuts, bayonet.
 1,234 screws, bayonet.
 1,550 springs, bayonet.
 1,404 washers, bayonet.

ALTERATIONS AND REPAIRS

8,822 United States rifles, caliber .30, model of 1903, cleaned and repaired.
 167 United States rifles, caliber .22, model of 1903, cleaned and repaired.
 724 United States rifles, caliber .30, model of 1903, fitted with barrels and receivers;
 new barrels furnished.
 7 United States rifles, caliber .22, model of 1903, fitted with barrels and receivers;
 new barrels furnished.
 521 carbines, caliber .30, model of 1899, altered for bayonet and gun slings.
 6,993 Colt revolvers, caliber .38, various alterations and repairs.
 50 S. & W. revolvers, caliber .38, various alterations and repairs.
 10 automatic pistols, caliber 7/65 M. M., cleaned and repaired.

