

COST OF MANUFACTURE OF GUNS, ETC., AT VARIOUS
ARSENALS, 1909.

LETTER

FROM

THE SECRETARY OF WAR,

TRANSMITTING

STATEMENT OF THE COST OF GUNS AND OTHER ARTICLES MANU-
FACTURED BY THE GOVERNMENT.

DECEMBER 7, 1909.—Referred to the Committee on Expenditures in the War Depart-
ment and ordered to be printed.

WAR DEPARTMENT,
Washington, December 6, 1909.

SIR: I have the honor to transmit herewith a letter from the Acting Chief of Ordnance, U. S. Army, dated November 9, submitting, in accordance with the requirements of the act of Congress approved August 18, 1890, statements of the cost of all type and experimental manufacture of guns and other articles, and the average cost of the several classes of guns and other articles manufactured by the Government at the several arsenals during the fiscal year ended June 30, 1909.

Very respectfully,

J. M. DICKINSON,
Secretary of War.

The SPEAKER OF THE HOUSE OF REPRESENTATIVES.

WAR DEPARTMENT,
OFFICE OF THE CHIEF OF ORDNANCE,
Washington, November 9, 1909.

SIR: In accordance with the requirements of the act approved August 18, 1890, I have the honor to transmit herewith, for the information of Congress, statements of the cost of all type and experimental manufacture of guns and other articles, and the average cost of the several classes of guns and other articles manufactured by the Government during the fiscal year ended June 30, 1909.

Respectfully,

JNO. T. THOMPSON,
Lt. Col., Ord. Dept., U. S. Army,
Acting Chief of Ordnance.

The honorable the SECRETARY OF WAR.

Annual statement of manufactures for the fiscal year ended June 30, 1909, at the Watervliet Arsenal, Watervliet, N. Y.

Number.	Article.	Price.	Amount.
PART I—CLASS I.			
Section 1.			
10	Pairs submerged torpedo tubes (Sub M by 21 inches, mark I, S, and P).....	\$25,367.00	\$253,670.00
	For 8-inch guns, model of 1888:		
1	Circuit breaker, complete.....	6.61	6.61
1	Circuit breaker contact piece.....	4.96	4.96
1	Circuit breaker contact piece insulation.....	.65	.65
2	Dust covers.....	4.03	8.06
1	Filling-in disk.....	15.11	15.11
2	Lanyard extensions.....	6.93	13.86
2	Obturator nuts with clamping screws.....	17.43	34.86
1	Obturator nut clamping screw.....	1.18	1.18
1	Obturator spindle washer.....	3.10	3.10
3	Screw-drivers, bar, for breech-plate screws.....	5.35	16.08
5	Screw-drivers, bar, for bronze bushing screws, etc.....	3.11	15.55
	For 10-inch guns, model of 1888:		
1	Circuit breaker contact piece.....	3.75	3.75
2	Circuit breaker contact piece insulations.....	.50	1.00
9	Gas-check pads.....	4.23	38.07
6	Intermediate pinions.....	11.73	70.38
8	Rotating crank pinions.....	17.17	137.36
1	Safety-bar slide.....	12.05	12.05
1	Safety-bar slide housing.....	2.26	2.26
10	Trays, N. M.....	127.94	1,279.40
2	Tray back-latch catches.....	9.26	18.52
2	Tray latch pivots.....	2.07	4.14
1	Cover for tool chest for carriage tools.....	12.34	12.34
2	Covers for armament chests.....	6.13	12.26
1	Screw-driver, bar, for breech-plate screws.....	1.12	1.12
4	Partitions for files for armament chest.....	.48	1.92
5	Screw-drivers, bar, for hinge pin oil-hole screws, etc.....	4.16	20.80
5	Screw-drivers, bar, for tray back latch, pivot screws, etc.....	1.54	7.70
	For 10-inch guns, model of 1895:		
5	Gas-check pads.....	2.83	14.15
2	Pallets for breech-block locking device.....	13.24	26.48
	For 10-inch guns, model of 1900:		
10	Gas check pads.....	2.80	28.00
	For 12-inch guns, model of 1888:		
1	Tray spring bolt.....	8.50	8.50
2	Tray spring-bolt springs.....	3.22	6.44
	For 12-inch guns, model of 1895:		
6	Circuit-breaker contact pieces.....	1.48	8.88
8	Circuit-breaker contact piece insulations.....	.10	.80
8	Circuit-breaker contact piece screws.....	.15	1.20
8	Circuit-breaker contact piece screw insulations.....	.10	.80
4	Cranks.....	17.00	68.00
4	Crank set crews.....	.15	.60
1	Filling-in disk, special.....	28.88	28.88
15	Gas check pads.....	3.43	51.45
8	Obturator nut-clamp screws.....	.50	4.00
5	Operating crank spindles.....	4.65	23.25
4	Slide springs.....	.15	.60
8	Tray latch-catch springs.....	.10	.80
1	Threaded pin for lever pivot for breech mechanism.....	.72	.72
4	Combination armament chests.....	35.13	140.52
3	Wrenches, obturator nut.....	13.92	41.76
3	Partitions for files for armament chest.....	.48	1.44
	For 12-inch guns, model of 1900:		
1	Filling-in piece.....	25.00	25.00
1	Gas check pad.....	46.00	46.00
10	Safety-bar slide housing screws.....	.30	3.00
1	Steel strip for making the necessary correction in the tray.....	2.51	2.51
1	Split ring, front.....	20.00	20.00
1	Split ring, rear.....	20.00	20.00
1	Split ring, small.....	15.00	15.00
2	Fixed trays for powder chamber, complete with screws.....	90.80	181.60
2	Tray back latches.....	36.56	73.12
2	Tray back-latch catches.....	21.88	43.76
2	Partitions for files for armament chest.....	.48	.96
1	Dummy breech mechanism for 14-inch guns.....	1,839.78	1,839.78
Section 2.			
	For 2.24-inch (6-pounder) gun, model of 1900:		
5	Trigger pins.....	.38	1.90
25	Trigger springs, new design.....	.57	14.25
8	Lanyards, short.....	2.52	20.16
	For 2.24-inch (6-pounder) gun, Driggs-Schroeder, Mark III:		
3	Firing-pin heads.....	3.93	11.79
1	Main bolt.....	26.86	26.86
2	Lanyards.....	4.39	8.78

Annual statement of manufactures for the fiscal year ended June 30, 1909, at the Watervliet Arsenal, Watervliet, N. Y.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
Section 2—Continued.			
	For 3-inch (15-pounder) gun, model of 1898:		
3	Extractors.....	\$35.54	\$106.62
24	Firing pins.....	5.13	123.12
61	Firing-pin heads.....	2.07	49.68
96	Firing-pin springs.....	.81	13.77
65	Locking bolts.....	2.80	28.00
06	Locking-bolt springs.....	.20	2.00
11	Operating-lever knobs.....	.72	2.88
86	Operating-lever knobs and rivets.....	2.02	4.04
86	Sear springs.....	.75	41.25
18	Spline screw for stud.....	.50	.50
10	Hardened steel stud (stop for block).....	2.25	2.25
08	Hand extractors.....	2.92	5.84
55	Lanyard connections.....	.72	1.44
	For 3-inch (15-pounder) gun, model of 1902:		
75	Cocking stud springs.....	1.87	3.74
00	Firing cables (bracket to firing pin).....	6.29	62.90
07	Firing pins.....	7.63	45.78
38	Firing-pin insulations.....	1.39	6.95
36	Firing-pin nut.....	.75	.75
05	Firing-pin guide.....	18.66	18.66
26	Hand lever latch springs.....	.37	2.22
40	Latch springs.....	.62	1.86
52	Link pivot with taper pin.....	30.86	30.86
14	Link-pivot pin and latch seat.....	15.40	15.40
34	Link-pivot taper pins.....	.50	3.00
26	Taper pins for firing-pin nuts.....	.60	1.80
12	Trigger pin collar pins.....	.80	2.40
02	Trigger springs.....	1.11	3.33
82	Copper bar.....	.43	.43
70	Lanyards.....	2.57	10.28
4	Punches, pin, $\frac{1}{8}$ inch.....	.99	2.97
15	3-inch (15-pounder) guns, model of 1903.....	3,165.50	101,296.00
	For 3-inch (15-pounder) gun, model of 1903:		
26	Firing mechanisms, complete.....	31.22	811.72
46	Trigger shafts.....	6.16	283.36
27	Trigger-shaft detents.....	.07	1.89
50	Combination armament chests.....	24.79	396.64
44	For 4.72-inch gun, Armstrong:		
2	Connecting-rod guides.....	3.31	6.62
88	Filling-in piece insulations.....	.31	.62
80	Lanyard connecting rods.....	7.89	15.78
20	Lanyard eye nut.....	4.00	4.00
00	Sears.....	4.98	104.58
80	Sear caps.....	.85	1.70
	For 5-inch gun, model of 1897:		
88	Gear segment and screws.....	88.75	88.75
45	Safety bars.....	6.48	12.96
00	Trays, loading.....	12.61	50.44
25	For 5-inch gun, model of 1900:		
60	Cable clamp.....	1.47	1.47
80	Pinion.....	28.51	28.51
72	For 6-inch gun, model of 1897:		
52	Hinge-pin catches.....	1.50	3.00
76	Pinion pivot pins.....	.33	.66
44	Safety bar.....	7.46	7.46
1	Safety-bar pivot.....	1.24	1.24
00	Safety-bar operating studs.....	1.28	2.56
	For 6-inch gun, model of 1900:		
00	Block carrier.....	201.50	201.50
51	Contact piece insulation.....	.63	.63
00	Gear segment screws.....	1.45	5.80
00	Loading-tray pivot.....	8.51	8.51
00	Set screw for loading-tray pivot.....	.86	.86
60	Pinions.....	31.67	63.34
12	Partitions for files for armament chest.....	.48	.96
76	For 6-inch gun, model of 1903:		
96	Firing cable.....	7.31	7.31
78	Latches.....	9.70	58.20
6	Partitions for files for armament chests.....	.48	2.88
6	6-inch guns, model of 1905.....	12,175.98	97,407.84
	For 6-inch guns, model of 1905:		
15	Contact-housing insulations.....	.18	2.70
90	Contact-housing and circuit-breaker screws.....	.10	3.00
25	Contact-housing screw insulations.....	.10	3.10
31	Contact-pin A insulations.....	.45	9.45
16	Contact-pin B insulations.....	.37	7.77
21	Contact-pin insulation washers.....	.04	.64

Annual statement of manufactures for the fiscal year ended June 30, 1909, at the Watervliet Arsenal, Watervliet, N. Y.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
Section 2—Continued.			
For 6-inch guns, model of 1905—Continued.			
15	Contact-pin B insulation washers.....	\$0.29	\$4.35
30	Firing cables, short.....	1.97	59.10
15	Firing levers.....	7.21	108.15
15	Firing-lever spring screws.....	.30	4.50
30	Gas check pads.....	2.65	79.50
15	Obturator spindle springs.....	4.13	61.95
15	Plunger detents.....	.55	8.25
Section 3.			
For 12-inch mortar, model of 1886:			
1	Circuit-breaker contact piece.....	4.97	4.97
1	Rotating crank-gear key.....	.98	.98
1	Rotating crank-lock housing, inner.....	5.31	5.31
1	Rotating crank-lock housing, outer.....	5.31	5.31
1	Rotating crank-lock stud.....	4.58	4.58
8	Rotating pinion bushings, inner.....	1.03	8.24
8	Rotating pinion bushings, outer.....	1.03	8.24
5	Translating crank handles.....	2.43	12.15
10	Trays, N. M.....	125.25	1,252.50
6	Tray back-latch handle pins.....	.08	.48
2	Tray latch handles, male.....	1.60	3.20
2	Tray latch handles, female.....	1.60	3.20
4	Partitions for files for armament chests.....	.94	3.76
For 12-inch mortar, model of 1886-1890:			
4	Filling plates for trays.....	7.37	29.48
1	Tray, loading.....	15.00	15.00
For 12-inch mortar, model of 1890:			
2	Circuit-breaker contact pieces.....	4.92	9.84
14	Clip springs.....	.36	5.04
50	Gas check pads.....	3.14	157.00
15	Rotating crank bushings.....	1.04	15.60
10	Rotating crank-lock housings.....	3.63	36.30
For 12-inch mortar, model of 1890:			
50	Rotating crank-gear nuts.....	1.10	55.00
1	Rotating crank nut.....	2.30	2.30
10	Trays, N. M.....	118.11	1,181.10
1	Tray latch pivot.....	1.96	1.96
4	Tray spring bolt-shoes.....	4.12	16.48
5	Screw-drivers, bar, for crank-lock bronze bushing.....	1.93	9.65
5	Screw-drivers, bar, for lower pinion nuts.....	2.94	14.70
5	Screw-drivers, bar, for tray back-latch bolts.....	2.04	10.20
10	Screw-drivers, bar (spring-bolt shoe, etc.).....	4.87	48.70
216	Sets of parts required to convert 12-inch mortar carriages, model of 1896 to model of 1896-MI.....	34.24	7,395.84
Section 4.			
For 1-pounder subcaliber guns for 6-inch guns, models of 1900 and 1903:			
4	Front adapters.....	14.00	56.00
4	Rear adapters.....	15.50	62.00
4	Rear-adapter shoes.....	4.00	16.00
4	Rear-adapter wedges.....	2.50	10.00
7	Wedge screws.....	.75	5.25
3	Storage chests B.....	39.19	117.57
3	Storage chests C.....	29.65	88.95
For 1-pounder subcaliber guns for 6-inch guns, model of 1905:			
1	Front adapter.....	10.75	10.75
1	Rear adapter.....	12.50	12.50
1	Adapter clamp wedge.....	5.75	5.75
1	Clamp-wedge screw.....	.75	.75
1	Thread-clamp screw.....	.75	.75
For 1-pounder subcaliber guns for 10-inch guns, models of 1888 and 1895:			
7	Adapter check plates.....	1.43	10.01
7	Adapter clamp wedges.....	2.07	14.49
7	Center supports.....	6.00	42.00
7	Clamp-wedge screws.....	2.34	16.38
7	Front adapters.....	10.29	72.03
7	Rear adapters.....	21.29	149.03
For 1-pounder subcaliber guns for 12-inch guns, models of 1888 and 1895:			
6	Adapter clamp wedges.....	2.25	13.50
4	Adapter check plates.....	1.50	6.00
6	Center supports.....	14.29	85.74
6	Clamp wedge screws.....	1.00	6.00

Annual statement of manufactures for the fiscal year ended June 30, 1909, at the Watervliet Arsenal, Watervliet, N. Y.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
<i>Section 4—Continued.</i>			
	For 1-pounder subcaliber guns for 12-inch guns, models of 1888 and 1895—Continued.		
6	Front adapters.....	\$19.76	\$118.56
6	Rear adapters.....	21.72	130.32
1	Gauge.....	8.00	8.00
1	Storage chest A.....	50.47	50.47
1	Wrench, clamping.....	2.00	2.00
	For 75 mm. subcaliber guns for 12-inch mortars:		
4	Chests, storage.....	16.10	64.40
3	Vent cleaners.....	.64	1.92
	For 1-pounder subcaliber guns for 8, 10, and 12-inch guns, all models:		
4	Hasps and buttons, complete, for subcaliber chests.....	2.06	8.24
5	Hinges, complete, for subcaliber chests.....	3.00	15.00
5	Thread clamp screws for 1-pounder and 18-pounder subcaliber guns.....	1.00	5.00
1	3-inch subcaliber saluting gun for 10-inch guns, models of 1888 and 1895.....		
	For 3-inch subcaliber saluting gun for 10-inch guns, models of 1888 and 1895:		
1	Gun extractor.....	535.00	535.00
1	Hand extractor for case.....		
1	Gauge, locating.....		
1	Handspike.....		
1	Obturator spindle plate.....		
2	Obturator spindle-plate screws.....		
1	Cleaning sponge and rod.....		
1	Wrench, adjusting.....		
1	Wrench, clamping.....		
1	3-inch subcaliber saluting gun for 12-inch guns, models of 1888 and 1895.....		
	For 3-inch subcaliber saluting gun for 12-inch guns, models of 1888 and 1895:		
1	Gun extractor.....	447.40	447.40
1	Hand extractor for case.....		
1	Gauge, locating.....		
1	Handspike.....		
1	Obturator spindle plate.....		
2	Obturator spindle-plate screws.....		
1	Cleaning sponge and rod.....		
1	Wrench, adjusting.....		
1	Wrench, clamping.....		
<i>Section 6.</i>			
	For 3-inch saluting gun:		
2	Breech blocks, complete.....	212.55	425.10
1	Extractor.....	9.30	9.30
40	Firing arms.....	2.25	90.00
80	Firing pins.....	5.88	470.40
44	Firing springs.....	.30	13.20
1	Pallet screw.....	2.35	2.35
30	Small screws for securing locking screw to operating shaft.....	.12	3.60
66	Sears.....	2.72	179.52
11	Spring shoes.....	3.50	38.50
1	Stop bolt.....	3.90	3.90
25	Trigger shafts.....	8.06	201.50
109	Trigger shaft detents.....	.16	17.44
25	Extractors, hand.....	6.00	150.00
57	Cap square for pedestal mount.....	18.24	18.24
<i>Section 8.</i>			
	For armament chests for seacoat guns and mortars:		
28	Handles for bar screw-drivers.....	.34	9.52
45	Handles for copper hammers.....	.20	9.00
17	Lanyards for seacoat mortars.....	.42	7.14
5	Metal scrapers.....	1.17	5.85
	Rotating crank lock springs for 8, 10, and 12-inch guns, models of 1888.....	.41	4.92
32	Seacoat firing mechanisms, model of 1903.....	75.70	2,422.40
	For seacoat firing mechanism, model of 1903:		
57	Boxes.....	1.37	78.09
4	Firing cables, for 10-inch gun, model of 1888.....	7.20	28.80
2	Firing cables, for 10-inch gun, model of 1895—MI.....	6.72	13.44
8	Firing cables, for 12-inch gun, model of 1895.....	5.00	40.00
6	Firing leaves.....	13.86	83.16
3	Firing-leaf pivot pins.....	1.54	4.62
4	Slides.....	18.00	72.00
100	Slide catches with springs and rivets.....	3.82	382.00
50	Slide-catch springs.....	.46	23.00

Annual statement of manufactures for the fiscal year ended June 30, 1909, at the Watervliet Arsenal, Watervliet, N. Y.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS II.			
Section 3.			
1	Boring and threading machine for inserting crank pins in 12-inch mortars, complete with motors.....	\$1,307.04	\$1,307.04
1	Set tools and appliances for the insertion of fixed trays in powder chamber of 12-inch gun, model of 1900.....	32.75	32.75
2	Hognose cutters for trunnion boring and threading machine.....	2.41	4.82
1	Bottoming tap for operating lever for 3-inch (15-pounder) gun, model of 1898.....	5.75	5.75
Section 6.			
1	Practice loading machine with elevating and traversing gears.....	1,391.12	1,391.12
PART I—CLASS III.			
Section 6.			
3,245	Soft steel caps.....	1.50	4,867.50
71	Fuse-hole bushings.....	.98	69.58
275	Fuse-hole plugs.....	.28	77.00
2,527	Rear plugs to be used with centrifugal plungers, base-detonating fuse, major caliber.....	.37	934.99
28	False base plugs.....	9.10	254.80
PART I—CLASS IV.			
Section 2.			
For 2.95-inch mountain gun:			
1	Breech mechanism.....	378.00	378.00
2	Breech blocks, complete.....	114.13	228.26
5	Carrier axis pins with split pins.....	2.57	12.85
5	Extractor axis pins with split pins.....	1.82	9.10
5	Extractors.....	22.61	113.05
25	Firing pins.....	15.14	378.50
5	Guide plates.....	8.80	44.00
5	Hand levers.....	25.58	127.90
2	Hand-lever axis pins with split pins.....	2.05	10.25
5	Hand-lever catches.....	9.66	28.98
3	Locking bolts.....	5.77	17.31
52	Mainsprings.....	.25	13.00
25	Triggers.....	7.40	185.00
5	Trigger levers.....	5.40	27.00
78	Trigger springs.....	.13	10.14
1	3-inch mountain howitzer, model of 1907.....	2,093.94	2,093.94
Section 3.			
For 3-inch field gun, model of 1902:			
8	Breech mechanisms.....	389.44	3,115.52
26	Block stops.....	1.57	40.82
16	Caps.....	2.75	44.00
16	Cocking levers.....	3.75	60.00
15	Cocking-lever pins.....	.21	3.15
16	Cover-locking pins.....	1.00	16.00
16	Firing pins.....	6.00	96.00
16	Firing-pin springs.....	.15	2.40
16	Hinge pins.....	4.20	67.20
16	Hinge-pin catches.....	1.00	16.00
16	Latch bolts.....	1.40	22.40
16	Latch-bolt springs.....	.05	.80
53	Latch springs.....	.20	10.60
32	Oil-hole spring covers with screws.....	.15	4.80
28	Operating levers.....	51.37	1,438.36
19	Operating-lever pivots.....	5.38	102.22
16	Pivot keys.....	.60	9.60
2	Rear line sights with screws.....	6.79	13.58
16	Sears.....	2.00	32.00
32	Sear and trigger springs.....	.06	1.92
16	Taper pins for trigger arm.....	.05	.80
36	3-inch field guns, model of 1905.....	1,012.30	36,442.80
For 3-inch field guns, models of 1904 and 1905:			
40	Block latches.....	2.50	100.00
40	Block-latch springs.....	.10	4.00
11	Breech mechanisms.....	339.17	3,730.87
40	Firing pins.....	5.60	224.00
40	Firing springs.....	.20	8.00
40	Firing-spring sleeves.....	1.80	72.00
40	Hinge-pin catches.....	1.10	44.00

Annual statement of manufactures for the fiscal year ended June 30, 1909, at the Watervliet Arsenal, Watervliet, N. Y.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IV—Continued.			
Section 3—Continued.			
For 3-inch field guns, models of 1904 and 1905—Continued.			
40	Lever-latch springs.....	\$0.10	\$4.00
40	Locking bolts with nuts and pins.....	1.10	44.00
40	Locking-bolt springs.....	.15	6.00
8	Oil-hole covers and screws.....	.15	1.20
40	Pallet pins.....	.07	2.80
40	Sears.....	2.25	90.00
80	Trigger shaft detents.....	.10	8.00
4	3.8-inch field guns, model of 1907.....	3,231.09	12,924.36
8	3.8-inch howitzers, model of 1908.....	1,512.00	12,096.00
For 3.8-inch howitzer, model of 1908:			
2	Breech mechanisms, complete, including block carrier.....	339.90	679.80
8	Block latches.....	3.82	30.56
8	Block-latch springs.....	.26	2.08
8	Firing pins.....	5.78	46.24
8	Firing springs.....	.47	3.76
8	Firing-spring sleeves.....	3.22	25.76
16	Hinge-pin catches.....	1.52	24.32
8	Lever-latch pivots.....	1.13	9.04
8	Lever-latch springs.....	.17	1.36
8	Locking bolts with nuts and pins.....	.67	5.36
8	Locking-bolt springs.....	.14	1.12
18	Operating lever pivot detents.....	.15	2.70
8	Sears.....	2.21	17.68
8	Trigger forks.....	4.87	38.96
16	Trigger shaft detents.....	.09	1.44
4	4.7-inch howitzers, model of 1907.....	2,321.14	9,284.56
For 4.7-inch howitzer, model of 1907:			
1	Extractor.....	16.61	16.61
2	Firing pins.....	9.54	19.08
2	Firing springs.....	.52	1.04
4	Lever-latch pivots.....	1.69	6.76
Section 4.			
2	Firing springs for 4.7-inch siege gun, model of 1904.....	15.71	31.42
For 4.7-inch gun, model of 1906:			
12	Block latches.....	2.74	32.88
15	Block-latch springs.....	.16	2.40
1	Dummy breech mechanism.....	282.77	282.77
12	Firing pins.....	5.22	62.64
13	Firing-spring sleeves.....	3.37	43.81
15	Hinge-pin catches.....	2.07	31.05
15	Lever-latch springs.....	.12	1.80
13	Locking bolts with nuts and pins.....	.68	8.84
15	Locking-bolt springs.....	.11	1.65
12	Sears.....	3.22	38.64
15	Tray-latch springs.....	.66	9.90
24	Trigger-shaft detents.....	.10	2.40
For 6-inch howitzer, model of 1906:			
1	Firing pin.....	10.26	10.26
2	Firing springs.....	.69	1.38
For 6-inch howitzer, model of 1908:			
32	Block-latch springs.....	.36	11.52
32	Lever-latch pivots.....	1.02	32.64
32	Lever-latch springs.....	.05	1.60
32	Locking bolts, nuts and pins.....	.73	23.36
32	Locking-bolt springs.....	.10	3.20
64	Pivot detents.....	.15	9.60
32	Sears.....	3.20	102.40
32	Tray-latch springs.....	.08	2.56
PART I—CLASS X.			
Section 7.			
127	Wedges, large, for Laidley revolving targets, H. A.....	.02	2.54
1	Top beam for sliding target, 6 by 12 feet.....	4.06	4.06
24	Rails, outer, for Laidley revolving targets, V. A., 6 by 6 feet.....	.28	6.72
Section 9.			
For portable forges, Empire, modified for army use:			
140	Anvils.....	11.53	1,614.20
40	Aprons, leather.....	1.80	72.00
70	Anvil blocks.....	4.00	280.00
55	Boxes, shoeing.....	2.67	146.85

Annual statement of manufactures for the fiscal year ended June 30, 1909, at the Watervliet Arsenal, Watervliet, N. Y.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS X—Continued.			
Section 9—Continued.			
For portable forges, Empire, modified for army use—Continued.			
65	Buckets, iron.....	\$1.00	\$65.00
70	Chests, anvil and block.....	6.10	427.00
70	Chests, forge.....	10.50	735.00
15	Chisels, handled.....	1.00	15.00
50	Clinching irons.....	.70	35.00
15	Fore punches and creasers.....	2.10	31.50
40	Fore punches.....	1.70	68.00
5	Hardies.....	.75	3.75
15	Knives, toe.....	.45	6.75
10	Pritchels.....	.30	3.00
40	Punches, nail.....	.30	12.00
50	Rakes, fire.....	.23	11.50
55	Shovels, fire.....	1.65	90.75
15	Tongs.....	1.24	18.60
70	Vises.....	13.24	926.80
Section 10.			
2	Bronze bars, 1½ inches diameter by 12 inches long, for making rotating crank-gear nuts for 12-inch mortars, model of 1890.....	2.00	4.00
PART II—CLASS III.			
Section 7.			
1	Pair miter gears for powder cutter.....	19.97	19.97
PART II—CLASS IV.			
Section 3.			
1	Set of gauges and tools used in capping and grooving armor-piercing projectiles.....	36.27	36.27
2d D.			
PART II—CLASS IV.			
Section 1.			
1	Set of jigs and fixtures to secure interchangeability of parts for 3.8-inch howitzer, model of 1908.....	3,950.71	3,950.71
Grand total.....			580,438.41

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.

Number.	Article.	Price.	Amount.
PART I—CLASS I.			
Section 1.			
3	Firing leaf cords, with hooks, for lanyard attachments, 8-inch gun, model 1888, on disappearing carriage, model 1894.....	\$2.85	\$8.55
<i>For 8-inch disappearing carriage, model 1894.</i>			
12	Bolts, dust guard to racer.....	.25	3.00
12	Bolts, dust-guard joints.....	.10	1.20
1	Sight binder screw.....	.16	.16
4	Sight standard gibs.....	.35	1.40
21	Retaining catches for traversing and retaining cranks.....	1.50	31.50
48	Rollers for traversing wheels.....	.23	11.04
6	Distance rings for rollers for traversing wheels.....	1.75	10.50
3	Sheaves, with bushings.....	6.20	18.60
4	Steel bushings, collars on piston rods.....	9.50	38.00
12	Copper gaskets for filling and vent plugs.....	.08	.96
1	Traversing chain.....	31.64	31.64
6	Crank fastenings, complete.....	2.38	14.28

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
<i>For 8-inch disappearing carriage, model 1894—Continued.</i>			
6	Filling plug instruction plates with screws.....	\$0.42	\$2.52
12	Filling and vent plugs.....	1.02	12.24
9	Cylinder plugs.....	1.50	13.50
9	Caps.....	3.00	27.00
5	Retraction ropes.....	4.35	21.75
12	Dust-guard bolts.....	.09	1.08
1	Azimuth pointer, complete.....	77.33	77.33
3	Firing leaf cords.....	2.85	8.55
3	Reel cords.....	2.25	6.75
<i>For 8-inch disappearing carriage, model 1896.</i>			
2	Distance rings of cast steel No. 2, with bronze No. 3 bearings.....	71.00	142.00
1	Pin for ratchet wheel pawl.....	3.76	3.76
15	Hand counterweights.....	6.52	97.79
1	Filler strip.....		1.00
4	Tap bolts $\frac{3}{8}$ by $1\frac{1}{2}$ inch.....	.14	.56
2	Tap bolts $\frac{1}{2}$ by $1\frac{1}{2}$ inch.....	.29	.50
2	Crosshead-pawl springs.....	.80	1.68
12	Bolts, dust guard, $\frac{1}{4}$ by $\frac{3}{8}$ inch.....	.10	1.20
12	Bolts, dust guard, $\frac{1}{4}$ by 1 inch.....	.10	1.20
1	Retraction rope.....	7.90	7.90
1	Thrust ball bearing for elevating worm shaft.....	12.00	12.00
4	Crosshead-pawl stops.....	1.00	4.00
<i>For ammunition trucks:</i>			
1	Brake shaft.....	5.70	5.70
1	Filler piece for tray.....	3.93	3.93
<i>For 8-inch guns, common to all models.</i>			
3	Rammers and staves.....	30.00	90.00
1	Sponge head, chamber.....	14.75	14.75
3	Shot tongs.....	25.00	75.00
<i>For 10-inch barbette carriage, model 1893.</i>			
1	Throttling bar for outside of left cylinder.....	44.29	44.29
<i>For 10-inch gun, model of 1888, on disappearing carriage, model 1894.</i>			
2	Pallets for repairing holes for elevating band set screw.....	2.16	4.32
<i>For 10-inch disappearing carriage, model 1894.</i>			
18	Vulcanized fiber washers for pipe connections, $1\frac{1}{2}$ by $\frac{7}{8}$ by $\frac{1}{16}$ inch.....	.05	.90
2	Vulcanized fiber washers for pipe connections, $1\frac{1}{2}$ by $\frac{7}{8}$ by $\frac{1}{16}$ inch.....	.05	.10
10	Vulcanized fiber washers for pipe connections, $1\frac{1}{2}$ by $\frac{7}{8}$ by $\frac{1}{16}$ inch.....	.05	.50
2	Sets prop brackets, hooks, and bolts.....	41.00	82.00
2	Supporting trays for subcaliber platforms.....		12.21
4	Bolts for supporting tray for subcaliber platform.....		
1	Bottom plate for counterweight.....	96.62	96.62
2	Pawl springs.....	3.50	7.00
1	Pawl-lever spring.....	4.76	4.76
2	Gibs for sight standard.....	5.00	10.00
12	Retaining catch screws, $\frac{1}{4}$ by $\frac{3}{8}$ inch.....	.01	.12
6	Sheaves for retraction ropes with bushings.....	5.35	32.10
1	Elevation pointer.....	10.00	10.00
14	Retraction ropes.....	7.40	103.60
2	Sets gaskets, small, for front end of cylinder.....	.47	.94
2	Sets gaskets, large, for rear end of cylinder.....	1.47	2.94
24	Hand counterweights.....	2.58	61.92
1	Sight standard gib.....	3.75	3.75
<i>Accessories:</i>			
6	Cylinder-head extractors.....	1.05	6.30
2	Wrenches for filling plugs.....	4.55	9.10
<i>For 10-inch guns, model 1895, on disappearing carriage, model 1896.</i>			
2	Reel cords with rings and thimbles.....	2.25	4.50
<i>For 10-inch disappearing carriage, model 1896.</i>			
1	Retraction spur gear handle.....	24.32	24.32
2	Brake shoes (1 right, 1 left) for shot trucks.....	7.60	15.20
1	Traversing stop pin.....	.38	.38
1	Retraction rope.....	15.00	15.00
50	Telephone bolts.....	.15	7.50
45	Sets telautograph brackets for carriages 1 to 48.....	28.24	1,214.32

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
<i>For 10-inch disappearing carriage, model 1896—Continued.</i>			
25	Telephone bolts.....	\$0.15	\$3.75
1	Traversing-gear cover.....	11.87	11.87
2	Sets prop brackets, hooks, and bolts.....	41.00	82.00
16	Bolts, 3/4-inch diameter, countersunk, for securing battery box to sighting platform.....	.12	1.92
1	Elevating rack buffer bolt, special.....	6.35	6.35
4	Dowel pins for azimuth pointers.....	.15	.60
1	Elevating hand set screw.....	5.42	5.42
21	Sets telautograph brackets for carriages after 48.....	20.30	426.30
2	Connecting and buffer pipes.....	22.22	44.44
12	Counterweights for twelfth layer.....	180.17	962.04
30	Counterweights for thirteenth layer.....	76.53	2,295.90
30	Buffer valves.....	54.55	1,636.52
30	Sets couplings, followers, pipe connections, cylinder plugs, pipe straps, connecting pipes, and buffer pipes.....	28.54	856.20
16	Pinch bar and crank hooks.....	1.67	26.72
1	Pawl for ratchet wheel for retraction.....	16.41	16.41
2	Sight standard adjusting collars with set screws and dowel screws complete.....	34.90	69.80
2	Firing-leaf cords with hooks for lanyard attachments.....	2.85	5.70
2	Range drums.....	2.05	4.10
2	Retaining catches for retraction cranks.....	4.29	8.58
16	Bolts, 3/4-inch diameter, countersunk, for securing battery.....	.20	3.20
1	White metal ring for elevation disk.....	7.29	7.29
34	Traversing cranks.....	19.41	659.93
3	Counterbores for attaching buffer valves.....	6.00	18.00
70	0.5 conduits from junction box Ba to tee Ap.....	.58	40.60
70	0.375 conduits from tee Ap to side outlet elbow Av.....	.30	21.00
70	Tees 0.5 by 0.375 by 0.5 for reducing Ap.....	.05	3.50
70	Side outlet elbows 0.375 Av.....	.05	3.50
70	0.375 pipe plugs Au.....	.005	.35
4	Pieces 0.4 conduit, 9 inches long, right and left thread.....	.50	2.00
4	Pieces 0.375 conduit to fit from tee Ap to side outlet elbow Av at shade K.....	.25	1.00
4	3/4-inch couplings Ar right and left.....	.02	.08
2	Crosshead pawls (right and left), with bushings and pins.....	51.67	103.34
1	Stop for safety firing switch.....	2.98	2.98
2	Yokes for casters, with bronze bushings.....	9.11	18.22
1	Traversing stop pin.....	1.48	1.48
12	Sets gaskets, small, for front end of cylinder.....	.67	8.04
12	Sets gaskets, large, for rear end of cylinder.....	.73	8.76
5	Extractors for gun lever and suspension rod pins.....	1.39	6.95
2	Sight holder clamp screws.....	1.70	3.40
1	Stop for safety firing switch.....	3.10	3.10
1	Screw for retraction rope guard.....	.44	.44
2	Crosshead-pawl stops.....	1.18	2.36
2	Firing leaf cords, with hooks.....	.34	.68
50	Bolts, dust guard.....	.11	5.50
4	Retraction ropes.....	7.70	30.80
1	Set lanyard guides, complete.....	9.56	9.56
1	Crank, with brass sleeve.....	12.16	12.16
2	Screws for racer step to racer.....	.08	.16
30	Separators.....	3.45	103.50
30	Separator bolts.....	.99	29.70
1	Equalizing pipe to go between throttling valve and emptying coupling.....	8.74	8.74
4	Brass strips, 0.025 thick, 1.5 wide, 62 inches long.....	.20	.80
1	Counterweight cable, with pins.....	1.08	1.08
3	Top plates, with bushings.....	15.14	45.42
3	Braces for handles, with rivets.....	1.96	5.88
1	Pistol bolt for firing pistol.....	1.02	1.02
68	Liners for slot for piston heads.....	.33	22.44
17	Bushings for rear stuffing boxes.....	6.10	103.70
1	Steel ring.....	4.10	4.10
1	Firing leaf cord.....	2.85	2.85
1	Reel cord.....	2.25	2.25
2	Sets gaskets for retraction motor casing.....	3.25	6.50
2	Traversing gear guards.....	5.43	10.86
9	Sets motor brackets, brackets for gears, shafts, etc.....	210.22	1,891.98
1	Disk for buffer valve.....	10.92	10.92
4	Buffer pipes.....	9.12	36.48
Accessories:			
1	Cylinder head extractor.....	2.70	2.70
1	Screw-driver (U 45 AL).....	2.80	2.80
For ammunition trucks:			
6	Top plates with bushings.....	11.93	71.58
4	Stops.....	2.40	9.60
1	Bronze stop.....	2.40	2.40

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
<i>For 10-inch disappearing carriage, model 1901.</i>			
1	Subcaliber loading platform.....	\$288.98	\$288.98
4	Twisted hooks Cg.....	.75	3.00
4	Thimbles Ch.....	.20	.80
4	Rubber washers for J lamp fitting.....	.12	.48
2	Junction boxes Ba, with covers.....	9.42	18.84
2	Junction boxes Bc, with covers.....	13.69	27.38
4	Rubber washers for H fittings.....	.03	.12
1	Brace, right R.....	5.86	5.86
1	Set taper pins.....	.25	.25
8	Sets télautograph brackets.....	40.42	333.36
8	Sets telephone braces, separators, and bolts.....		
15	Sets gaskets, large.....	4.06	60.90
15	Sets gaskets, small.....	4.01	60.15
4	Firing leaf cords and hooks.....	2.85	11.40
4	Pawl springs.....	.87	3.48
5	Retraction ropes.....	4.24	21.20
4	Safety-latch springs.....	.89	3.56
4	Set dust-guard bolts.....		8.08
4	Sets filling and drain plugs.....	3.91	15.64
4	Set floor-plate screws.....		6.56
4	Set name and direction plate screws.....		1.80
4	Sets oil-hole plugs.....		3.08
4	Reel cords.....	1.75	7.00
1	Set spring covers.....		1.44
8	Gaskets, front cylinder head.....	1.32	10.56
8	Gaskets, rear cylinder head.....	1.46	11.68
16	Gaskets, filling plugs.....	.46	7.36
16	Gaskets, pipe connections.....	.62	9.92
12	Gaskets for throttling-bar bolts.....	.39	4.68
1	Firing pistol, complete.....		45.00
4	Twisted hooks Ca for 2 cables.....	1.04	4.16
4	Thimbles Cc for 2 cables.....	.37	1.48
1	Elevating band and elevating-band set screw.....		165.55
8	Sets pointers, with dowel pins and tap bolts, brackets, and spur pinion studs.....	22.55	180.40
Accessories:			
1	Socket wrench for filling and controller bracket.....	7.00	7.00
<i>Common to all models.</i>			
<i>For 10-inch guns:</i>			
24	Rammers and staves.....	35.00	840.00
1	Rammer staff, wood part only.....	3.18	3.18
23	Sponges and staves, bore.....	38.90	894.70
23	Sponges and staves, chamber.....	21.00	483.00
5	Sponge heads.....	16.15	80.75
2	E staves.....	9.25	18.50
2	Pair shot tongs.....	25.00	50.00
<i>For ammunition trucks, 10-inch guns:</i>			
4	Handles, wood.....	.25	1.00
4	Springs.....	.15	.60
4	Sets oil plugs.....	.25	1.00
2	Tipping arms.....	16.72	33.44
3	Rear frames with rivets.....	9.65	28.95
54	Sets ties, stiffeners, and rivets.....	.91	49.14
50	Pairs ties, with rivets.....	.78	39.00
51	Pairs stiffeners, with rivets.....	.13	6.63
3	Ammunition trucks, for 10-inch guns, complete.....	73.49	220.47
1	Hydraulic stop.....		68.99
16	Caster wheels.....	5.68	90.68
21	Truck wheels.....	16.89	152.01
7	Caster ball bearings.....	6.52	45.64
1	Brake spring.....	30.14	30.14
2	Foot-brake levers.....	15.07	30.14
1	Brace and rivet between handle of shot truck.....	2.73	2.73
1	Caster for ammunition truck.....	9.57	9.57
<i>For 12-inch gun, model 1888, on barbette carriage, mode 1892.</i>			
2	Loading trays.....	45.89	91.78
10	Retaining catches for shot hoist crank.....	3.80	38.00
1	Stationary electric hoist, complete, except crank-shaft pinion and ratchet wheel.....	538.05	538.05
50	Bolts, dust guard.....	.12	6.00
6	Bronze bushings for crank shaft of crane hoist, with bronze pin.....	5.00	30.00
1	Crane block hook with nut and split pin for experimental shot hoist.....	7.50	7.50
Accessories:			
1	Wrench for stuffing box gland.....	15.76	15.76
1	Wrench for scroll spring.....	2.99	2.99
<i>For ammunition trucks:</i>			
4	Handle, wood.....	1.50	6.00

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
<i>For 12-inch disappearing carriage, model 1896.</i>			
1	Hand counterweight.....	\$6.20	\$6.20
27	Sets conduits, fittings, terminal boxes, etc., for illuminating firing and power circuits.....	382.56	10,329.12
10	Sets gaskets, large.....	3.70	37.00
10	Sets gaskets, small.....	3.66	36.60
8	Gaskets for front cylinder head.....	.74	5.92
8	Gaskets for rear cylinder head.....	1.30	10.40
8	Gaskets for covers on retraction motors.....	.19	1.52
4	Tray supports.....	5.00	20.00
50	Bolts, dust guard.....	.12	6.00
6	Pawl springs.....	4.35	26.10
1	C junction box, with cover and necessary screws.....	4.40	4.40
27	Sets parts for alteration of electrical fittings.....	19.50	526.50
10	Crosshead pawl buffer springs.....	3.60	36.00
4	Accessories: Extractors for cylinder heads.....	2.22	8.88
<i>For 12-inch guns, model 1895, on disappearing carriage, model 1897.</i>			
3	Tray supports for ammunition trucks.....	9.45	28.35
2	Reel cords with rings and thimbles.....	2.25	4.50
2	Firing leaf cords with hooks, complete.....	2.85	5.70
<i>For 12-inch disappearing carriage, model 1897.</i>			
1	Tripping arm with rivets.....	35.00	35.00
1	Bronze collar and taper pin for elevating shaft.....	4.66	4.66
1	Throttling-valve latch.....	3.00	3.00
1	Pawl spring for lanyard attachment.....	.79	.79
2	Crosshead pawl springs.....	2.50	5.00
1	Firing cable for primer to safety firing switch.....	7.37	7.37
2	Sets prop studs, hooks, and bolts.....	10.48	20.96
1	Dowel pin for elevating pointer.....	2.25	2.25
24	Safety-latch dogs with pins.....	5.30	127.20
2	Firing leaf cords for lanyard attachments.....	2.85	5.70
5	Contact fork connections.....	.67	3.35
8	Crosshead pawl springs.....	4.12	32.96
2	Brass sleeves for repair of flexible conduits.....	.50	1.00
10	Straps, with bolts, of.....	.69	6.90
1	Bronze collar and taper pin for traversing shaft.....	4.66	4.66
2	Straps with bolts Dc.....	2.83	5.66
4	Gaskets, rear, for cylinder head.....	2.19	8.76
4	Sets prop studs, hooks with bolts.....	3.94	15.76
39	Bolts, dust-guard.....	.13	5.07
3	Sets gaskets, large, for rear end of cylinder.....	2.19	6.57
12	Gaskets for filling plugs.....	.07	.84
1	Retaining catch with necessary rivets.....	1.20	1.20
<i>Connections between junction box C and signal corps outlet box.</i>			
10	Pieces conduit, 1½-inch.....	4.16	41.60
20	Short nipples.....	.15	3.00
10	Bushings, 1½-inch.....	.25	2.50
20	Couplings, 1½-inch.....	.06	1.20
<i>Connections between junction box Cc and signal corps outlet boxes.</i>			
2	Pieces conduit, 1½-inch.....	5.87	11.74
2	Bushings, 1½-inch.....	.25	.50
2	Short nipples, 1½-inch.....	.15	.30
4	Couplings, 1½-inch.....	.06	.24
2	Straps, complete.....	.98	1.96
4	Tap bolts, 0.75 by 1.75 inches.....	.27	1.08
2	Steel blocks 2½ by 3½ by 5 inches.....	1.29	2.58
Accessories:			
14	Roller axle extractors.....	2.75	38.50
10	Cylinder-head extractors.....	1.42	14.20
16	Blades for cross-handle screw-drivers.....	.32	5.12
4	Wrenches, box, for drain plugs (U 44 AS).....	2.75	11.00
8	Wooden handles, large, for double end screw-drivers.....	1.15	9.20
1	Screw-driver, steel (U 45 A1).....		2.20
For ammunition trucks:			
1	Tippling arm with rivets.....	36.00	36.00

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
<i>For 12-inch disappearing carriage, model 1901.</i>			
6	Firing leaf cords and hooks.....	\$2.85	\$17.10
6	Lanyards with hooks.....	1.96	11.76
18	Pawl springs.....	1.71	30.78
6	Retraction ropes.....	16.41	98.46
1	Set dust-guard bolts.....	15.84	11.88
6	Sets filling and drain plugs.....	2.98	17.88
1	Set floor plate screws.....	20.00	16.00
1	Set name and direction plate screws.....	1.80	1.44
1	Set oil hole plugs.....	4.62	4.62
6	Reel cords.....	2.25	13.50
13	Sets spring covers.....	9.60	4.80
12	Cylinder-head gaskets.....	.66	7.92
24	Filling-plug gaskets.....	.12	2.88
42	Pipe-connection gaskets.....	.09	3.78
24	Throttling bar bolt gaskets.....	.17	4.08
1	Set prop studs, hooks, and bolts.....	10.50	10.50
4	Dowel pins for azimuth pointers.....	.05	.20
8	Safety latch dogs with pins.....	5.30	42.40
1	Pawl bolt.....	12.56	12.56
5	Sets gaskets, large.....	2.19	10.95
5	Sets gaskets, small.....	5.13	25.65
8	Twisted hooks.....	1.25	10.00
8	Thimbles.....	.55	4.40
8	Rubber washers for J lamp fittings.....	.14	1.12
1	Buffer valve, complete.....		24.32
1	Set connecting pipes, couplings, pipe connections, followers, cylinder plugs, pipe straps, and throttling tubes.....	12.00	12.00
1	Coupling nut for connecting 3-inch flexible metallic hose.....	1.49	1.49
4	K reflectors.....		12.27
2	R sockets.....		
2	Circuit-breaker springs.....	.75	1.50
2	Straps.....	.30	.60
4	Safety-latch dogs, with necessary pins.....	4.52	18.08
2	Branches of firing circuits, complete, primer to safety firing switch.....	7.68	15.36
2	Branches of firing circuits, complete, ground on gun to safety firing switch.....	6.66	13.32
2	Contact-fork connections.....	.68	1.36
20	Springs, pawl buffer.....	3.50	70.00
4	Gaskets, rear, for cylinder head.....	1.30	5.20
2	3/4-inch conduit pipes between junction boxes C and Bc.....	4.07	8.14
2	Sets gaskets, large, for cylinder head.....	2.19	4.38
8	Gaskets for filling plugs.....	.06	.48
25	Filling and drain plugs.....	.65	16.25
10	Sets connecting pipes, coupling pipe connections followers, cylinder plugs, etc.....	148.80	1,488.00
10	Buffer valves, complete.....		
4	Prop studs.....	7.29	29.16
4	Filler pieces (2 right, 2 left) for subcaliber loading platform.....	7.61	30.44
1	Throttling-valve latch.....	2.52	2.52
1	Set firing cables, complete.....		9.84
4	Gaskets, for hand-hole covers.....	.32	1.28
4	Hooks for subcaliber firing.....	2.24	8.96
<i>For 12-inch disappearing carriage, models 1897 and 1901.</i>			
6	Front top pieces.....		
12	Straps.....		150.00
6	Strips 1/2 by 1 by 19 inches.....		
18	Tap bolts 3/8 by 1/2 inch.....		
150	Telephone brackets.....	25.00	1,250.00
33	Telaugograph brackets.....	26.85	886.05
16	Straps and bolts (P 45 Q).....	.10	1.60
24	Retraction ropes.....	12.64	303.36
6	Pawl springs.....	4.25	25.50
2	Firing pistols.....		
2	Firing pistol brackets.....		
2	Batteries with boxes and firing cables, complete.....		1,827.23
2	Safety firing switches with clip and lever bases.....		
2	Lanyard attachments with cams and filling pieces.....		
2	Complete systems for electric power for retraction and lighting.....		
<i>For ammunition trucks, 12-inch guns.</i>			
6	Braces.....	2.75	16.50
3	Tipping arms.....	17.10	51.30
6	Tipping nut trunnions.....	.17	1.02

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
<i>For 12-inch guns, common to all models.</i>			
4	Rammers and staves.....	\$26.96	\$107.84
1	Rammer head.....	5.75	5.75
34	Sponges and staves, bore.....	35.00	1,190.00
2	Sponge heads.....	17.71	35.42
10	Scrapers with sockets.....	4.43	44.30
20	Slush brushes with handles.....	15.22	152.20
10	B staves.....	4.75	95.00
20	E staves.....	11.25	225.00
2	Shot tongs.....	25.00	50.00
<i>For ammunition trucks, 12-inch guns, common to all models.</i>			
6	Wood handles.....	2.00	12.00
6	Springs.....	.42	2.52
6	Sets oil plugs.....	.92	5.52
5	Tray supports for ammunition truck.....	9.50	47.50
1	Caster yoke.....	24.32	24.32
1	Caster.....	24.00	24.00
12	Tipping nut trunnions.....	4.81	27.26
15	Tipping arms.....	36.00	540.00
<i>For 15-pounder Driggs-Seabury mounts, mod'l 1898.</i>			
2	Bolts, washer head, for pivot socket clamping wedge.....	1.47	2.94
1	Pivot clamping lever.....	22.85	22.85
4	Counterweight chains.....	7.50	30.00
10	Electric light pin plugs.....	.73	7.30
4	Filling hole screws for cylinders.....	.45	1.80
1	Set lamps with cables and plug connections for night sights.....	18.12	18.12
2	Steel springs for ratchet pawl of ratchet lever.....	.85	1.70
8	Counterweight chains.....	7.50	60.00
12	Leather gaskets for rear end of cylinder.....	1.14	13.68
4	Bronze castings for recoil cylinder bushings to go round piston rods at front of cylinders.....	18.24	72.96
7	Pivot clamping wedges.....	16.00	112.00
4	Pivot yoke ball washers complete.....	4.50	18.00
2	Steel springs for ratchet pawls.....	1.00	2.00
2	Pivot socket clamp bolts.....	1.97	3.94
1	Chain for racking down system.....	8.93	8.93
4	Upper shield braces.....	17.70	70.80
4	Lower shield braces.....	19.93	79.72
4	Gaskets, leather, for cylinder heads.....	.60	2.40
1	Spring for lifting ratchet lever.....	1.80	1.80
Accessories:			
4	Wrenches for cylinder filling plugs.....	3.10	12.40
2	Wrenches for pivot clamping bolts.....	3.56	7.12
5	Wrenches, double, for cylinder glands and piston rod nuts.....	7.75	38.75
<i>For 15-pounder barbette carriages, model 1902.</i>			
24	Cup washers for compression grease cups.....	.17	4.08
2	Lighting cables for night sights (with plug connections).....	28.24	56.48
6	Plunger nuts for grease cups.....	.15	.90
2	Brass covers, with brass cones for night sights.....	2.75	5.50
1	Piston rod.....	43.50	43.50
1	Throttling rod.....	24.57	24.57
1	Throttling ring.....	11.28	11.28
1	Throttling ring locking screw.....	.25	.25
3	Battery boxes, complete.....	41.46	124.44
Accessories:			
6	Wrenches for filling and drain plugs and square screw-driver.....	5.88	35.28
2	Spanner wrenches for recoil cylinder head and follower.....	3.75	7.50
1	Tit wrench for throttling ring.....	2.50	2.50
1	Wrench for square screw-driver.....	4.16	4.16
2	Wrenches for filling and drain plugs.....	3.15	6.30
37	15-pounder barbette carriages, model 1903.....	3,115.00	115,255.00
<i>For 15-pounder barbette carriage, model 1903.</i>			
1	Traversing and elevating shaft bearing, with bushings, pins, and bolts.....		15.81
1	Shoulder rest, left, complete.....		.18
1	Bolt for shoulder guard to cradle.....	.18	.18
12	Sets filling and drain plugs.....	4.10	49.20
12	Sets spring covers.....	.65	7.80
3	Sets oil-hole plugs.....	.65	1.95
24	Cylinder-head gaskets.....	.72	17.28
4	Gaskets for filling and drain plugs.....	.18	4.32
82	Cast-steel wrenches for recoil cylinders.....	8.96	734.72

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
<i>For 15-pounder barbette carriages, model 1903—Continued.</i>			
1	Cradle.....	\$250.00	\$250.00
13	Sets leveling plates.....	4.18	54.34
2	Hand-hole plate gaskets for pedestal.....	.60	1.20
Accessories:			
1	Sample paulin.....	30.08	30.08
<i>For 15-pounder rapid-fire gun, common to all models.</i>			
40	Sponges and staves.....	15.00	600.00
<i>For 4-inch Driggs-Schroeder pedestal mounts.</i>			
4	Drain plugs with flexible vulcanized fiber washers for cylinders.....	1.40	5.60
Accessories:			
2	Wrenches for stuffing boxes.....	2.75	5.50
2	Wrenches for cylinder head and gland.....	3.50	7.00
2	Wrenches for adjusting nut on elevating worm shaft.....	3.75	7.50
4	Single wrenches for filling plugs.....	1.25	5.00
<i>For 4-inch Driggs-Schroeder rapid-fire guns.</i>			
2	Sponges and staves.....	11.00	22.00
<i>For 4.72-inch barbette carriages, Armstrong.</i>			
2	Battery boxes for lighting.....	28.33	56.66
4	Battery boxes for firing.....	28.33	113.32
4	Brass sockets for connection blocks of battery boxes of night sights.....	.23	.92
2	Pieces rubber for shoulder rest.....	7.10	14.20
1	Worm screw for rear sight sliding bar.....	8.35	8.35
12	Spring washers for bolts supporting shield to mount.....	.10	1.20
<i>For 4.72-inch Armstrong rapid-fire guns, common to all models.</i>			
4	Rammers and staves.....	17.50	70.00
4	Slush brushes with handles.....	8.25	33.00
<i>For 5-inch barbette carriage, model 1896.</i>			
25	Sets sleeves, bushings, and contact-fork connections.....	1.18	29.50
2	Elevation and range scales with screws.....	14.79	29.58
10	Sets gaskets, large.....	3.10	31.00
10	Sets gaskets, small.....	4.16	41.60
2	Firing-pin cables and connections complete.....	5.35	10.70
2	Sleeves for firing-pin cables.....	.44	.88
2	Firing-pin cable-locking pins.....	3.27	6.54
2	Firing-pin cables without terminals, for firing pistol to contact clip.....	1.07	2.14
2	Firing cables without terminals, for firing pistol at battery.....	1.07	2.14
2	Firing cables for battery to platform terminal.....	1.07	2.14
6	Ratchet levers, complete.....	25.70	154.20
3	Lifting pin shafts.....	12.50	37.50
<i>For 5-inch rapid-fire gun, model 1897, on barbette carriage, model 1896.</i>			
1	Sample breech cover.....		7.11
<i>For 5-inch barbette carriage, model 1903.</i>			
12	Handles with vulcanite bushings for battery box.....	.90	10.80
4	Tap bolts for elevating rack to cradle.....	1.09	4.36
4	Elevating pointers with bolts.....	19.11	76.44
3	Bronze handles with vulcanized bushings for rheostats of lighting circuits.....	2.02	6.06
2	Firing cables without terminals, for firing pistol to contact clip.....	1.07	2.14
2	Firing cables without terminals, for firing pistol to battery.....	1.07	2.14
2	Firing cables for battery to platform terminal.....	1.07	2.14
<i>For 6-pounder parapet mount, Driggs-Schroeder.</i>			
4	Turn-buckles.....	3.54	14.16
4	Lock nuts.....	.83	3.32
1	Handspike and fastening attached to handspike for trawl.....	14.70	14.70
2	Pintles.....	5.63	11.26
14	Anchor bolts.....	.70	9.80
14	Anchor plates.....	.34	4.76
10	Filling hole screws.....	.85	8.50
1	Steel spring for shoulder bar.....	3.61	3.61
Accessories:			
10	Socket wrenches for traversing arc bolts.....	4.70	47.00
3	Wrenches for cylinder head.....	7.61	22.83

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
<i>For 6-pounder rapid-fire guns, Driggs-Schroeder.</i>			
4	Sponges and rods.....	\$14.50	\$58.00
<i>For 6-pounder Driggs-Seabury rapid-fire guns.</i>			
12	Sponges and staves.....	14.50	174.00
<i>For 6-inch barbette carriage, model 1900.</i>			
6	Sets gaskets for cylinder head.....	.42	2.64
4	Gaskets for filling plugs.....	.10	.40
4	Gaskets for drain plugs.....	.10	.40
1	Handle for resistance core in battery box.....	4.19	4.19
3	Handles with bushings for rheostat box.....	2.93	8.79
1	Bolt for cap square to yoke.....	3.50	3.50
4	Binding posts for ground in firing circuit.....	.30	1.20
1	Battery box with cells.....		12.16
8	Firing cables without terminals for firing pistol to contact clip.....	1.07	8.56
8	Firing cables without terminals for firing pistol to battery.....	1.07	8.56
8	Firing cables for battery to platform terminal.....	1.07	8.56
6	Rheostat handles and necessary insulating bushings.....	7.60	45.60
1	Steel casting for sight brackets for 3-inch sight (right).....	80.00	80.00
1	Trigger for firing pistol.....	1.10	1.10
1	Firing cable, short, 16 inches long, with connection to firing pistol.....	1.25	1.25
1	Hard-rubber bushing for rheostat shaft.....	1.23	1.23
5	Sets gaskets, large.....	.97	4.85
5	Sets gaskets, small.....	.46	2.30
4	Hand-hole plate gaskets for pedestal.....	.30	1.20
<i>For 6-pounder rapid-fire gun, Driggs-Seabury model 1898.</i>			
1	Screw for elevating clamp.....	7.97	7.97
<i>For 6-inch disappearing carriage, model 1898.</i>			
1	Throttling-bar bolt.....	1.85	1.85
6	Pawl springs.....	.85	5.10
1	Traversing stop.....	4.50	4.50
33	Throttling-bar bolts.....	8.25	8.25
2	Wrenches for stuffing boxes.....	3.75	7.50
6	Retraction ropes.....	9.55	57.30
4	Brass strips to place behind throttling bars.....	.45	1.80
3	Screws for traversing spur-gear cover.....	.12	.36
2	Sets safety latches.....	24.85	49.70
2	Ball-bearing washers for elevation worm.....	13.44	26.88
1	Sight-standard pin, with nut, bronze.....	5.76	5.76
5	Bolts, dust guard.....	.09	4.68
5	Gaskets, large (sets).....	1.79	8.95
5	Gaskets, small (sets).....	1.90	9.50
<i>For 6-inch guns, model 1903, on disappearing carriage, model 1903.</i>			
2	Reel cords, with hooks and thimbles.....	2.25	4.50
2	Firing-leaf cords, with hooks, complete.....	2.85	5.70
<i>For 6-inch disappearing carriage, model 1903.</i>			
2	Retraction cables with loops.....	12.00	24.00
12	Telautograph brackets.....	15.23	183.36
78	Sets telephone brackets, braces, and bolts.....	10.60	826.80
79	Z junction boxes, covers, bolts, straps, couplings, nipples, pipes, wiring, etc.....	27.62	2,163.98
6	Retraction ropes.....	12.00	72.00
6	Dowel pins for azimuth pointers.....	.10	.60
3	Tap bolts, brass, for covers of elevating shaft bracket.....	.20	.60
2	Subcaliber platforms.....	298.99	597.98
2	Crosshead pawl springs.....	.60	1.20
2	Retraction crank-spring catch.....	3.48	6.96
2	Reinforce pieces with necessary keys and bolts for repairing rear lugs on top carriages.....	38.00	76.00
1	Safety firing-switch clip base.....	10.00	10.00
4	Battery boxes with cells.....	34.30	137.20
2	Shoulder rest bracket (left).....	7.35	14.70
50	Bolts, dust-guard.....	.09	4.50
1	Firing cable from firing switch to firing pistol.....	.35	.35
7	I sockets.....	1.67	11.69
2	Sets terminal attachment to firing switch.....	7.15	14.30
22	Twisted hooks for 2 cable.....	1.23	27.06
22	Thimbles, 2 cable.....	.35	7.70
1	Electric lamp guard, complete.....	10.81	10.81
1	Disk for buffer valve.....		

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
<i>For 6-inch disappearing carriage, model 1903—Continued.</i>			
2	Sleeves for repairing firing cable.....	\$0.28	\$0.56
2	A reflectors.....	1.73	3.46
2	Nuts for reflectors.....	.98	1.96
2	E lamp springs.....	.40	.80
3	Gaskets for rear end of cylinder (fiber).....	.28	.84
3	Gaskets for rear end of cylinder (copper).....	.47	1.41
1	Set gaskets for filling plugs.....	.39	.39
1	Set drain plugs for rear cover.....	.39	.39
1	Set drain plugs for drip pan.....	.18	.18
9	Sockets to fit 3/4-inch pipe.....	.20	1.80
1	Set felt strips for inner dust guard.....	1.13	1.13
1	Set felt strips for outer dust guard.....	1.24	1.24
5	Throttling bar bolts.....	1.28	6.40
36	Screws, countersunk head, 0.625 by 1.25 inches, for firing pistol bracket.....	.18	6.48
16	Bronze liners with piston heads.....	6.25	100.00
4	Bronze counter recoil buffers.....	9.12	36.48
6	Twisted hooks for use on telescopic sight cradler.....	1.79	10.74
5	D lamp shades.....	1.40	7.00
1	Elevating shaft gear.....		10.87
For safety firing switch:			
1	Lever.....	12.09	12.09
1	Lever base.....	5.17	5.17
1	Lever stop.....	9.58	9.58
2	Clips, right.....	.23	.46
2	Clips, left.....	.23	.46
4	Firing leaf cords with hooks.....	2.85	11.50
1	Bracket with bolts for repair of gear lug on top carriage.....	29.19	29.19
For subcaliber loading platform:			
2	Sets filler collars.....	4.50	9.00
2	Sets roller collars.....	3.00	6.00
2	Blades for safety firing switch.....	2.51	5.02
4	Reel cords with rings and thimbles.....	2.25	9.00
1	Set firing cables, complete.....	30.78	30.78
2	Roller lifting hooks.....	1.39	2.78
1	Set gaskets, complete.....	2.37	2.37
2	Counterweight hooks.....	1.49	2.98
7	6-inch disappearing carriages, model 1905 MI, Comp.....	19,263.00	134,841.00
<i>For 6-inch disappearing carriage, model 1905.</i>			
1	Battery box with cells.....	12.16	12.16
10	Sets telephone braces and bolts.....	3.91	39.10
9	Firing leaf cords and hooks.....	2.85	25.65
9	Safety latch pawl springs.....	.69	6.21
14	Set dust guard bolts.....	17.04	19.17
9	Sets filling and drain plugs.....	3.91	35.19
14	Sets floor plate screws.....	15.36	17.28
14	Sets name and direction plate screws.....	2.56	2.88
14	Sets oil-hole plugs.....	11.64	12.09
9	Reel cords and parts.....	2.25	20.25
24	Sets spring covers.....	2.80	6.30
18	Gaskets, buffer cylinder head.....	.71	12.78
9	Gaskets, cylinder head.....	.61	5.49
36	Gaskets, filling and drain plug.....	.16	5.76
27	Gaskets, drain plug.....	.16	4.32
27	Gaskets, pipe connection.....	.16	4.32
5	Sets gaskets, large.....	1.75	8.75
5	Sets gaskets, small.....	2.03	10.15
<i>For ammunition truck, 6-inch disappearing carriage, model 1905.</i>			
9	Handles, wood.....	1.00	9.00
<i>For 6-inch rapid-fire gun, common to all models</i>			
1	B staff with male part of coupling.....	5.67	5.67
27	Sponges and staves.....	23.60	637.20
2	Brass rods for sponge heads.....	1.50	3.00
<i>For 12-inch altered gun-lift carriage.</i>			
2	Piston rods.....		4,555.75
4	Nuts for piston rods.....		
4	Front and rear cylinder heads and gaskets.....		
6	Piston-rod brackets and bolts.....		
1	Loading platform bracket, right, with bolts.....		
8	Throttling bars with bolts and gaskets.....		
1	Combination recoil and buffer valve.....		
4	Front and rear stop blocks and bolts.....		

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
<i>For 12-inch altered gun-lift carriage—Continued.</i>			
4	Strap bolts with bolts		
4	Fillers and keys		
4	Piston-rod supports and pins		
4	Chassis brackets and bolts		
8	Equalizing and throttling pipes with connections		
2	Buffer valves		\$2,995.30
8	Cylinder heads with stuffing boxes, complete		
8	Throttling bars, 4 each, with bolts		
1	Hand taps for throttling bars		
4	Pistons and rods with nuts		
1	Worm wheel, 18 teeth		
1	Traversing spur gear, 27 teeth		
1	Miter for elevating shaft, 17 teeth		161.46
1	Rear gear, 17 teeth		
1	Bevel gear, 22 teeth	\$41.60	41.60
<i>For 12-inch mortar carriage, model 1891.</i>			
16	Sets felt for buffer depression cushions	1.80	28.80
10	Removable floor plates	6.90	69.00
8	Strips for azimuth circle	1.86	14.88
80	Countersunk brass screws $\frac{1}{4}$ by $\frac{3}{8}$ inch .....	.15	12.00
2	0.75-inch bolts 2.5 inches long, for elevating rack to distance ring .....	.25	.50
4	Bushings for hand-wheel pinion	1.75	7.00
4	Nut tighteners, shot-elevating screw	1.50	6.00
1	Azimuth pointer, with screws and dowels	8.63	8.63
2	Washers and pins for safety lanyard pulley .....	.10	.20
2	Lifting bolts for stuffing box packing rings .....	.89	1.78
7	Hexagonal nuts $1\frac{1}{4}$ by 5 inches .....	.30	2.10
1	Hexagonal nut $1\frac{1}{4}$ by $7\frac{1}{2}$ inches .....	.30	.30
132	Steel plates for side frames .....	.35	46.20
528	Countersunk screws for steel plates .....	.06	31.68
1	Mortar stop	1.84	1.84
2	Sets buffers for cross transom	1.09	2.18
Accessories:			
12	Securing pins for shot trucks	1.62	19.44
1	Cylinder-head extractor	2.80	2.80
6	Handles for bar screw-drivers .....	.62	3.62
4	Lifting hooks .....	.35	1.40
2	Drifting bolts .....	.30	.60
2	Nut tighteners .....	.60	1.20
1	Screw-driver	4.94	4.94
2	Spanner wrenches	8.87	17.74
1	Wrench for lock nut on spring compressor screw	35.87	35.87
1	Wrench for inserting crank pins in trunnions	22.60	22.60
<i>For 12-inch mortar carriage, model 1896, MI and MII.</i>			
448	Tap bolts, $1\frac{1}{2}$ by $4\frac{1}{2}$ inches, side frames to racer .....	.35	179.20
64	Dowels and nuts .....	.30	19.20
64	Keys .....	.40	25.60
32	Steel plates, $\frac{1}{8}$ by 3 by 11 inches .....	.25	8.00
508	Steel disks, $\frac{1}{4}$ by $3\frac{1}{2}$ inches .....	.15	76.20
64	Cover plates .....	.75	48.00
256	Screws, brass, machine, for cover plates .....	.12	30.72
32	Side frames, right, with cap squares, bolts, and set screws	180.00	5,760.00
40	Bronze bushings for left end of elevator shaft	3.50	140.00
16	Base brackets	7.50	120.00
40	Reflectors	1.25	50.00
96	Pieces balata for counter-recoil buffers		84.91
2	Lifting bolts for stuffing box packing ring	1.32	2.64
1	Base for 360° contact	3.62	3.62
1	Safety-firing switch, complete, with yoke, plunger, and rollers	31.91	31.91
16	Keys for fulcrum pins	1.58	25.28
1	Equalizing pipe (2 sections)	8.97	8.97
24	Bolts, dust guard .....	.37	8.88
24	Bolts, dust-guard joints .....	.15	3.60
8	Azimuth pointer lamp reflectors .....	.25	2.00
64	Bolts for drip pans .....	.12	7.68
24	Elevating hand wheels, complete	21.00	504.00
4	Sets parts for handles for wheels	6.25	25.00
1	Experimental bracket with necessary bolts, etc., for attaching elevating quadrant to end of cross-head crank pin	20.73	20.73
1	Elevating rack	122.59	122.59
8	Elevating pointers with screws for use with elevating scale of elevating rack	7.49	59.92
2	Lanyard washers with screws	1.91	3.82

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
<i>For 12-inch mortar carriage, model 1896, MI and MII—Continued.</i>			
1	Housing base for 360° contact.....	\$4.90	\$4.90
8	Contact fork connections.....	1.02	8.16
5	Tap bolts for bracket $\frac{1}{4}$ inch by 2 $\frac{1}{4}$ inches.....	.23	1.15
1	Oil pipe complete for pintle surface.....	2.80	2.80
32	Copper gaskets for valve-seat surface of grease cups.....	.22	7.04
32	Screws for drip pans.....	.18	5.76
16	Sets gaskets for filling plugs.....	.09	1.44
16	Sets gaskets for emptying plugs.....	.04	.64
16	Sets gaskets, large, for cylinder head.....	3.90	62.40
2	Oil pipes for pintle surface, complete.....	1.76	2.52
1	Base for 360° contact system.....	3.99	3.99
32	Cast-steel filler disks.....	3.41	109.12
50	Short lanyards.....	.38	19.00
32	Drain plugs for traversing-gear pedestal bracket.....	.25	8.00
6	Traversing-crank screws.....	.23	1.38
16	Elevation stops with screws.....	1.16	18.56
4	Lanyard pulleys.....	4.25	17.00
64	Board covers.....	21.12	1,351.68
64	Sets wooden strips for board covers.....	.56	35.84
1	Traversing worm wheel.....	23.45	23.45
72	Buffer washers for buffer pins.....	.30	21.60
2	Elevating clamp direction plates with screws.....	3.50	7.00
12	Lanyards with hooks and washers.....	3.63	44.16
13	Sets drip-pan bolts.....	2.38	3.57
13	Sets dust-guard bolts.....	8.62	12.93
12	Sets filling and drain plugs.....	4.21	50.52
13	Sets floor-plate screws.....	23.32	34.98
13	Sets name and direction plate screws.....	.76	1.14
13	Sets oil-hole plugs.....	1.54	2.31
12	Lanyard hooks.....	.17	2.04
24	Gaskets, cylinder-head.....	.47	11.28
12	Gaskets, drain-plug.....	.12	1.44
12	Gaskets, emptying plugs.....	.12	1.44
24	Gaskets, equalizing pipes.....	.16	3.84
48	Gaskets, filling-plug.....	.10	4.80
2	Sets oil pipes, brackets, bushings, screws, straps, etc., for distance ring.....	7.80	15.60
80	Sets parts for alteration 12-inch mortar carriage, model 1896 to model 1896 MI.....	1,266.40	101,312.00
4	Top carriages.....	780.00	3,120.00
22	Elevation stops.....	1.47	32.34
44	Screws for elevation stops.....	.10	4.40
2	Plungers for safety-firing switch.....	1.79	3.58
96	Buffer plates, steel, 6 by 8 by $\frac{1}{8}$ inch.....	.26	24.96
128	Floor-plate screws.....	.11	14.08
54	Removable floor plates.....	18.00	972.00
1	Ladder brace with bolts.....	2.25	2.25
1	Crank handle, without sleeves.....	3.22	3.22
3	Locking studs.....	1.86	5.58
1	Spring separator.....	2.52	2.52
216	Contact fork connections.....	.20	43.20
13	Floor plates (outside).....	13.00	403.00
1	Racer insulating tube.....		2.15
1	Bolt and nut $\frac{3}{4}$ by 1 $\frac{1}{8}$ inches.....		.15
2	Bolts and nuts $\frac{3}{4}$ by 2 $\frac{1}{8}$ inches.....	.20	.40
50	Lanyards.....	2.35	11.75
2	Cylinder heads.....	54.11	108.22
96	Cushions, balata.....	.78	75.47
2	Lock studs.....	.36	.72
1	Arrangement for protection of 360° contact.....	186.42	186.42
45	Sets gaskets, large.....	2.28	102.60
35	Sets gaskets, small.....	2.25	78.75
1	Racer, cast steel.....	287.24	287.24
1	Top carriage with cap square.....	780.00	780.00
96	Dowel screws.....	.20	19.20
48	Bushings for traversing rollers.....	1.20	57.60
144	Screws for traversing rollers.....	.25	36.00
16	Azimuth pointers.....	6.00	96.00
32	Fiber washers for equalizing pipes.....	.05	1.60
6	Bolts for distance rings.....	.40	2.40
8	Bolts, pit ladder to brace.....	.40	3.20
1	Set fixtures for machining throttling grooves in recoil cylinder.....	30.90	30.90
6	Fulcrum pins.....	12.32	73.92
Accessories:			
1	Taper reamer for side frames.....	10.84	10.84
1	Boring bar.....		
1	Double-end tap wrench.....		
1	Bar for traversing rack and tools.....		42.58

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—Continued.			
<i>For 12-inch mortar carriage, model 1896, MI and MII—Continued.</i>			
Accessories—Continued.			
9	Screw-drivers, large, double 0.5 by 1 inch.....	\$5.70	\$51.30
9	Screw-drivers, small, 0.25 by 0.375 inch.....	3.18	28.62
1	Screw-driver, U 45 N.....	2.58	2.58
1	Screw-driver, U 45 AL.....	2.80	2.80
1	Spanner wrench for hydraulic cylinder head.....	11.52	11.52
<i>For ammunition trucks, 12-inch mortar carriage, model 1896, MI and MII.</i>			
3	Handles, wood.....	2.37	7.11
3	Springs.....	.50	1.50
3	Sets oil plugs.....	.75	2.25
12	Truck wheels.....	20.30	243.60
1	Loading tray.....	3.00	3.00
26	Caster wheels.....	8.80	228.80
64	Nuts, hexagonal, 0.875 inch.....	.04	2.56
1	Copper ring for ball bearing.....	1.34	1.34
1	Bronze bushing for truck wheel.....	2.41	2.41
<i>For 12-inch mortars, common to all models.</i>			
4	Rammers and staves.....	27.40	109.60
1	Rammer staff, wood part only.....	3.52	3.52
90	Sponges and staves.....	26.61	2,394.90
<i>For ammunition trucks, 12-inch mortar carriage, model 1908.</i>			
36	Truck wheels.....	6.85	246.60
Section 4.			
50	Sponge heads, for 1-pounder subcaliber tubes.....	1.45	72.50
Section 8.			
212	Oil plugs.....	.04	8.48
9	Sets oil plugs.....	.75	6.75
650	Holders for asbestos receptacles.....	.36	234.00
1	Experimental retaining pin for crank.....	1.25	1.25
280	Lamp-holder springs.....	.14	39.20
25	Cup leathers for grease cups.....	.35	8.75
38	Lanyards for lanyard attachments.....	3.25	123.50
15	Gaskets for covers of electric motors of Holtzer-Cabot type.....	1.36	20.40
48	Gaskets for covers of electric motors of General Electric type.....	.17	8.16
<i>For lighting circuits for 6-inch disappearing carriage, model 1898, 10-inch disappearing carriage, 1896, and 12-inch disappearing carriage, 1897.</i>			
4	R sockets.....	.58	2.32
8	Q electric lamp springs.....	.13	1.04
<i>Miscellaneous tools for armament chests.</i>			
4	Counterweight hooks.....	.70	2.80
5	Screw-drivers, U 45 AL.....	3.53	17.65
1	Extractor for gun lever and suspension rod pins.....	2.08	2.08
Accessories:			
25	Sponge and rammer props.....	7.20	180.00
7	Sponge tubs, small.....	6.13	42.91
PART I—CLASS II—SECTION 2.			
<i>Maneuvering material.</i>			
8	Anchor stakes.....	1.73	13.84
16	Bolts, thread and nut at each end, 1½ inches by 4 feet.....	.56	8.96
4	Bolts, thread and nut at each end, 1 by 22 inches.....	.47	1.88
12	Bolts, thread and nut at each end, 1 by 14 inches.....	.21	2.52
10	Blocks, oak, 10 by 2 by 18 inches.....	.38	3.80
40	Blocks, maneuvering, 12 by 2 by 44 inches.....	.35	14.00
120	Blocks, maneuvering, 12 by 4 by 44 inches.....	.45	54.00
50	Blocks, maneuvering, 12 by 6 by 44 inches.....	.75	37.50
4	Crowbars, 6 foot.....	5.80	23.20
3	Capstans, complete.....	152.00	456.00
1	Capstan head.....		45.00
12	Capstan bars.....	3.67	44.04
4	Dog chains.....	9.45	37.80
3	Garrison gins, complete.....	350.00	1,050.00

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS II—SECTION 2—Continued.			
<i>Maneuvering material—Continued.</i>			
61	Handspikes, maneuvering.....	\$1.47	\$89.67
6	Holdfasts, iron.....	2.25	13.50
3	Legs for garrison gin.....	56.23	168.69
1	Pry pole for garrison gin.....	58.24	58.24
1	Pry pole for piper gin.....	36.27	36.27
1	Piper gin, complete.....		375.00
5	Pinch bars, 5 feet.....	5.58	27.90
4	Pinch bars, 7 feet.....	8.84	35.36
2	Hand carts.....	80.00	160.00
1	Sling cart, hand.....	280.00	280.00
PART I—CLASS II—SECTION 3.			
2	Copper blocks, 4 inches square by 1 inch thick.....	6.18	12.36
1	Iron casting for chuck face plate, for 3-jaw combination scroll gear chuck.....	3.12	3.12
2	Cast-iron platens.....	34.83	69.66
2	Surface plates, 24 by 36 by 4 inches.....	28.12	56.24
3	Angle plates, 8 by 10 by 12 by $\frac{3}{4}$ inches.....	14.18	42.54
3	Angle plates, 4 by 6 by 6 by $\frac{3}{4}$ inches.....	5.56	16.68
3	Sets copp jaws for 5-inch vise.....	1.14	3.42
40	Handles for mauls.....	.75	30.00
29	Mauls, metal heads, wood faces.....	3.22	93.38
1	Counterbore, 2 $\frac{1}{2}$ by $\frac{3}{4}$ inch pilot.....	5.30	5.30
3	Idlers for portable drills.....	45.00	135.00
1	Counterbore, 1.75 inches diameter, 1-inch pilot.....	4.67	4.67
2	Counterbores, 2.6875 inches diameter, 1-inch pilot.....	9.18	18.36
2	Wrenches, for 2.5-inch pipe tap.....	12.70	25.40
1	Hard-wood block, support for anvil.....	2.20	2.20
1	Rack to hold iron bars (in 3 pieces).....	14.40	14.40
2	Counterbores 1.625 inches by 0.653 inch.....	1.75	3.50
1	Counterbore 2.5 by 1.25 inches.....	2.25	2.25
6	Chisels, cold, 30 inches long.....	1.50	9.00
1	2.25 square-nose drill.....	11.33	11.33
1	Guide for drill.....	26.37	26.37
<i>Targets.</i>			
15	Pyramidal targets.....	165.00	165.00
<i>For pyramidal targets.</i>			
7	Upper frames, complete.....	82.60	578.20
2	Prows, complete.....	8.38	16.76
19	Iron plates.....	.62	11.78
32	Screw eyes.....	1.65	52.80
3	Sleeves, brass.....	.23	.69
3	Ferrules, brass.....	.23	.69
150	Ropes, 25 feet by 0.375 inch.....	1.47	220.50
16	Boards, 14 feet by 8 by 1 inches.....	.60	9.60
3	Sets strips, for covers.....	.48	1.44
157	Strips.....	.48	75.36
20	Sills.....	14.50	290.00
20	Planks.....	3.20	64.00
10	Screw bolts for flagstaff.....	1.65	16.50
12	Staples, heavy.....	.15	1.80
10	Crosspieces.....	3.05	30.50
101	Covers.....	32.75	3,307.75
43	Red flags.....	2.23	95.89
110	Uprights.....	1.82	200.20
60	Gallons mixed paint for covers.....	3.60	216.00
153	Gallons mixed paint for woodwork.....	1.50	229.50
3,540	Feet sheathing.....	.08	282.30
16	Red streamers.....	7.32	117.12
8	Thimbles for bridles.....	.20	1.60
8	Thimbles for bridle to eyebolt.....	.20	1.60
67	Prow planks.....	.90	60.30
28	Side prow cleats.....	.27	7.56
11	Center prow cleats.....	.21	2.31
17	Eyebolts with nuts.....	1.00	17.00
35	Apex blocks.....	7.90	276.50
4	Canvas covers with wooden strips.....	33.25	133.00
19	Wire ropes, complete.....	2.46	46.76
26	Diagonal braces.....	1.62	42.12
26	Transoms.....	3.03	78.78
141	Screw bolts and washers.....	.04	5.64
77	Flagstuffs.....	1.58	121.66
13	Wrought-iron bands.....	2.23	28.99
24	Material targets, complete.....	107.89	2,589.36

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS II—SECTION 3—Continued.			
<i>For pyramidal targets—Continued.</i>			
6	Braces.....	\$1.68	\$10.08
1	Cleat.....	.80	.80
24	Iron braces with bolts and nuts.....	1.68	40.32
44	Eyebolts with nuts and washers.....	.05	2.20
44	Rings for bridles.....	.32	14.88
3	Upper structures, complete.....	49.91	149.73
9	Cast-iron balls, 50 pound.....	3.50	31.50
9	Pennants.....	7.32	65.88
15	Brass pulleys.....	1.83	27.45
10	Pins for pulley blocks.....	.20	2.00
9	Pulley blocks to transom.....	1.72	15.48
20	Sills.....	12.04	240.80
16	Crosspieces.....	1.10	17.60
16	Prow braces.....	1.43	22.88
80	Braces.....	1.68	134.40
285	Covers.....	8.91	2,539.35
45	Transoms.....	2.38	107.10
195	Diagonal braces.....	1.07	208.65
87	Prow cleats.....	.80	69.60
272	Prow boards.....	.20	54.40
71	Prow planks.....	1.43	101.53
146	Uprights with blocks.....	1.35	197.10
119	Longitudinals.....	2.24	266.56
126	Stiffeners.....	.80	100.80
1,600	Lath.....	.02	32.00
130	Strips.....	1.30	42.90
75	Pipe braces.....	1.68	126.00
7	Sets of parts for modification.....	78.36	548.52
28	Struts.....	.42	11.76
105	Planks.....	1.05	110.23
18	Bolts, square head, nuts and washers, 5.625 by 0.5 inch.....	.03	.54
24	Bolts, square head, nuts and washers, 4.375 inches.....	.05	1.20
200	Foot strips.....	1.50	200.00
24	Girths, 1 by 5 by 24 inches.....	2.24	53.76
6	Target frames, complete.....	74.90	449.40
1	Center transom.....	2.36	2.36
1	Front transom.....	2.36	2.36
44	Gallons mixed paints for covers.....	1.125	49.50
235	Gallons mixed paints for woodwork.....	1.05	246.75
3	Sets wooden strips for covers.....	4.26	12.78
11	Prows.....	11.40	125.40
<i>Miscellaneous for targets.</i>			
140	Bridles for pyramidal and material targets.....	7.35	1,029.00
PART I—CLASS II.			
<i>Section 6.</i>			
12	Dummy projectiles for 6-inch rapid-fire guns.....	29.50	354.00
<i>For dummy projectiles, 6-inch guns.</i>			
2	Caps.....	2.50	5.00
16	Plungers.....	.10	1.60
<i>For dummy projectiles, 8-inch guns.</i>			
14	Rear bands.....	6.20	86.80
<i>For 10-inch guns.</i>			
10	Dummy projectiles.....	75.00	750.00
<i>For dummy projectiles, 10-inch guns.</i>			
1	Power extractor.....	40.10	40.10
1	Yoke for power extractor.....	5.12	5.12
8	Rear bands.....	7.90	63.20
<i>For 12-inch guns.</i>			
3	Dummy projectiles.....	85.00	255.00
<i>For dummy projectiles, 12-inch guns.</i>			
4	Rear bands.....	10.00	40.00
1	Cap.....	5.75	5.75

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS II—Continued.			
<i>For dummy projectiles, 12-inch mortars.</i>			
17	Rear bands.....	\$9.50	\$161.50
<i>Miscellaneous for dummy projectiles.</i>			
1	Rear band, design A.....	15.28	15.28
1	Rear band for dummy projectiles, design B.....	14.02	14.0
PART I—CLASS III—SECTION 1.			
7	Caps, with spline screws, for 6-inch cast-iron projectiles.....	2.50	17.50
119	Spline screws, for 6-inch cast-iron projectiles.....	.15	17.85
17	Spline screws, for 8-inch cast-iron projectiles.....	.15	2.75
27	Caps for 12-inch cast-iron projectiles with spline screws.....	5.75	155.25
1	Cap, cast-iron, for 1,000-pound cast-iron mortar shell.....	5.00	5.00
PART I—CLASS IV—SECTION 2.			
<i>For 2.95 (75 mm.) Vicker-Maxim mountain carriage.</i>			
10	Eyebolts for lifting rings.....	1.90	19.00
10	Piston locks.....		
10	Lock screws.....		
10	Lock rivets.....		
10	Lock springs and washers.....		190.27
PART II—CLASS II—SECTION 1.			
1	Cabinet to hold specimens for student officer.....	65.28	65.28
PART II—CLASS II—SECTION 7.			
4	Brass ordnance escutcheons.....	46.50	186.00
PART II—CLASS III—SECTION 3.			
<i>Patterns for counterbalance device, 10-inch disappearing carriage, model of 1896.</i>			
1	Pulley guide and core box.....		
2	Guide-pulley bushings.....		
2	Pulley-bracket bushings (3 patterns).....		
2	Guide heads.....		127.65
2	Washers.....		
1	Counterbalance weight and core box.....		
1	Rope drum (2 parts) and 3 core boxes.....		
PART II—CLASS III—SECTION 5.			
2	Jaws for "Old man".....	3.00	6.00
PART II—CLASS III—SECTION 7.			
4	Vulcanizers, complete for rubber tiring plants.....	292.23	1,168.92
PART II—CLASS III—SECTION 11.			
1	Straightedge, 10-foot.....	21.50	21.50
PART II—CLASS IV—SECTION 1.			
<i>Clinometer rests.</i>			
4	3-inch (15-pounder) rapid-fire guns.....	34.54	138.16
3	5-inch rapid-fire guns.....	20.76	62.28
4	6-inch rapid-fire guns.....	21.18	84.72
4	8-inch guns.....	23.63	94.52
4	10-inch guns.....	26.09	104.36
4	12-inch guns.....	30.10	120.40
PART II—CLASS IV—SECTION 2.			
<i>For 10-inch disappearing carriage, model 1901.</i>			
1	Roller path leveling gauge.....	31.90	31.90
1	Fixture for leveling base ring.....	13.13	13.13
<i>For 12-inch mortar carriage, model 1896.</i>			
1	Fixture for truing traversing racks.....		
1	Jig, No. 2, for cutting slot in top carriage.....		
1	Bar for facing traversing racks and tools.....		
1	Bolt, 0.5 inch.....		
6	Cutters, 0.5 inch.....		
1	Wrench for 1.5-inch bolt on side frames.....	1 set.	412.50
1	Jig for locating elevating gears.....		
1	Bushing for jig elevating gears.....		
1	Upper support, jig elevating gears.....		
1	Lower support, jig elevating gears.....		
1	Jig, No. 1, for cutting slot in top carriage.....		

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART II—CLASS IV—SECTION 2—Continued.			
<i>For 12-inch mortar carriage, model 1908.</i>			
2	Base ring pintle gauges, complete.....	\$17.40	\$34.80
2	Racer liner calipers, complete.....	12.85	25.70
2	Foundation bolt-hole gauges, outer.....	79.75	159.50
2	Foundation bolt-hole gauges, inner.....	55.24	110.48
2	Traversing rack seat calipers, including plugs, complete.....	21.79	43.58
2	Racer gauges.....	26.19	52.38
4	Traversing roller gauges.....	21.79	87.16
2	Roller path leveling gauges, complete.....	34.35	68.70
2	Base ring gauges, complete.....	33.54	67.08
PART II—CLASS IV—SECTION 3.			
1	Inspecting instrument for lighting cavities of projectiles.....	13.70	13.70
4	Lamps for inspecting instrument for lighting interior cavities of projectiles.....	.35	1.40
PART II—CLASS V—SECTION 4.			
39	Bolts, $\frac{1}{4}$ inch, for securing rheostats.....	.12	4.68
2	Tap bolts, 1 by 1.75 inches.....	.50	1.00
4	Tap bolts, $\frac{3}{8}$ by 1.5 inches.....	.50	2.00
6	Studs, 13 by $\frac{3}{4}$ by 1 inch, thread at each end.....	.40	2.40
3	Pieces brass for experimental identification board.....	3.65	11.95
PART II—CLASS V—SECTION 5.			
<i>Castings for 15-pounder (3-inch) barbette carriages, model 1903.</i>			
3	Front sight brackets, right.....	3.06	9.18
6	Cradles.....	12.14	242.80
8	Rear sight brackets.....	2.65	21.20
<i>Castings for Maxim, caliber 30, pack outfit.</i>			
250	Pommels.....	.75	187.50
800	Hook hinges.....	.37	296.00
300	Cantles.....	.75	225.00
<i>Castings for 15-pounder, barbette carriage, model 1902.</i>			
26	Front sight bracket supports.....	1.10	28.60
26	Rear sight bracket supports.....	1.40	36.40
<i>For 75 mm. gun sight.</i>			
1	Casting for rear sight bracket support.....		
1	Casting for front sight bracket support.....		
1	Forging for front sight bracket.....		
1	Forging for rear sight bracket.....		
1	Forging for shank.....		
			82.77
<i>Castings for 3-inch mountain howitzer, model 1908.</i>			
1	Shoulder guard base.....	2.68	2.68
1	Cradle head.....	5.35	5.35
1	Pintle bearing.....	33.22	33.22
1	Top-carriage body.....	22.82	22.82
1	Top-carriage cap square, right.....	1.70	1.70
1	Top-carriage cap square, left.....	1.70	1.70
1	Elevating nut body.....	9.00	9.00
1	Trail hinge, rear, right.....	6.53	6.53
1	Trail hinge, rear, left.....	6.53	6.53
1	Trail fastener, right.....	9.15	9.15
1	Trail fastener, left.....	9.15	9.15
1	Trail fastening cap.....	1.75	1.75
<i>Forgings for 3.8-inch field howitzer carriage, model 1908.</i>			
8	Axle arms, right (included in axle cost).....		
8	Axle arms, left (included in axle cost).....		
8	Elevating bearings, left.....	7.80	62.40
32	Shield brackets, right and left.....	13.30	425.60
8	Lunette brackets.....	35.83	286.64
5	Middle bands.....	83.34	416.70
8	Cradle heads.....	100.98	807.84
4	Cylinder heads, front.....	2.56	10.24
4	Cylinder heads, rear.....	2.56	10.24
8	Cylinder liners.....	36.75	294.00
3	Cylinder retaining rings.....	1.06	3.18
3	Elevating shafts.....	5.31	15.93
1	Forging for piston and rod.....	90.00	90.00
1	Axle.....	35.54	35.54
1	Recoil cylinder.....	32.94	32.94
2	Elevating racks.....	18.04	36.08

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART II—CLASS V—SECTION 5—Continued.			
<i>For 4.7-inch siege limber, model 1905.</i>			
16	Top carriages.....	\$9.35	\$149.60
<i>Castings for 4.7-inch siege carriage, model 1906.</i>			
5	Elevating shaft brackets.....	8.45	42.25
5	Elevating-nut brackets, right.....	11.43	57.15
6	Elevating-nut brackets, left.....	9.57	57.42
1	Pintle bearing.....	56.28	56.28
12	Axle bearings, right.....	2.60	31.20
13	Axle bearings, left.....	8.48	110.24
12	Spade brackets, right.....	3.03	36.36
12	Spade brackets, left.....	1.93	23.16
12	Traveling lock frames.....	7.59	91.08
12	Spade key brackets.....	4.39	52.68
12	Lunette transoms.....	1.77	21.24
12	Trail and reenforce plates.....	2.40	28.80
12	Pintle bearings.....	24.63	295.56
12	Trunnion bands.....	19.48	233.76
12	Cradle bands, rear.....	9.40	112.80
12	Cradle bands, front.....	7.40	88.80
12	Traversing brackets.....	6.03	72.36
12	Traversing yokes.....	2.57	30.84
13	Elevating yoke transoms.....	1.07	13.91
13	Elevating yoke sides, right.....	1.18	15.34
13	Elevating yoke sides, left.....	3.82	49.66
12	Pintle yokes.....	16.06	192.72
12	Brake-shaft brackets, right.....	11.06	132.72
12	Brake-shaft brackets, left.....	10.83	129.96
24	Brake beams.....	16.32	391.08
12	Rear-sight bracket supports.....	1.25	15.00
12	Fasteners, female.....	2.08	24.96
24	Top-shield brackets.....	.41	9.84
12	Traversing screw brackets.....	1.46	17.52
12	Traversing-screw bracket caps.....	1.19	14.28
24	Traveling lock legs.....	1.72	41.28
24	Cylinder covers.....	1.95	46.80
12	Stops.....	.95	11.40
18	Loading trays.....	1.80	32.40
6	Elevating-gear brackets.....	8.40	50.40
9	Loading trays.....	5.00	45.00
2	Top shield brackets.....	2.00	4.00
1	Elevating-yoke bracket.....	10.00	10.00
15	Block carrier castings for 4.7-inch field howitzer, model 1908.....	7.06	105.90
<i>Castings for 4.7-inch siege limber caisson.</i>			
48	Pole sockets.....	3.28	157.44
<i>Castings for 4.7-inch barbette carriage, Armstrong.</i>			
1	Foundation ring.....	84.60	84.60
<i>Castings for 5-inch barbette carriage, model 1903.</i>			
1	Sight bracket, right, for 3-inch sight, model 1904.....	39.90	39.90
1	Castings to represent 6-inch wire-wrapped gun, model 1908.....	524.36	524.36
<i>For 6-inch wire-wrapped gun, model 1908.</i>			
4	Block carriers.....	7.06	28.24
4	Castings (8 loading trays).....	5.25	21.00
<i>Castings for 6-inch howitzer carriage, model 1908.</i>			
2	Rear brackets.....	62.57	125.14
5	Spade brackets, right.....	11.85	11.85
5	Spade brackets, left.....	11.85	11.85
5	Rear traveling locks.....	6.40	32.00
10	Loading trays (each consisting of 3 trays).....	3.25	32.50
<i>Castings for 6-pounder gun, Driggs-Seabury, on 5-inch breech-loading howitzer carriage, model 1900.</i>			
2	Cradle adapters.....	60.78	121.56
<i>For 6-inch rapid-fire gun, model 1900.</i>			
3	Block carriers.....	13.23	39.69

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART II—CLASS V—SECTION 5—Continued.			
<i>For 6-inch disappearing carriage, model 1903.</i>			
25	Castings for sight arm bracket lugs.....	\$1. 04	\$26. 00
<i>Castings for 6-inch gun, model 1905.</i>			
8	Trunnion hoops.....	90. 00	726. 16
7	Loading trays.....	32. 12	224. 84
1	Block carrier.....	16. 33	16. 33
1	Hinge ring.....	7. 46	7. 46
<i>Castings for 6-inch siege howitzer, model 1908.</i>			
11	Block carriers.....	8. 00	88. 00
Forgings:			
1	Recoil cylinder.....	122. 80	122. 80
1	Cylinder liner.....	59. 20	59. 20
1	Recoil valve.....	47. 52	47. 52
5	Axles, nickel alloy steel.....	59. 50	297. 50
1	Cradle guide.....	241. 40	241. 40
4	Loading trays.....	3. 40	13. 60
<i>Castings for 6-inch howitzer carriage, model 1908.</i>			
8	Seat supports, right.....	33. 83	270. 64
8	Seat supports, left.....	18. 70	149. 60
1	Loading tray (3 trays).....	4. 18	4. 18
Forgings:			
4	Cradle heads.....	71. 00	284. 00
1	Piston and piston rod.....	21. 50	21. 50
1	Trunnion, right.....	68. 71	68. 71
<i>Forgings for 8-inch disappearing carriage, model 1894.</i>			
4	Traversing wheel axles.....	22. 33	89. 32
<i>For 10-inch disappearing carriage, model 1894.</i>			
Castings:			
16	Piston liners.....	. 70	11. 20
4	Female buffers.....	23. 74	94. 86
4	Collars.....	3. 69	14. 76
Forgings:			
4	Male buffers.....	1. 79	7. 16
<i>Forgings for 10-inch disappearing carriage, model 1896.</i>			
73	Rope loops.....	5. 60	408. 80
<i>Castings for 10-inch disappearing carriage, model 1896.</i>			
73	Pulley brackets for counterbalance device.....	8. 17	596. 41
73	Pulley bracket cap squares.....	3. 40	248. 20
<i>Castings for 10-inch disappearing carriage, model 1901.</i>			
1	Sight arm for 3-inch sight, model 1904.....	51. 86	103. 72
20	Buffer liners in cylinder heads.....	18. 60	372. 00
<i>For 12-inch disappearing carriage, model 1901.</i>			
Castings:			
2	Sight arms for 3-inch sight, model 1904.....	28. 35	56. 70
2	Buffer liners in cylinder heads.....	37. 78	75. 56
Forgings:			
2	Sleeves, counter-recoil buffer.....	29. 99	59. 98
20	Collars for male part of counter-recoil buffers.....	10. 25	205. 00
<i>For 12-inch mortar carriage, model 1896, MI and MII.</i>			
Castings:			
1	Distance ring.....	535. 00	535. 00
9	Nuts for mortar crank-pin forgings.....	. 58	5. 22
Forgings:			
38	Crank pins.....	8. 77	333. 26
<i>Castings for 12-inch mortar, wrapped, model 1908.</i>			
14	Hinges (6 J).....	9. 79	137. 06
14	Trays (7 D).....	6. 91	96. 74

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Watertown Arsenal, Watertown, Mass.—Continued.

Number.	Article.	Price.	Amount.
PART II—CLASS V—SECTION 5—Continued.			
<i>Castings for 12-inch mortar carriage, model 1908.</i>			
18	Axle brackets (22 CI).....	\$1.50	\$27.00
18	Axle brackets (22 DI).....	1.65	29.70
36	Brake shoes (22 G).....	.85	30.60
36	Shot traps (22 E).....	5.34	192.24
36	Caster wheels (22 BI).....	6.36	228.96
36	Truck wheels (22 CI).....	6.75	243.00
36	Casters (22 BI).....	5.21	187.56
<i>Castings for 14-inch wire-wrapped gun.</i>			
5	Hinges.....	13.08	65.40
5	Trays.....	11.00	55.00
<i>Miscellaneous castings.</i>			
40	Closing cap wrenches for pressure gauge outfits.....	.36	14.40
2	Hoods for breech illuminating device for S. C. guns.....	10.60	21.20
32	Pole sockets.....	3.31	115.92
40	Testing levels.....	1.00	40.00
13	Range drums.....	14.90	193.70
2	Steel ingots, 10 by 10 by 27 inches.....		
6	Cradles for mounts for United States magazine rifle.....	4.54	27.24
25	Eye plugs (tools for loading projectiles with explosive D).....	.95	23.75
2	Cradles for pressure gauges for 30-caliber, model 1906, bore cartridges.....	2.99	5.98
5	Sets castings and forgings for "old man" or drilling post.....	10.89	54.45
20	Tap wrenches.....	.75	15.00
20	Wrenches for false base plugs.....	2.21	44.20
10	Centering collars, 5-inch shell.....	1.08	10.80
10	Centering collars, 6-inch shell.....	.95	9.50
10	Centering collars, 7-inch shell, No. 106.....	1.12	11.20
10	Centering collars, 7-inch shell, No. 125.....	1.20	12.02
20	Eye plugs.....	.67	13.40
10	Bottom blocks for holding projectiles.....	1.70	17.00
1	Holder.....		1.50
<i>Miscellaneous castings.</i>			
4	Bending blocks.....	9.50	38.00
<i>For projectile gauges.</i>			
Ring gauges—			
9	2.935 inches by 2.95 inches.....		
13	3.765 inches by 3.8 inches.....		
15	4.685 inches by 4.7 inches.....		
10	9.985 inches by 10 inches.....		
16	11.985 inches by 12 inches.....		
Snap gauges—			
6	2.13 inches by 2.38 inches by 2.24 inches.....		
12	2.8 inches by 3.25 inches by 3 inches.....		342.45
12	3.64 inches by 4 inches by 3.8 inches.....		
12	4.49 inches by 5 inches by 5 inches.....		
12	5.75 inches by 6.25 inches by 6 inches.....		
12	6.75 inches by 7.31 inches by 10 inches.....		
12	7.69 inches by 8.65 inches by 8 inches.....		
12	9.625 inches by 10.4 inches by 10 inches.....		
12	11.56 inches by 12.4 inches by 12 inches.....		
<i>Castings for 2-inch telescopic sights, model 1906.</i>			
8	Rear-sight brackets.....	4.70	37.60
8	Front-sight brackets.....	2.17	17.36
9	Sight shanks.....	1.30	11.70
PART II—CLASS V.			
<i>Section 16.</i>			
10	Boxes for 20 C. S. common shell, 4.72-inch Armstrong.....	.50	5.00
60	Boxes for 120 C. S. strong head, 4.72-inch Armstrong.....	.50	30.00
206	Boxes for shell, strong head, 6-inch Armstrong.....	.60	123.60
60	Boxes for 6-inch A. P. shot.....	.60	36.00
Total.....			467,297.44

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.

Number.	Article.	Price.	Amount.
PART I—CLASS I—SECTION 1.			
<i>Accessories, etc., for 8-inch, 10-inch, and 12-inch guns.</i>			
5	Covers, muzzle, for 8-inch gun, model of 1888.....	\$1.82	\$9.10
2	Paulins for 8-inch disappearing carriage, model of 1896.....	88.97	177.94
10	Covers, breech, for 10-inch gun, model of 1900, disappearing carriage, L. F., model of 1901.....	8.13	81.30
20	Covers, muzzle, for 10-inch gun, model of 1888.....	3.50	70.00
5	Covers, tompons and muzzle, for 10-inch gun, model of 1900.....	5.44	27.20
1	Set dummy cartridges, 10-inch gun.....	17.34	17.34
16	Canvas covers, sections, for dummy cartridges (simulating smokeless powder), for 10-inch gun, model of 1888.....	1.92	30.72
2	Paulins for 10-inch gun, disappearing carriage, model of 1894.....	177.85	355.70
10	Paulins for 10-inch gun, disappearing carriage, model of 1896.....	189.09	1,890.90
5	Covers, breech, for 12-inch guns, model of 1895 on disappearing carriage.....	9.62	48.10
10	Covers, muzzle, for 12-inch guns, model of 1895.....	3.80	38.00
2	Dummy cartridges for 12-inch gun, model of 1888 and 1895.....	35.02	70.04
88	Covers for dummy cartridges for 12-inch mortar.....	1.25	110.00
4	Paulins for 12-inch disappearing carriage, model of 1897.....	180.90	723.60
9	Paulins for 12-inch disappearing carriage, model of 1901.....	180.90	1,628.10
4	Covers for telescopic sights, model of 1904, for 12-inch disappearing carriage, model of 1897.....	6.14	24.56
PART I—CLASS I—SECTION 2.			
<i>Accessories, etc., for rapid-fire guns.</i>			
10	Covers, sponge, for 6-pounder rapid-fire gun, Driggs-Seabury model of 1898.....	.31	3.10
53	Cases for 2-inch telescopic sight.....	13.70	726.1
145	Covers, breech, for 15-pounder rapid-fire gun, models of 1898, 1902, 1903.....	2.00	290.00
10	Covers for 2-inch telescopic sights, mounted on right-hand side of 15-pounder barbette carriage, model of 1903.....	1.59	15.90
1	Cover for range drum for 15-pounder barbette carriage.....	1.82	1.82
1	Paulin for 15-pounder rapid-fire gun, model of 1902, barbette carriage, model of 1902, Bethlehem.....	23.36	23.36
10	Paulins for 15-pounder rapid-fire gun, on Driggs-Seabury mounts.....	15.98	159.80
19	Paulins for 15-pounder rapid-fire gun, barbette carriage, model of 1903.....	35.15	667.85
75	Covers, tompon and muzzle, for 15-pounder gun, models of 1898, 1902, 1903.....	1.28	96.00
2	Paulins for 4-inch Driggs-Seabury rapid-fire gun.....	19.00	38.00
25	Covers, tompon and muzzle, for 4.72-inch gun.....	3.51	87.75
2	Covers, breech, for 5-inch rapid-fire gun, model of 1897, on barbette carriage, model of 1896.....	2.80	5.60
29	Covers for 3-inch telescopic sights, model of 1904, sight cradle and bracket, 5-inch rapid-fire gun.....	4.75	137.75
8	Canvas covers for dummy cartridges, for 5-inch rapid-fire gun, model of 1900, sections.....	1.03	8.24
2	Paulins for rapid-fire gun, 5-inch, model of 1900, barbette mount, model of 1903.....	71.72	143.44
8	Covers, breech, for 6-inch rapid-fire gun, model of 1897 MI.....	3.35	26.80
10	Covers, breech, for 6-inch gun, model of 1900, on disappearing carriage.....	6.13	61.30
2	Covers, breech, for 6-inch rapid-fire gun, model of 1900, on barbette carriage, model of 1903.....	8.53	17.06
27	Covers, breech, for 6-inch rapid-fire gun, model of 1903, disappearing carriage.....	6.96	187.92
31	Covers for 3-inch telescopic sight, model of 1904, for 6-inch disappearing carriage, L. F., model of 1903.....	5.60	173.60
6	Covers for dummy cartridges for 6-inch rapid-fire gun, model of 1900.....	1.50	9.00
30	Covers, sponge, for 6-inch gun.....	.59	17.70
35	Covers, tompon and muzzle, for 6-inch rapid-fire gun, models of 1900, 1903, 1905.....	2.92	102.20
10	Covers, tompon and muzzle, for 6-inch gun, model of 1897.....	3.16	31.60
2	Paulins for 6-inch gun, disappearing carriage, model of 1898.....	68.65	137.30
13	Paulins for 6-inch gun, disappearing carriage, model of 1903.....	100.53	1,306.89
PART I—CLASS I—SECTION 3.			
<i>Accessories, etc., for mortars.</i>			
10	Covers, breech, for 12-inch mortar, model of 1890.....	5.87	58.70
50	Covers, muzzle, for 12-inch mortar, model of 1890.....	4.02	201.00
1	Extractor head for dummy cartridge for 12-inch mortar, model of 1890.....	2.25	2.25
1	Hollow circular built-up section for dummy cartridge for 12-inch mortar, model of 1890.....	2.03	2.03
50	Lanyards for mortars.....	1.00	50.00

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—SECTION 6.			
<i>Accessories, etc., for 3-inch saluting gun.</i>			
100	Covers, breech.....	\$3.06	\$306.00
40	Carpet sponge covers.....	.27	10.80
10	Lanyards.....	3.36	33.60
70	Sponges.....	1.94	135.80
24	Sponge heads, complete, with pins.....	.33	7.92
65	Tompions, leather.....	1.03	66.95
PART I—CLASS III—SECTION 6.			
<i>Ammunition for artillery of position.</i>			
1,700	Cartridge storage cases, galvanized iron, for 8-inch gun, model of 1888.....	2.62	4,454.00
650	Lids for cartridge storage cases, zinc, for 8-inch gun.....		1,333.50
400	Paper lid linings for 8-inch gun, for cartridge storage cases.....		24.50
700	Sealing strips for cartridge storage cases for 8-inch gun.....	.035	1,152.00
3,200	Handles for cartridge storage cases for 8-inch gun.....	.36	8,828.91
2,367	Cartridge storage cases, galvanized iron, for 10-inch gun, models of 1888 and 1895.....	3.73	337.50
1,250	Lids for cartridge-storage cases, zinc, for 10-inch gun.....		57.20
1,000	Paper lid linings for cartridge-storage cases, for 10-inch gun.....		720.00
1,300	Sealing strips for cartridge-storage cases, for 10-inch gun.....	.044	6,930.00
2,000	Handles for powder cans, assembled with clips and reinforces, 10-inch gun, for cartridge-storage cases.....	.36	210.00
1,800	Cartridge-storage cases, galvanized iron, for 12-inch rifle, models of 1888 and 1895.....	3.85	9.20
600	Covers for cartridge-storage cases for 12-inch gun.....	.35	8,552.05
200	Sealing strips for cartridge-storage cases for 12-inch gun.....	.046	94.50
2,899	Cartridge-storage cases for 12-inch mortar.....	2.95	21.50
350	Covers for cartridge-storage cases for 12-inch mortar.....	.27	
500	Sealing strips for cartridge cases for 12-inch mortar.....	.043	
PART I—CLASS IV—SECTION 1.			
<i>For Vickers-Maxim gun, caliber .30.</i>			
106	Wheel mounts, model of 1905.....	536.00	56,816.00
<i>For caliber .30 pack outfits, American model.</i>			
6	Ammunition boxes.....	.84	5.04
1	Ammunition box, experimental.....	19.77	19.77
1	Blinder.....	3.31	3.31
10	Cases, barrel.....	4.90	49.00
1	Corona.....	5.76	5.76
4	Covers, gun.....	5.97	23.88
21	Cruppers.....	8.61	180.81
20	Halter bridles.....	5.85	117.00
21	Hangers, ammunition.....	6.16	129.36
7	Hangers, gun.....	12.83	89.81
26	Hangers, tripod.....	14.96	388.96
13	Pack frames.....	11.83	153.79
750	Paulins.....	2.49	1,867.50
48	Straps, cincha, for belly cincha.....	.29	13.92
24	Straps, filling cup.....	.22	5.28
1	Tool chest for blacksmith's and saddler's tools, for machine-gun platoon.....	27.04	27.04
10	Boot sticks.....	.75	7.50
10	Cantles.....	2.80	28.00
2	Braces, rear top, for ammunition hanger.....	.28	.56
10	Pommels.....	2.80	28.00
922	Ribs for aparejo.....	.04	36.88
18	Rib sticks.....	.04	.72
10	Saddle bars.....	.13	1.30
50	Saddle braces.....	.32	16.00
10	Saddle brace bars.....	.09	.90
20	Saddle brace bar boards.....	.11	2.20
20	Saddle side bar boards.....	.17	3.40
58	Staples and plates for attaching pack frames to aparejos.....	.07	4.06
750	Thongs, aparejo cincha.....	.13	97.50
750	Thongs, crupper.....	.12	90.00
1,540	Thongs, rawhide for machine gun platoon.....	.06	92.40
10	Top sticks.....	1.16	11.60
20	Spiders, cincha.....	1.14	22.80
10	Sobrejalma supporting sticks.....	.28	2.80
1	Chest, forge, for tools.....	20.20	20.20

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IV—SECTION 1—Continued.			
<i>For caliber .30 pack outfits, English model.</i>			
4	Arch frames.....	\$5.88	\$23.52
5	Breechings.....	2.64	13.20
5	Collars, breast.....	2.56	12.80
20	Hooks, right and left.....	.09	1.80
9	Panels.....	9.61	86.49
5	Side plates.....	.136	.68
20	Straps, breeching.....	.36	7.20
20	Straps, breast collar.....	.36	7.20
20	Straps, crupper.....	.26	5.20
20	Straps, loin.....	.24	4.80
20	Straps, martingale.....	.37	7.40
20	Straps, load.....	1.98	39.60
20	Straps, neck.....	.40	8.00
12	Bill hooks for Vickers-Maxim automatic gun, caliber 37 mm.....	3.62	43.44
PART I—CLASS IV—SECTION 2.			
<i>Accessories and pack outfits for mountain guns, caliber 75 mm.</i>			
10	Aparejo bodies, complete.....	25.14	251.40
8	Axle rests.....	1.19	9.52
301	Blinders.....	3.31	996.31
40	Brushes, cleaning.....	.94	37.60
22	Sponge brushes and rods.....	8.37	184.14
40	Cinchas, ammunition.....	4.94	197.60
25	Cinchas, aparejo.....	5.46	136.50
15	Cinchas, belly.....	2.32	34.80
15	Cinchas, load.....	5.41	81.15
15	Coronas.....	5.77	86.55
11	Covers, breech.....	4.05	44.55
17	Covers, front sight.....	.56	9.52
11	Covers, muzzle.....	1.17	12.87
17	Covers, rear sight.....	3.37	57.29
22	Cradle cleaners.....	3.47	76.34
15	Cruppers.....	8.61	129.15
11	Drag ropes.....	9.84	108.24
318	Pack frames.....	10.50	3,339.00
10	Handles, piston, right and left.....	9.22	92.20
11	Wheel hangers.....	10.72	117.92
200	Hangers, auxiliary ammunition, English pack saddle.....	1.29	258.00
200	Lacings, crupper.....	.12	24.00
200	Lacings, latigo, for aparejo cinchas.....	.15	30.00
66	Lash loops.....	.58	38.28
33	Lifting rods.....	4.58	151.14
22	Oil cans, tubular.....	.83	18.26
50	Packs, dummy.....	3.78	189.00
20	Leather buffer cap packing.....	.11	2.20
30	Packing, filling plug, leather.....	.09	2.70
113	Packing, leather, cup shape.....	.69	77.97
51	Packing, piston rod.....	.43	21.93
36	Pads, trail.....	3.60	129.00
13	Pins, lynch.....	2.30	29.90
44	Picket ropes, 50-foot sections.....	2.25	99.00
22	Piston rod protectors.....	1.09	23.98
55	Pouches, gunners.....	2.09	114.95
8	Reins for combination halter bridle.....	1.23	9.84
910	Ribs, aparejo.....	.04	36.40
9	Sobrejalmas.....	7.03	63.27
70	Sticks, boot.....	.76	53.20
962	Sticks, rib.....	.04	38.48
74	Sticks, top.....	1.17	86.78
50	Straps, belly cincha.....	.29	14.10
100	Straps, girth.....	.92	92.00
52	Straps, implement.....	.49	25.48
60	Straps, latigo, for aparejo cinchas.....	.04	2.40
260	Thongs, aparejo cincha.....	.13	33.80
300	Thongs, rawhide, 30 by $\frac{3}{8}$ inch.....	.05	15.00
6	Tool pockets with inside pockets.....	9.18	55.08
6	Tool pockets with inside straps.....	6.40	38.40
1	Tripod hanger frames.....	10.63	10.63
22	Tubular oil can carriers and straps.....	2.39	52.58
3	Washers, drag.....	4.40	13.20
32	Braces, saddle, front.....	.27	8.64
8	Braces, saddle, rear.....	.27	2.16
5	Braces, rear, top.....	.41	2.05
1	Catch, spring, for piston rod, with screw washer.....	15.91	15.91
10	Cantles.....	1.95	19.50
25	Hooks, front, for pack frames.....	.06	1.50

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IV—SECTION 2—Continued.			
<i>Accessories and pack outfits for mountain guns, caliber 75 mm.—Con.</i>			
25	Hooks, rear, for pack frames.....	\$0.06	\$1.50
3	Keys with twisted dog chain.....	9.24	27.72
24	Top stick keys.....	.12	2.88
4	Elevating joint pin stop screws.....	.46	1.84
580	Eyepeices for combined packing-box hanger.....	.27	156.60
4	Pins, split, for sleeve.....	.01	.04
8	Joint pin set screws.....	.57	4.56
10	Pommels.....	2.05	20.50
20	Tie bars (10 right, 10 left) for pack frames.....	.47	9.40
20	Rings, D, load cincha.....	.18	3.60
2	Rings, 3-inch.....	.04	.08
9	Screws for spring catch.....	1.20	10.80
250	Staples and plate for fastening pack frames to aparejo.....	.07	17.50
1	Portable chest for carpenter's and harness maker's tools.....	26.00	26.00
PART I—CLASS IV—SECTION 3.			
<i>3-inch field gun, carriages, limbers, accessories, etc.</i>			
12	Gun carriages, 3-inch, model of 1902, Nos. 354 to 365.....	2,091.84	25,102.08
15	Adjusting screws with check nut.....	1.24	18.60
40	Apron hinges.....	.86	34.40
63	Apron hinge pins, carriage, model of 1902.....	.33	20.79
15	Apron latches, complete.....	7.93	118.95
12	Apron latch pins, carriage.....	.09	1.08
35	Apron latch springs.....	.23	8.05
24	Apron latch staples.....	1.25	30.00
21	Axle bracket fastenings.....	8.81	185.01
4	Axle seats.....	2.19	8.76
104	Axle seat cushions.....	2.42	251.68
4	Bolts and nuts, long, for axle seat.....	.48	1.92
10	Bolts and nuts, sets, for axle-seat supports.....	.80	8.00
2	Bolts and nuts, shield brace.....	.63	1.26
10	Bolts, nuts, and washers, sets, for main shields.....	.63	6.30
10	Bolts and nuts, sets, for seat-arm support.....	.41	4.10
120	Bolts, nuts, and washers for sight quadrant case brackets.....	.44	52.80
20	Bracket studs.....	.50	10.00
30	Bracket stud nuts.....	.13	3.90
1	Bracket stud split pin.....	.01	.01
2	Brake connecting rods.....	2.40	4.80
14	Brake levers.....	30.42	425.88
21	Brake segments, complete.....	12.79	268.59
8	Copper gaskets for filling and drain plugs, cylinder head.....	.16	1.28
22	Cradle brushes.....	7.31	160.82
10	Cylinder end studs.....	6.95	69.50
15	Cylinder end stud nuts.....	2.10	31.50
60	Drain plugs, cylinder.....	1.19	71.40
6	Dust guards.....	1.53	9.18
60	Elevating crank shaft split pins.....	.31	18.60
15	Elevating pins.....	.90	13.50
34	Elevating screw covers.....	1.22	41.48
1	Elevating and traversing lock lug and rivets.....	11.68	11.68
60	Elevating and traversing lock springs.....	1.98	118.80
60	Filling plugs, piston rod.....	1.22	73.20
30	Firing handles, model 1904-5.....	2.92	87.60
15	Firing-handle hubs, model 1904-5.....	9.07	136.05
25	Firing-handle pins, model 1904-5.....	.16	4.00
15	Firing-handle plugs, model 1904-5.....	.86	12.90
25	Firing-handle plungers.....	.37	9.25
8	Firing-handle springs.....	.36	2.88
30	Firing shafts, model 1904-5.....	8.94	268.20
56	Firing-handle springs.....	.36	20.16
10	Firing-handle thimbles.....	1.01	10.10
2	Front wing nuts with studs.....	.50	1.00
20	Fulcrum pins.....	.72	14.40
30	Handle return springs.....	.51	15.30
20	Handspikes.....	10.12	202.40
64	Handspike bolts.....	.62	39.68
5	Handspike fastenings.....	1.72	8.60
14	Handspike fulcrums.....	7.08	99.12
1	Hasp complete, for panoramic sight case.....	.49	.49
2	Hasps with hasp hinge for quadrant case.....	.49	.98
3	Headless screws for piston rod.....	.17	.51
12	Head retainers, with interior unfinished.....	3.87	46.44
1	Inner elevating screw.....	11.53	11.53
7	Lunette brackets.....	13.50	94.50

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IV—SECTION 3—Continued.			
<i>3-inch field gun, carriages, limbers, accessories, etc.—Continued.</i>			
60	Oil can boxes.....	\$0.40	\$24.00
180	Oil hole spring covers, with screws and washers.....	.18	32.40
202	Oil valves, complete.....	1.24	250.48
4	Panoramic sight case cover hinges.....	.49	1.96
8	Panoramic sight packing blocks.....	1.04	8.32
1	Pin, for recoil lug.....	.68	.68
15	Piston rod nuts.....	2.34	35.10
1	Range quadrant case.....	24.80	24.80
4	Range quadrant case cover hinges.....	.48	1.92
12	Range quadrant sight case bolts.....	.02	.24
8	Range quadrant packing blocks.....	1.19	9.52
2	Rear wing nuts with studs.....	.39	.78
30	Recoil indicators.....	.19	5.70
8	Recoil indicator throws.....	.63	5.04
8	Recoil indicator throw hinges.....	1.60	12.80
3	Recoil lug pins.....	.68	2.04
1	Retaining ring with hasps.....	14.57	14.57
4	Retaining ring bolts and nuts.....	2.75	11.00
4	Retaining ring bolt pins.....	.29	1.16
62	Retaining ring hasp split pins and cords.....	.16	9.92
20	Seats, trail.....	1.15	23.00
12	Seat arms.....	1.05	12.60
33	Seat arm guards.....	.63	20.79
4	Seat arm supports.....	.93	3.72
4	Segment racks, sets.....	5.26	21.04
136	Shaft return springs.....	.51	69.36
64	Shaft trip collars.....	4.93	315.52
2	Shield braces.....	.80	1.60
12	Shield brace bolts and nuts.....	1.15	13.80
4	Shoulder guards.....	2.50	10.00
40	Spade edges.....	1.66	66.40
8	Split pins, 0.125 by 4.5 inches.....	.01	.08
1	Split pin for recoil indicator throw hinge.....	.01	.01
8	Taper pins for elevating gear.....	.34	2.72
6	Tie rod pins.....	.25	1.50
1	Top shield fastening.....	2.47	2.47
52	Top shield hinge pins, outer.....	.44	22.88
22	Top shield hinge pins, center.....	.44	9.68
1	Trail seat support, right.....	3.46	3.46
2	Traversing and elevating lock hinges.....	6.43	12.86
1	Traversing and elevating lock link.....	.54	.54
10	Traversing gear cases.....	34.15	341.50
16	Traversing gear bushings.....	4.58	73.28
8	Traversing handwheels.....	4.59	36.72
30	Traversing link pivots with nuts.....	3.15	94.50
28	Traversing nuts.....	3.03	84.84
30	Traversing shafts.....	9.32	279.60
56	Traversing shaft bearings.....	5.57	311.92
1	Traversing shaft bushing.....	4.58	4.58
68	Trip collar pins.....	1.85	125.80
68	Trip latches.....	3.01	204.68
68	Trip latch pins.....	.46	31.28
71	Trip latch plungers.....	3.72	264.12
131	Trip latch springs.....	.16	20.96
30	Tube covers with hinge pins.....	5.20	156.00
30	Tube cover latches.....	1.31	39.30
260	Tube cover latch pins.....	.08	20.80
60	Tube cover latch springs.....	.49	29.40
2	Tube support plates.....	6.70	13.40
6	Washers, felt, for rear cradle head.....	.07	.42
6	Washers for shield bolt.....	.12	.72
8	Washers, vulcanized fiber, for cylinder heads.....	.33	2.64
<i>3-inch gun field limbers and parts.</i>			
128	Field limbers, 3-inch, model of 1902.....	662.50	84,800.00
192	Ammunition-chest shot bolts, right and left.....	.76	145.92
196	Ammunition-chest connection pins.....	.40	78.40
62	Ammunition-chest door-lock hasps.....	1.90	117.80
160	Ammunition-chest door-lock hasps, bolts and springs.....	2.73	436.80
10	Brackets, ax head.....	1.20	12.00
10	Brackets, shovel blade.....	1.60	16.00
464	Brake shoes.....	1.41	654.24
688	Brake shoe bolts.....	.52	357.76
40	Chain fastenings.....	.45	18.00
75	Doubletrees.....	10.40	780.00

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IV—SECTION 3—Continued.			
<i>3-inch gun field limbers and parts—Continued.</i>			
50	Doubletree bolts.....	\$0.50	\$25.20
151	Doubletree bolt nuts.....	.20	30.20
137	Doubletree hooks.....	2.04	279.48
48	Rivets for doubletree hooks.....	.01	.48
45	Doubletree nipples.....	.67	30.15
31	Doubletree nipple nuts.....	.32	9.92
13	Doubletree rods.....	4.27	55.51
13	Doubletree rod pins.....	.24	3.12
2	Doubletree stay rods.....	1.95	3.90
2	Doubletree straps.....	.35	.70
1	Doubletree strap pin.....	.24	.24
1	Hand-rail tube, front and rear bracket.....	2.22	2.22
99	Hub caps.....	4.57	452.43
198	Hub liners.....	3.33	659.34
40	Limber props, complete.....	4.82	192.80
124	Limber prop chains.....	.80	99.20
228	Lock washers.....	.51	116.28
224	Neck-yoke pads.....	.38	85.12
410	Oil cans, tubular.....	11.05	4,530.50
72	Oil-can nozzles.....	.47	33.84
42	Leather washers for tubular oil cans.....	.02	.84
46	Pintles, complete.....	19.67	904.82
40	Pintle bearing bolts and nuts.....	.57	22.80
96	Pintle springs.....	1.72	165.12
208	Pintle latch springs.....	1.30	270.40
10	Poles.....	23.91	239.10
1	Pole band with bolt and nut.....	1.14	1.14
42	Pole clamps with bolts and nuts.....	12.10	508.20
4	Pole clamp bolts.....	.48	1.92
1	Pole clamp eye.....	.09	.09
45	Pole covers, copper.....	1.13	50.85
121	Pole ferrules.....	10.94	1,323.74
210	Pole pads.....	1.50	315.00
1	Pole pin.....	.38	.38
1	Pole pin reinforce.....	.17	.17
375	Pole props.....	8.80	3,300.00
13,824	Rope strap fasteners.....	.05	691.20
6	Rivets, $\frac{7}{8}$ by $1\frac{1}{4}$ inches.....	.01	.06
164	Singletrees.....	4.55	746.20
7,080	Straps, limber blanket.....	.48	3,398.40
7,080	Straps, picket rope, lower.....	.26	1,840.80
1	Tie rod, rear.....	1.07	1.07
6	Wheels.....	33.93	203.58
42	Wheel fastenings, complete, including hasps.....	0.06	254.52
480	Wheel fastenings without hasps.....	4.13	1,982.40
680	Wheel fastening hasps.....	1.93	1,312.40
80	Pieces for axle washers.....	.21	16.80
51	Wheel fastening dust guards.....	2.11	107.61
<i>3-inch gun caissons and parts.</i>			
122	Field caisson, 3-inch, model of 1902.....	1,158.32	141,315.04
120	Ammunition chest door lock bars.....	5.06	607.20
1	Axle, round.....	63.65	63.65
3	Axle bracket hinge pins.....	.33	.99
60	Apron hinges, end.....	1.33	79.80
60	Apron hinges, center.....	1.40	84.00
204	Apron hinge pins.....	.33	67.32
8	Apron hinge pin washers.....	.05	.40
72	Apron latches, complete.....	6.76	486.72
76	Apron latch springs.....	.24	18.24
66	Apron staples.....	1.63	107.58
42	Brake beams.....	8.02	336.84
80	Brake beam pins.....	.45	36.00
3	Brake connecting rods.....	8.53	25.59
37	Brake levers.....	15.45	571.65
20	Brake segments.....	14.45	289.00
1	Brake segment bracket with bolt and nut.....	13.33	13.33
1	Brake shaft.....	14.77	14.77
28	Segment racks.....	3.78	105.84
66	Caisson props.....	7.49	494.34
126	Caisson prop chains and hooks.....	1.28	161.28
80	Connecting rod pins.....	.32	25.60
56	Fuse setter brackets.....	19.15	1,072.40
21	Fuse setter bracket hinge pins.....	.38	7.98
66	Fuse setter latches.....	6.72	443.52
8	Fuse setter latch hinge pins.....	.34	2.72
10	Fuse setter latch plungers.....	.17	1.70

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IV—SECTION 3—Continued.			
<i>5-inch gun caissons and parts—Continued.</i>			
96	Fuse setter latch springs.....	\$0.24	\$23.04
4	Fuse setter rod hinge pins.....	.47	1.88
3	Lower rods.....	.87	2.61
3	Upper rods.....	1.07	3.21
6	Hand rails.....	1.72	10.32
4	Lock bar wing nuts.....	.47	1.88
50	Lunettes.....	6.49	324.50
10	Lunette brackets.....	11.05	110.50
80	Lunette nuts.....	.22	17.60
109	Pintles, complete with bolts, including bearings.....	19.67	2,144.03
70	Pintle bearings.....	5.25	367.50
60	Pintle bearing bolts and nuts.....	.57	34.20
114	Pintle latches.....	2.96	337.44
73	Pintle latch pins.....	.17	12.41
132	Pintle springs.....	1.95	257.40
2	Spare pole brackets.....	1.52	3.04
33	Spare pole fastenings.....	2.40	79.20
60	Spare pole fastening washers.....	.34	20.40
25	Split pins $\frac{1}{4}$ by $2\frac{1}{2}$ inches.....	.01	.25
847	Strap fasteners.....	.03	10.41
1	Strap, axe fastening.....	.29	.29
3	Straps, grip.....	.36	1.08
3	Straps, paulin.....	.30	.90
2	Straps, wrench.....	.29	.58
<i>3-inch gun forge limbers and parts.</i>			
10	Field forge limbers, 3-inch, model of 1902.....	652.31	6,523.10
40	Hand-rail brackets.....	.45	18.00
22	Hand-rail tubes.....	1.77	38.94
10	Hasp hinges, chest.....	2.43	34.30
40	Lid hinges, chest.....	1.93	7.72
10	Lid props.....	1.39	13.90
10	Lid-prop brackets.....	.99	9.90
10	Lid-prop guides, left.....	2.96	29.60
20	Oil can support latch springs.....	.49	9.80
20	Oil can support covers.....	1.74	34.80
10	Packing for anvils, wood sets.....	1.88	18.80
10	Packing for forges, wood sets.....	3.10	31.00
10	Packing for rivet sets, wood sets.....	.38	3.80
10	Packing for small tools, wood sets.....	2.39	23.90
20	Shot bolts, right and left.....	.76	15.20
10	Sledge-handle brackets.....	.49	4.90
10	Sledge holders.....	.89	8.90
10	Turn-buckles, with pins and washers.....	1.09	10.90
1	Fastening for chisel, cold iron.....	.17	.17
1	Fastening for chisel, hot iron.....	.17	.17
1	Fastening for clinching iron.....	.32	.32
1	Fastening, flatter.....	.17	.17
1	Fastening for hammer, hand.....	.17	.17
1	Fastening, hardie.....	.23	.23
2	Fastenings, ratchet drill.....	.13	.26
1	Fastening, riveting hammer.....	.17	.17
2	Fastenings, screw wrench, No. 2.....	.17	.34
1	Fastening, shoeing hammer.....	.17	.17
20	Fastenings, sledge strap.....	.04	.80
10	Sledge straps.....	.47	4.70
10	Sledge strap shoes.....	.13	1.30
<i>3-inch gun battery wagons and parts.</i>			
10	Gun battery wagons, 3-inch, model of 1902.....	777.51	7,775.10
1	Brake lever.....	12.30	12.30
1	Brake segment.....	1.97	1.97
2	Boards for front end.....	5.06	10.12
2	Boards for front edge of front door.....	.38	.76
2	Chain fastenings for door, right and left.....	.92	1.84
5	Chests, supply, battery mechanics.....	15.00	75.00
2	Covers, canvas, for top of battery wagon.....	1.13	2.26
1	Door, top, rear section.....	10.25	10.25
61	Floor plates for holding spare breech mechanism boxes.....	.27	16.47
3	Hasps.....	1.67	5.01
5	Lunette brackets.....	11.05	55.25
146	Oil cans, 5-gallon.....	12.79	1,867.34
4	Stopcock body plugs, with chains, for 5-gallon oil can.....	1.43	5.72
20	Front oil can supports.....	1.50	30.00
20	Middle oil can supports.....	1.05	21.00
20	Rear oil can supports.....	1.70	34.00

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IV—SECTION 3—Continued.			
<i>3-inch gun store wagons and limbers.</i>			
10	Gun store wagons, 3-inch, model of 1902, Nos. 91 to 94.....	\$725.00	\$7,250.00
10	Field store wagon limbers, 3-inch, model of 1902.....	668.72	6,687.20
1	Brake lever for store wagon.....	12.30	12.30
10	Brake segments for store wagon.....	5.55	55.50
1	Oil can bar for store wagon.....	.63	.63
4	Sets chest packing, complete, for store limber.....	Lot.	84.21
<i>Implements and accessories for 3-inch gun carriages, caissons, limbers, etc.</i>			
21	Bags, canvas, coal.....	3.38	70.98
1,300	Buckets, watering.....	1.84	2,392.00
31	Brushes, slush.....	1.82	56.42
20	Buckets, water, galvanized steel.....	1.76	35.20
1	Case and strap for battery commander's ruler.....	.70	.70
9	Cases for battery commander's telescope, model of 1905.....	21.44	192.96
7	Cases for tripods for battery commander's telescope, model of 1905.....	6.92	48.44
5	Carrying cases for observation telescope, field.....	26.00	130.00
116	Cases for hand fuse setters.....	3.42	396.72
24	Chests for cleaning material and small stores.....	9.37	224.88
6	Chests for miscellaneous spare parts.....	22.76	136.56
5	Chests, packing, for spare breech mechanism.....	5.11	25.55
5	Chests, packing, for spare breech mechanism, model 1904-5 guns.....	5.21	26.05
36	Chests, packing, for spare sights.....	3.25	117.00
20	Covers, breech.....	1.75	35.00
129	Covers for fuse setters.....	1.26	162.54
52	Covers for rear sight brackets.....	.74	38.48
52	Covers for rear sight shank.....	1.20	62.40
75	Covers, spare wheel hub.....	1.80	135.00
50	Covers, sponge.....	.29	14.50
39	Covers, tompon and muzzle.....	1.27	49.53
50	Cyclometers.....	35.88	1,794.00
60	Drifts, copper, large.....	.72	43.20
60	Drifts, copper, small.....	.36	21.60
10	Chests, carpenters'.....	57.32	573.20
73	Funnels for oiling wheels.....	2.06	150.38
350	Funnels, filling, cylinder.....	1.39	486.50
10	Grindstones with stands, complete.....	18.50	185.00
104	Lanyards.....	2.68	278.72
40	Lock washer holders.....	.64	25.60
503	Paulins, 12 by 12 feet.....	14.61	7,348.83
256	Lantern bracket pads.....	.28	71.68
40	Pouches for spare parts.....	3.05	122.00
60	Punches, small, steel.....	.22	13.20
272	Picket ropes.....	3.72	1,011.84
1	Rammer staff, handle end.....	1.23	1.23
60	Spring compressors.....	4.28	256.80
15	Sponges.....	.50	7.50
75	Sponges and rammers, complete.....	7.28	546.00
26	Sights, muzzle bore.....	1.51	39.26
26	Sights, breech bore.....	.79	20.54
40	Tool kits, canvas.....	1.88	75.20
40	Wrenches, spanner, carriage.....	6.40	256.00
268	Wrenches, spanner, caisson.....	5.42	1,452.56
60	Wrenches, screw slot.....	.64	38.40
60	Wrenches, range quadrant.....	1.22	73.20
60	Wrenches, filling and drain plug.....	2.16	129.60
1	Filling and drain plug wrench for converted 3.2-inch field carriage, model of 1907.....	1.76	1.76
<i>Parts for construction of truck for 30-inch electric control searchlight outfit, Engineer Corps (same as 3-inch material).</i>			
1	Axle with axle washer.....	63.65	63.65
1	Doubletree, complete.....	10.40	10.40
2	Brake beams, complete, with shoes and bolts.....	8.02	16.04
2	Brake beam pins.....	.45	.90
2	Brake connecting rods, complete, with ends and pins.....	8.54	17.08
1	Brake lever.....	15.45	15.45
1	Brake segment, complete.....	14.45	14.45
1	Brake segment bracket and bolt.....	13.34	13.34
1	Brake shaft, complete, with cranks.....	14.77	14.77
3	Brake shaft bearings, complete.....	3.03	9.09
2	Hand rail tubes, complete, with bracket for forge limber chest.....	2.22	4.44
1	Neck yoke, complete.....	9.46	9.46
1	Pole, complete.....	23.91	23.91

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IV—SECTION 3—Continued.			
<i>Parts for construction of truck for 30-inch electric control searchlight outfit, Engineer Corps (same as 3-inch material)—Continued.</i>			
1	Pole prop.....	\$8.80	\$8.80
2	Singletrees, complete.....	4.55	9.10
4	Wheels, complete, 56-inch.....	33.93	135.72
4	Wheel fastenings, complete.....	6.06	24.24
<i>3.8-inch field gun carriages, caissons, limbers, etc.</i>			
1	Gun store limber, 3.8-inch, model of 1902, No. 2.....	670.65	670.65
1	Gun store wagon, 3.8-inch, model of 1902, No. 2.....	690.00	690.00
1	Gun battery wagon, 3.8-inch, model of 1902, No. 2.....	921.23	921.23
1	Gun forge limber, 3.8-inch, model of 1902, No. 2.....	601.85	601.85
2	Chests for spare breech mechanism, model of 1904.....	5.23	10.46
2	Chests for miscellaneous spare parts.....	22.76	45.52
10	Covers, spare wheel hub.....	1.80	18.00
4	Funnels, filling, cylinder.....	1.39	5.56
40	Lantern bracket pads.....	.28	11.20
56	Lanyards.....	2.68	150.08
8	Neck-yoke pads.....	.37	2.96
96	Oil cans, limber.....	6.32	606.72
16	Pole ferrules.....	10.94	175.04
34	Pole props.....	8.80	299.20
2	Sights, breech bore.....	.69	1.38
2	Sights, muzzle bore.....	1.36	2.72
<i>3.8-inch field howitzer carriage, caisson, limber, spare parts.</i>			
4	Chests for spare sights.....	3.25	13.00
8	Oil-can boxes.....	.40	3.20
8	Wrenches, screw slot.....	3.10	24.80
1	Recoil valve, experimental.....	152.60	152.60
<i>Carriages and equipments for 4.7-inch field howitzers.</i>			
1	Howitzer carriage, 4.7-inch, model of 1908.....	8,500.00	8,500.00
1	Howitzer carriage limber, 4.7-inch, model of 1908.....	1,200.00	1,200.00
1	Bronze lower end for elevating shaft.....	10.65	10.65
1	Bronze upper end for elevating shaft.....	11.13	11.13
1	Elevating nut bracket, left.....	13.50	13.50
1	Elevating nut bracket, right.....	13.50	13.50
1	Cover, breech.....	4.96	4.96
4	Covers, sponge.....	.37	1.48
1	Cover, tompon and muzzle.....	2.34	2.34
8	Lanyards.....	.56	4.48
4	Lock washer holders.....	1.00	4.00
33	Oil cans, 5-gallon each.....	13.00	429.00
4	Sponges and rammers.....	22.93	91.72
4	Tool kits, canvas.....	1.98	7.92
4	Wrenches, 1-inch and $\frac{3}{8}$ -inch open-box cradle, cap bolts.....	9.70	38.80
4	Wrenches, $1\frac{1}{2}$ inches with pins, spring cylinder covers.....	5.74	22.96
4	Double spanners, wheel hub and cylinder head.....	13.55	54.20
4	Wrenches, screw slot.....	3.10	12.40
4	Wrenches, spanner socket, valve rod gland.....	9.74	38.96
PART I—CLASS IV—SECTION 4.			
<i>Equipments, accessories, and spare parts for 4.7-inch siege carriages, limbers, etc., model of 1906.</i>			
1	Adjusting screw.....	1.07	1.07
16	Apron latches, complete.....	4.41	70.56
16	Apron latch springs.....	.23	3.68
4	Brake levers.....	37.29	149.16
8	Brake lever springs.....	3.94	31.52
2	Brake rod pins.....	.41	.82
1	Brake rod springs.....	2.00	2.00
4	Brake segments.....	16.63	66.52
48	Brake shoes.....	2.46	118.08
32	Brake shoe pins.....	.82	26.24
2	Check nuts.....	.30	.60
1	Cylinder cover.....	8.05	8.05
8	Cylinder cover hinge pins.....	.25	2.00
4	Elevating pins.....	3.50	14.00
4	Elevating bevel gear keys.....	4.94	19.76
2	Elevating screw covers.....	5.13	10.26

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IV—SECTION 4—Continued.			
<i>Equipments, accessories, and spare parts for 4.7-inch siege carriages, limbers, etc., model of 1906—Continued.</i>			
2	Elevating and traversing lock springs.....	\$0.18	\$0.36
1	Elevating bevel gear, 4.7-inch gun carriage pilot, model of 1904.....	16.09	16.09
1	Elevating gear bracket, 4.7-inch gun carriage pilot, model of 1904.....	69.20	69.20
1	Elevating screw, inner, 4.7-inch gun carriage pilot, model of 1904.....	23.70	23.70
1	Elevating screw, outer, 4.7-inch gun carriage pilot, model of 1904.....	19.50	19.50
1	Firing handle.....	13.00	13.00
1	Firing handle shaft.....	10.16	10.16
16	Filling and drain plugs.....	1.04	16.64
4	Handle return springs.....	.46	1.84
24	Lock washers.....	.76	18.24
8	Lunette bushings.....	7.86	62.88
48	Oil hole spring covers and screws.....	.18	8.64
4	Piston rod nuts.....	3.93	15.72
4	Recoil cylinder latches and pins.....	4.50	20.00
8	Recoil indicators.....	.19	1.52
20	Rings, Garlock's waterproof hydraulic packing, $\frac{3}{8}$ -inch.....	.05	1.00
50	Rivets, assorted.....	.01	.50
4	Shaft return springs.....	.46	1.84
2	Spade edges.....	10.68	21.36
24	Spade edge rivets.....	.01	.24
100	Split pins, assorted.....	.01	1.00
2	Spring covers, No. 1, with screws.....	.05	.10
5	Spring compressors.....	119.00	595.00
1	Spring rod connection.....	14.12	14.12
8	Top shield fastening pins.....	.28	2.24
2	Top shield brace pins with chains.....	4.07	8.14
2	Trip latches.....	2.49	4.98
4	Trip latch springs.....	.14	.56
26	Wheel fastenings, complete.....	3.69	95.94
4	Wheel fastening hasp hinge pins.....	.75	3.00
4	Wheel hooks.....	6.45	25.80
<i>4.7-inch siege limbers and parts.</i>			
4	Siege limbers for 4.7-inch siege material, No. 6 to 9.....	1,200.00	4,800.00
1	Doubletree.....	14.00	14.00
1	Doubletree pivot nut.....	.42	.42
32	Hub caps.....	4.70	150.40
76	Hub liners.....	9.00	684.00
2	Neck yokes.....	9.46	18.92
1	Pole body.....	23.91	23.91
1	Pole prop.....	8.80	8.80
12	Pole pads.....	1.50	18.00
2	Singletrees.....	5.60	11.20
2	Wheel fastening hasps.....	7.82	15.64
<i>Siege limber caissons and parts.</i>			
8	Cartridge hooks.....	2.50	20.00
4	Doubletree pins and nuts.....	1.45	5.80
4	Lunettes.....	8.13	32.52
8	Lunette pins.....	.82	6.56
4	Pintle latches.....	2.96	11.84
8	Pintle-latch springs.....	1.30	10.40
4	Pintle springs.....	1.72	6.88
25	Pole ferrules.....	10.94	273.50
<i>Implements and accessories for 4.7-inch siege material.</i>			
5	Chests for spare sights.....	3.25	16.25
5	Chests, carpenters'.....	57.32	286.60
9	Covers, sponge.....	.45	4.05
8	Covers, rear sight bracket.....	.74	5.92
16	Covers, rear sight shank.....	1.20	19.20
12	Chisels, cold, $\frac{3}{4}$ by 8 inches.....	.62	7.44
12	Drifts, copper, large.....	.72	8.64
12	Drifts, copper, small.....	.36	4.32
2	Funnels, filling, wheel.....	2.06	4.12
40	Lanyards.....	2.68	107.20
37	Pole props.....	8.80	325.60
110	Picket ropes.....	3.72	409.20
4	Pouches, leather, for spare parts.....	3.05	12.20
11	Punches, steel, small.....	.37	4.44
12	Sponges and rammers.....	3.27	65.40
8	Wrenches, filling and drain plug.....	1.65	13.20
8	Wrenches, nut.....	.70	5.60
12	Wrenches, screw slot.....	3.10	37.20

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IV—SECTION 4—Continued.			
<i>Accessories and parts for 5-inch siege guns, carriages, etc.</i>			
25	Gunner's pouches, siege and seacoat	\$4.35	\$108.75
3	Vent drills.....	.37	1.11
14	Vent punches.....	.73	10.22
40	Washers, fiber, for wheels.....	.42	16.80
90	Washers, leather.....	.10	9.00
<i>Equipments, accessories, and parts for 6-inch siege howitzer carriage.</i>			
4	Hub caps.....	5.32	21.28
4	Hub liners.....	9.00	36.00
1	Drift, copper, large.....	.72	.72
1	Drift, copper, small.....	.36	.36
1	Chisel, cold, $\frac{3}{4}$ by 8 inches long.....	.62	.62
1	Sponge cover.....	.49	.49
1	Lanyard.....	2.36	2.36
1	Pouch for spare parts.....	3.05	3.05
1	Punch, small.....	.36	.36
18	Picket ropes.....	3.72	66.96
1	Sponge and rammer, complete.....	29.64	29.64
1	Spring rod with spring-rod head for right cylinder.....	22.00	22.00
1	Tool kit.....	1.88	1.88
1	Spanner for 60-inch wheel (42A).....	6.45	6.45
1	Spanner wrench (42K).....	13.40	13.40
1	Wrench, double.....	12.95	12.95
1	Wrench, internal.....	5.54	5.54
1	Wrench, screw slot.....	3.10	3.10
1	Spanner, double.....	15.00	15.00
<i>Accessories and parts for 7-inch siege guns, carriages, etc.</i>			
16	Nipple caps.....	.80	12.80
64	Oil plugs.....	.36	23.04
14	Vent drills.....	.37	5.18
16	Screw plugs for spring centers.....	.72	11.52
28	Vent punches.....	.73	20.44
80	Washers, fiber, for wheels.....	.42	33.60
180	Washers, leather.....	.10	18.00
<i>Platforms, parts for platform wagon, etc.</i>			
3	Platforms for siege guns.....	174.00	522.00
6	King bolts.....	1.45	8.70
12	Pole bolts.....	.42	5.04
430	Sand bags.....	.71	305.30
32	Tamps, iron.....	1.49	47.68
PART I—CLASS IV—SECTION 6.			
<i>Ammunition for obsolete mobile artillery.</i>			
3,600	Blank cartridges, 1 $\frac{3}{4}$ -pound charge for 12-pounder gun (bags and filling).....	.08	288.00
PART I—CLASS IV—SECTION 8.			
<i>Artillery harness and parts.</i>			
160	Sets harness, lead.....	113.96	18,233.60
1,360	Harness sacks.....	4.58	6,228.80
90	Breast straps.....	1.39	125.10
157	Bridles, curb, near horse.....	3.75	588.75
133	Bridles, curb, off horse.....	5.23	695.59
160	Cinchas, wheel.....	1.69	270.40
180	Collar straps.....	.51	91.80
390	Collar pads.....	2.65	1,033.50
300	Connecting straps.....	.63	189.00
360	Hooks, breast-strap.....	.23	82.80
360	Hooks, side strap, wheel.....	.12	43.20
360	Hooks, collar strap or back strap.....	.11	39.60
650	Lead rein rollers and straps.....	.22	143.00
600	Lead rein rollers without straps.....	.10	60.00
100	Lead rein straps.....	.13	13.00
90	Martingales with cincha straps.....	2.77	249.30
90	Side straps for breeching.....	.71	63.90
5,410	Sureingles.....	.86	4,652.60
966	Traces, wire, lead.....	3.48	3,361.68

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IV—SECTION 8—Continued.			
<i>Artillery harness and parts—Continued.</i>			
2	Traces, wire, lead, black.....	\$3.48	\$6.96
1,534	Traces, wheel, model 1908.....	4.05	6,212.70
2	Traces, wheel, wire, black.....	3.63	7.26
824	Whips.....	2.71	2,233.04
2	Whips, black.....	2.71	5.42
1	Whip, to be provided with modified type of spring hook.....	6.38	6.38
500	Mogul spring loops.....	.06	30.00
500	Loop hooks, ring.....	.17	85.00
500	Locking straps and links.....	.35	175.00
PART I—CLASS V—SECTION 1.			
<i>Parts for observation tower, model of 1908.</i>			
1	Battery commander's telescope bracket.....	15.45	15.45
1	Guy ropes, set.....	3.75	3.75
1	Hook clamp.....	19.15	19.15
1	Panoramic sight bracket.....	15.95	15.95
1	Pole clamp, No. 1.....	22.60	22.60
1	Pole clamp, No. 2.....	27.70	27.70
1	Pole socket with base, complete.....	87.20	87.20
1	Rope ladder.....	10.88	10.88
1	Seat.....	1.50	1.50
1	Seat bracket.....	29.81	29.81
<i>Parts for reel and cart for fire control.</i>			
1	Wireman's staff.....	2.99	2.99
1	Tumbler spring.....	.38	.38
1	Heavy wheel fastener hasp.....	5.32	5.32
563	Pouches for Weldon range finders.....	.67	377.21
1	Base for battery commander's telescope, for model of 1905 instrument.....	21.44	21.44
32	Cases, carrying, for tripods, for battery commander's telescope, model of 1904.....	6.92	221.44
1	Case, sample carrying, for tripod, for battery commander's telescope, model of 1904.....	6.12	6.12
24	Carrying cases for tripods of observation telescopes.....	9.73	233.52
50	Telescope caps for observation telescope, field, model of 1908.....	.55	27.50
1	Leather case and strap for battery commander's ruler.....	.70	.70
PART I—CLASS V—SECTION 3.			
<i>Mobile artillery targets and parts.</i>			
4	Fixed-appearing targets, complete.....	6.55	26.20
1,000	Covers for kneeling silhouettes (A).....	1.22	1,220.00
2,000	Covers for standing silhouettes (B).....	1.61	3,220.00
500	Covers for mounted silhouettes (movable targets).....	2.10	1,050.00
60	Frames for fixed or appearing targets.....	4.18	250.80
8	Bases, pipe.....	2.69	21.52
10	Eyebolts for levers.....	.25	2.50
10	Eyebolts for uprights.....	.22	2.20
9	Levers, pipe.....	.70	6.30
125	Pasters, boxes, target (500 per box).....	.10	12.50
20	Movable target sleds.....	3.30	66.00
24	Uprights, pipe.....	.63	15.12
20	Split pins.....	.01	.20
40	Bent pins.....	.02	.80
74,000	Paper silhouettes D.....M.	8.93	660.82
24,000	Paper silhouettes H.....M.	13.42	322.08
4,000	Paper silhouettes N.....M.	17.39	69.56
5,000	Paper silhouettes N1.....M.	36.61	183.05
4,500	Paper silhouettes O.....M.	40.41	181.85
4,500	Paper silhouettes P.....M.	38.12	171.54
PART I—CLASS VI—SECTION 3.			
25	Powder bags, 50 pounds.....	.26	6.50
PART I—CLASS VII—SECTION 5.			
<i>Hand arms and appendages.</i>			
1	Sheath for bolo.....	1.65	1.65
3,288	Scabbards for hospital corps knives.....	1.62	5 326.56

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IX—SECTION 1.			
<i>Infantry equipments and their components.</i>			
48,763	Adapters for waist belts.....	\$0.03	\$1,462.89
2	Sets blanket roll straps.....	.44	.88
3,000	Blanket bags, khaki, United States Marine Corps.....	1.58	4,740.00
3,500	Blanket bag coat straps, russet, pairs.....	.61	2,135.00
3,500	Blanket bag shoulder straps, russet, pairs.....	.67	2,345.00
10,000	Blanket bag thongs, long.....	.01	100.00
400	Buttons for gunslings.....	.0111	4.44
2,200	Brass wire "D" rings, 3/4-inch.....	.01	22.00
720	Brass wire double hooks.....	C. 1.80	12.96
1,902	Canteens, tin.....	.40	760.80
2,500	Canteens without letters "U. S.".....	.40	1,000.00
2,500	Canteens, khaki, United States Marine Corps.....	.40	1,000.00
1	Canteen, aluminum, infantry, experimental.....		70.82
12	Canteens, infantry, aluminum, experimental.....	Lot.	33.47
1	Canteen with web strap sewed to cover.....	.60	.60
1	Canteen, combination, aluminum.....		60.35
1	Canteen, copper.....		1.78
1,000	Canteen corks and chains.....	.03	30.00
5,620	Canteen covers, duck.....	.11	618.20
23,807	Canteen straps, web.....	.27	6,427.89
28,800	Canteen strap snap hooks.....	.07	2,016.00
1,400	Canteen straps, infantry, black leather.....	.36	504.00
2,818	Canteen-haversack straps.....	.64	1,803.52
44,450	Boxes, cartridge, McKeever, caliber .30.....	1.40	62,230.00
1	Cartridge belt, caliber .45, leather, special.....		4.63
89,000	Cartridge belt fasteners.....	.07	6,230.00
117,453	Cups, aluminum, model 1908.....	.20	23,490.60
48,454	Forks.....	.045	2,180.43
101	Forks, steel, tinned, with aluminum handle.....	.19	19.19
34,685	Gun slings, model 1907.....	.74	25,666.90
10,921	Haversacks, model 1908.....	1.34	14,634.14
3,000	Haversacks, khaki, model 1904, United States Marine Corps, with snap hooks.....	1.21	3,630.00
40	Haversacks, special.....	2.27	90.80
40	do.....	1.84	73.60
5,912	Hooks, snap, haversack.....	.08	472.96
1,773	Hooks, for model 1907 gun sling.....	.03	53.19
1,201	Hooks for first-aid packets.....	.0163	19.58
2,000	Keepers for web belts.....	.14	280.00
2	Kits, Preston, mess.....	Lot.	175.83
24,954	Knives.....	.12	2,994.48
4,013	Loops for 1907 gun slings.....	.06	240.78
3,054	Meat cans.....	.6026	1,840.34
25,700	Meat cans, tin.....	.20	5,140.00
162,159	Pouches for first-aid packets, model 1907.....	.12	19,459.08
1,000	Plates, belt, N. C. O., with hasps.....	.23	230.00
28,954	Spoons.....	.035	1,013.39
19,101	Spoons, aluminum.....	.07	1,337.07
32,300	Waist belts.....	.82	26,486.00
4,000	Web belts, white.....	.075	300.00
119	Waist belts, hospital corps, 36-inch.....	.79	94.01
1,500	Waist belt buckles.....	.06	90.00
12	Bronze wedges for Patterson gun carrier, experimental.....	.16	1.92
5,084	Pieces webbing for attaching "D" rings to haversacks.....	.01	50.84
25	Nelson wire cutters (blued).....		200.00
2	Attachments for cartridge belt for Nelson wire cutter.....		
PART I—CLASS IX—SECTION 2.			
<i>Cavalry equipments and their components.</i>			
3,229	Canteen straps, cavalry.....	.29	936.41
16,638	Cartridge boxes, caliber .38 revolver.....	.59	9,816.42
1	Cover and strap for canteen, cavalry, experimental.....	1.36	1.36
14,223	Holsters, revolver, caliber .38.....	1.25	17,778.75
4	Holsters for Colt's revolver, caliber .45, model 1909.....	1.25	5.00
209	Holsters for Savage automatic pistol, caliber .45.....	1.52	317.68
1	Holster for Luger automatic pistol, caliber .30.....		1.30
126	Holsters, revolver, caliber .45, long barrel.....	1.33	167.58
1	Holster, revolver, pigskin, caliber .45, long barrel.....	1.75	1.75
12	Holsters, revolver, with belt attachments.....	3.65	43.80
10	Buttons, revolver holster.....	.02	.20
500	Thongs for revolver holsters.....	.0867	43.35
99	Lanyards, revolver, for enlisted men.....	.32	31.68
2	Saber belts, complete.....	1.45	2.90
5	Saber belts, complete, black.....	2.70	13.50
88	Saber belts, slides.....	.06	5.28
1	Saber knot.....	.58	.58
4	Saber shields, experimental.....	1.09	4.36
4,902	Spurs.....	.25	1,225.50
4,410	Spur straps.....	.17	749.70

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IX—SECTION 3.			
<i>Artillery equipments and their components.</i>			
2,700	Knapsacks, artillery.....	\$4.33	\$11,691.00
PART I—CLASS IX—SECTION 4.			
<i>Band equipments and their components.</i>			
50	Saber attachments for drum major of mounted band, cavalry.....	.96	48.00
305	Waist belts for bands, artillery.....	1.24	378.20
200	Waist belts, infantry band.....	1.27	254.00
PART I—CLASS IX—SECTION 5.			
<i>Horse equipments and their components.</i>			
2,050	Bridles, curb, complete, model 1909.....	9.05	18,552.50
1	Bridle headstall, model 1909 bridle.....	3.02	3.02
2	Bridle reins for model of 1909 bridle.....	1.40	2.80
228	Bridle headstalls, model of 1909.....	1.75	399.00
228	Bridle reins, model of 1902.....	1.00	228.00
10,820	Bridles, watering.....	1.36	14,715.20
600	Cantles for saddles with rivets.....	.32	192.00
1,190	Chains, halter.....	.67	797.30
3,976	Cinchas, hair.....	1.49	5,924.24
372	Cincha straps.....	.39	145.08
11,000	Coat straps for saddles, cantle.....	.26	2,860.00
11,500	Coat straps for saddles, pommel.....	.22	2,530.00
26	Cruppers, experimental.....	6.48	168.48
266	Curb bits, model 1892.....	1.07	284.62
220	Curb chains and hooks.....	.27	59.40
3,424	Currycombs.....	.54	1,848.96
1	Halter, complete, experimental.....	2.26	2.26
1,658	Halter headstalls.....	2.70	4,476.60
5,035	Halter straps.....	.68	3,423.80
3,422	Horse brushes.....	1.19	4,072.18
1,061	Horse covers.....	3.95	4,190.95
2,075	Horse covers, blanket lined.....	7.74	16,060.50
80	Horse hoods.....	2.38	190.40
750	Lariats.....	.72	540.00
2	Lariat straps.....	.13	.26
4,228	Links.....	.24	1,014.72
1,583	Nosebags, model of 1908.....	1.14	1,804.62
753	Picket pins.....	.39	293.67
600	Pommels, with rivets, for saddles.....	.24	144.00
3,481	Quarter straps, adjustable.....	3.49	12,148.69
790	Quarter straps, self-adjusting.....	3.57	2,820.30
4	Quarter straps, safes, for cavalry saddles.....	.31	1.24
600	Rawhide covers with thongs, cavalry saddles.....	1.96	1,176.00
21	Saber straps.....	.171	3.59
1,117	Saddles, cavalry.....	19.99	22,328.83
1	Saddle, cavalry, with long side bars, open stirrups and sweat leathers.....	21.80	21.80
10	Saddles, special, experimental.....	46.45	35.00
4	Saddles, McClellan, experimental, side bars will be carried 3 inches farther to rear than usual.....		464.60
1	Saddletree, wood, 12-inch, McClellan, covered with leather.....		17.20
1	Saddletree, McClellan, wood, without covering.....		1.85
5,430	Cloths, saddle, for enlisted men.....	2.60	14,118.00
913	Saddlebags, pairs.....	6.97	6,356.64
15	Saddlebags, pommel, special.....	4.22	63.30
1,689	Saddle covers.....	2.46	4,154.94
1	Scabbard, rifle.....	4.10	4.10
4	Scabbards, rifle, experimental.....	4.30	17.20
3,010	Side straps for saddlebags.....	.20	602.00
5,500	Stirrups, hooded.....	.90	4,950.00
11	Stirrups, hooded, with guidon socket.....	1.52	16.72
5,135	Stirrup straps.....	.66	3,389.10
498	Stops, leather, for coat straps.....	1.06	527.88
4,216	Sureingles.....	.86	3,625.76
20	Sets metal trimmings for saddles for enlisted men.....	.71	14.20
15	Sets rifle holders, experimental.....	15.23	228.45
769	Cavalry bridles, model 1906, experimental.....	7.87	6,052.03
150	Bits, curb, model 1906, experimental.....	1.87	280.50
150	Bits, bridoon, model 1906.....	1.29	193.50
3	Brow bands, cavalry bridle, model 1906, experimental.....	.20	.60
6	Brow band ornaments, cavalry bridle, model 1906, experimental.....	.13	.78
50	Buckles, bronzed, ½-inch, metal parts for curb bridles, model 1906, experimental.....	.04	2.00
50	Buckles, bronzed ½-inch, metal parts for curb bridles, model 1906, experimental.....	.04	2.00

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IX—SECTION 5—Continued.			
<i>Horse equipments and their components—Continued.</i>			
450	Buckles, bronzed, $\frac{1}{2}$ -inch, metal parts for curb bridles, model 1906.	\$0.04	\$18.00
6	Crown pieces for curb bridles for cavalry bridle, model 1906, experimental.	.46	2.76
50	Curb chains, model 1906.	.27	13.50
100	Curb hooks, metal parts for curb bridle, model 1906, experimental.	.07	7.00
9	Cheek pieces, for cavalry bridle, model 1906, experimental.	.24	3.06
50	Curb bit thongs for curb bridle, model 1906, experimental.	.01	.50
4	Reins for curb bridle, cavalry, model 1906, experimental.	1.04	4.16
2	Reins for cavalry bridoon bridle, model 1906, experimental.	1.15	2.30
<i>Polo horse equipments and their components.</i>			
618	Saddletrees covered with pigskin and collar leather.	32.84	20,295.12
1,296	Stirrup straps.	1.51	1,956.96
1,256	Stirrups.	1.13	1,419.28
643	Girths, $3\frac{1}{2}$ inches wide.	1.50	964.50
643	Girths, 5 inches wide.	2.21	1,421.03
669	Pairs polo boots.	1.72	1,150.68
669	Breast straps and martingales.	2.53	1,692.57
636	Numnahs.	3.87	2,461.32
619	Nosebands, cavesson.	2.08	1,287.52
30	Stirrup straps for English pigskin saddles.	.78	23.40
60	Felt pads for English pigskin saddles.	2.02	121.20
50	Bids, snaffle, bridoon.	1.41	70.50
<i>Parts for horse equipments.</i>			
11,640	Bridle snaps, watering.	.10	1,164.00
12,900	Brow band ornaments.	.03	387.00
11,825	Foot staples, high.	C. 1.27	150.18
13,025	Foot staples, low.	C. 1.27	165.42
14,325	Foot staples, semicircular.	C. 2.24	320.88
720	Brass wire end hooks.	.01	7.20
1,770	Saddlebag studs.	.02	35.40
17,051	Ovals for saddles.	.02	341.02
950	Ovals for saddlebags.	.02	19.00
2,672	Saddle shields.	.02	53.44
2,000	Snap hooks for lariats.	.045	90.00
5,640	Rings, brass, $1\frac{1}{2}$ inches.	C. 1.45	81.78
3,200	Rings, 4 inches.	.0249	79.68
400	Sets metal trimmings for saddlebags.	.18	72.00
450	Sets metal trimmings for officers' saddles.	.95	427.50
100	Sets metal trimmings for officers' bridles.	.36	36.00
PART I—CLASS IX—SECTION 6.			
<i>Officers' equipments, and their components.</i>			
1	Belt, cartridge, with loops for Colt's revolver, caliber .38, special.		4.27
3	Belts, pairs, shoulder, pigskin, officer's.	3.67	11.01
8	Belts, saber, officer's, pigskin, 30 to 35 inches.	5.00	40.00
120	Cases, dispatch.	11.20	1,344.00
13	Cases, dispatch, pigskin.	14.05	182.65
33	Cases, map, with isinglass front for officers' dispatch case.	3.62	119.46
1	Holster, open, special.		2.13
1	Leggings, puttee, pigskin, pairs.	8.95	8.95
2,429	Spurs, officers'.	.56	1,360.24
2,154	Spur straps, officers'.	.28	603.12
564	Spur straps, black.	.28	157.92
1	Breast strap and martingale, hunting design, special.		6.84
1,200	Bridle headstalls, model 1902.	1.67	2,004.00
1	Bridle headstall, black leather.		3.19
1,251	Bridle reins, model of 1902.	1.11	1,388.61
1	Bridle reins, black leather.		1.22
88	Bridle reins, $\frac{1}{2}$ -inch for double bridle.	.76	66.88
85	Combination halter bridles.	5.52	469.20
1	Combination halter-bridle without curb bit and chain.	3.57	3.57
7	Bridle reins for combination halter-bridle.	1.56	10.92
5	Halter straps for combination halter-bridle.	.56	2.80
1	Crupper.		1.35
1,002	Halter headstalls.	3.50	3,507.00
1,002	Halter straps.	.60	601.20
3	Quarter straps, adjustable.	3.50	10.50
301	Saddles, McClellan.	19.99	6,016.99
13	Saddles, combined McClellan-Whitman.	24.94	324.22
568	Saddles, Whitman.	25.73	14,614.64
1	Saddletree, Whitman, rawhide covered, 12-inch seat.	7.12	7.12

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IX—SECTION 6—Continued.			
<i>Officers' equipments, and their components—Continued.</i>			
1,002	Saddlebags	\$6.97	\$6,983.94
52	Stirrups, white metal, with rubber tread	1.07	55.64
115	Sweat leathers, pairs	1.89	217.35
3	Sweat leathers, pairs, special	3.44	10.32
1	Saddle cloth, dress, general officers, without insignia		8.60
185	Saddle cloths, dress, staff, without insignia	6.76	1,250.60
40	Saddle cloths, Engineer Corps, dress, without insignia	6.00	240.00
500	Saddle cloths, artillery, cavalry, and infantry, dress, with insignia	5.40	2,700.00
583	Saddle cloths, dress, without insignia	5.08	2,961.64
400	Saddle cloths, service, with figures	4.45	1,780.00
1,123	Saddle cloths, service, without insignia	4.13	4,637.99
1	Set yellow leather binding for dress saddle cloth .....		.95
1,406	Saddle cloth figures .....	.05	70.30
<i>Insignia for officers' saddle cloths:</i>			
30	Aid-de-camp to brigadier-general, dress .....	.93	27.90
40	Aid-de-camp to brigadier-general, service .....	.54	21.60
22	Aid-de-camp to major-general, dress .....	.93	20.46
74	Chaplain .....	.42	31.08
4	Coat of arms	2.05	8.20
20	For general staff, dress	1.08	21.60
6	For general staff, service	1.60	9.60
140	Medical department, dress .....	.81	113.40
570	Medical department, service .....	.54	307.80
100	Medical reserve corps, dress .....	.81	81.00
100	Medical reserve corps, service .....	.35	35.00
30	Stars, dress .....	.44	13.20
50	Stars, service .....	.42	21.00
750	Buckles, wire, brass, 3/8-inch, for leggings .....	.02	15.00
12	Buckles, for officers' spur straps .....	.15	1.80
2	Cheek pieces, bridle .....	.40	.80
2	Crown pieces, for curb bridle .....	.44	.88
1	Throat latch, bridle .....	.30	.30
1	Chin strap for halter .....	.20	.20
1	Crown piece for halter .....	.13	.13
1	Nose band for halter .....	.13	.13
90	Halter bolts, bronzed .....	.005	.45
54	Halter squares, adjustable quarter strap .....	.14	7.56
50	Loops, stirrup strap, pairs .....	.07	3.50
6	Marking tags, bronze, bridle .....	.73	4.38
PART I—CLASS X—SECTION 1.			
65	Arm lockers, for caliber .38 revolvers	6.66	432.90
100	Arm lockers, model 1903 rifle	7.70	770.00
10	Post chests for spare parts for revolvers, caliber .38	27.54	275.40
10	Post chests for spare parts, model of 1903 rifle	41.28	412.80
3	Chests, packing, for spare parts for 1,000 arms, model 1903 rifle	2.15	6.45
1	Chest, packing, for spare parts and appendages for 100 arms for model 1903 rifle		2.40
1	Chest, packing, for spare bayonets and appendages for 1,000 arms, model 1903 rifle		2.60
3	Arm racks for revolvers, caliber .38	44.55	133.65
<i>Fencing equipments.</i>			
379	Masks, cavalry	5.66	2,145.14
1,156	Masks, infantry	6.02	6,959.12
347	Plastrons, cavalry	4.26	1,478.22
2,720	Plastrons, infantry	5.29	14,388.80
1,303	Gloves, right-hand	2.71	3,531.13
1,196	Gloves, left hand	2.71	3,241.16
100	Gloves, left hand without cuffs	1.37	137.00
200	Gloves, right-hand, without cuffs	1.37	274.00
1,079	Singlesticks .....	.46	496.34
500	Singlestick blades .....	.13	65.00
200	Saber blades .....	.40	80.00
20	Saber guards .....	.08	1.60
4,000	Covers, leather, for fencing bayonets .....	.8626	3,450.40
<i>Intrenching tools and their carriers.</i>			
8,401	Shovels .....	.50	4,200.50
17,080	Pick mattocks .....	.55	9,394.00
4	Hand-ax helms .....	.31	1.24
3,450	Carriers for hand axes .....	.84	2,898.00
15,980	Carriers for pick mattocks	1.10	17,578.00
38,840	Carriers for shovels .....	.89	34,567.60

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS X—SECTION 1—Continued.			
<i>Insignia and prizes for small-arms gunnery practice.</i>			
3,941	Expert rifleman's badges.....	\$1.21	\$4,768.61
1,059	Expert rifleman's badges, bronze.....	.65	688.35
522	Bars, silver, for expert rifleman's badges.....	.60	313.20
206	Bars, expert rifleman's badges, bronze.....	.45	92.70
20	Distinguished marksman's badges.....	32.39	647.80
38	Distinguished pistol-shot badges.....	26.47	1,005.86
498	Gunner's badges, field artillery.....	.67	333.66
1,836	Gunner's badges, coast artillery.....	.87	1,597.32
10,000	Marksman's pins.....	.45	4,500.00
3,000	Marksman's pins, bronze.....	.16	480.00
1,500	Marksman's pins, pistol.....	.19	285.00
2,000	Marksman's pins, special course "A".....	.50	1,000.00
500	Pistol-expert badges.....	.61	305.00
4,500	Sharpshooter's badges.....	.96	4,320.00
1,000	Sharpshooter's badges, bronze.....	.38	380.00
1,500	Sharpshooter's badges, pistol.....	.34	510.00
735	Bars, silver, for sharpshooter's badges.....	.48	352.80
102	Bars for sharpshooter's badges, bronze.....	.39	39.78
PART I—CLASS X—SECTION 5.			
<i>Marking, stencil, and etching outfits.</i>			
1	Stamping outfit, special.....		80.00
268	Stencil outfits.....	2.13	570.84
221	Stencil plates, canteen.....	.25	55.25
34	Stencil plates, haversack.....	.75	25.50
65	Stencils, Ordnance Department insignia.....	.17	11.05
1	Stencil plate, headquarters property stencil.....		.63
3	Stencil plates: "Machine Gun Platoon".....	1.25	3.75
1	Stencil plate: "School of Musketry".....		1.13
10	Stencils, Nos. 0 to 9, for numbering guns 8-inch caliber and larger.....	.09	.90
3	Stencil plates "letters".....	.05	.15
1,100	Boxes stencil paste.....	.10	110.00
101	Marking outfits.....	6.20	626.20
50	Ink pads for marking outfits.....	.15	7.50
12	Inking sticks for marking outfits.....	.06	.72
4	Figures for marking outfits.....	.03	.12
1	Letters, sets, A to M.....		.96
4	Stamps, militia, marking outfits.....	1.31	5.24
3	Stamps, assembled for marking outfits.....	1.72	5.16
10	Stamps, band.....	.65	6.50
6	Stamps, N. C. S.....	.65	3.90
17	Stencils, sets, Nos. 0 to 9, marking outfits.....	.30	5.10
	For etching outfit:		
1	Bottle acid.....		.23
4	Blotters..... lot.....	.01	.01
240	Stencils..... lot.....	2.71	2.71
PART I—CLASS X—SECTION 6.			
300	Targets, sliding, 6 by 6 feet.....	35.94	10,782.00
80	Targets, sliding, 6 by 12 feet.....	45.65	3,652.00
	Parts for sliding targets:		
42	Braces.....	.47	19.74
99	Braces, for frame supports.....	.13	12.87
15	Carriages, 6 by 6 feet.....	2.82	42.30
850	Clamps, sash cord.....	.29	246.50
36	Cross sills.....	.60	21.60
24	Diagonals, 6 by 6 feet.....	.23	5.52
32	End posts.....	.43	13.76
12	Eyebolts.....	.30	3.60
300	Frames, 6 by 6 feet.....	1.34	402.00
80	Hooks, fastening.....	.25	20.00
60	Plates, bottom.....	.40	24.00
50	Pulleys and fittings.....	1.16	58.00
36	Rails, 6 by 6 feet.....	.41	14.76
6	Rods, slide.....	1.36	8.16
50	Rollers.....	.55	27.50
100	Roller brackets.....	.21	21.00
1,500	Sash-cord pieces, sliding.....	1.95	292.00
	Parts for Laidley targets:		
60	Axle blocks.....	.38	22.80
60	Corner braces, frames, horizontal.....	.21	12.60
11	Lever blocks.....	.85	9.35
2	Pulleys.....	.30	.60
140	Wedges, large.....	.03	4.20

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS X—SECTION 7.			
<i>Paper targets, skirmish targets, silhouettes, etc.</i>			
50,000	Targets, paper A, model 1903.....	\$0.05	\$2,500.00
50,300	Targets, paper A1.....	.06	3,018.00
27,300	Targets, paper B.....	.05	1,365.00
25,300	Targets, paper C, model 1903.....	.09	2,277.00
35,000	Targets, paper X, model 1903.....	1.70M	59.50
8,500	Targets, paper, group G, 1903.....	.0512	435.20
500	Targets, paper to be one-fourth size army A target.....	.016	8.00
5,000	Centers for paper targets C 1903.....	.08	400.00
6,000	Silhouettes D, cloth.....	.20	1,200.00
9,000	Silhouettes E cloth.....	.11	990.00
150	Silhouettes, cloth board D1, black.....	.27	40.50
150	Silhouettes, cloth board D1, O. D.....	.27	40.50
150	Silhouettes, cloth board, E1, black.....	.18	27.00
150	Silhouettes, cloth board, E1, O. D.....	.18	27.00
18,168	Pasters, black, boxes.....	.06	1,090.08
4,000	Pasters, black, in tin boxes.....	.14	560.00
33,650	Pasters, white, boxes.....	.055	1,850.75
2,000	Pasters, white, in tin boxes.....	.13	260.00
1,400	Frames, light interior, 6 by 6 feet.....	1.28	1,792.00
1,017	Frames, target, light interior, 4 by 6 feet.....	1.16	1,179.72
20	Bottom pieces, skirmish target frames, D.....	.30	6.00
20	Bottom pieces, skirmish target frames, E.....	.30	6.00
450	Targets, gallery practice, 50-foot range.....	4.11	1,849.50
1	Target, for sight drill.....		111.70
<i>Accessories for small-arms target practice.</i>			
500	Flags, danger.....	.83	415.00
500	Flags, ricochet.....	.74	370.00
566	Flags, streamer, without halyards.....	6.10	3,452.60
800	Marking disks and staves, short range.....	.76	608.00
200	Marking disks and staves, middle range.....	1.18	236.00
309	Marking disks and staves with Nos. 2, 3, 4, 5.....	.82	253.38
309	Marking disks and staves with Nos. 6, 7, 8, and 9.....	.82	253.38
371	Marking disks and staves, short range, Nos. 2 to 9 for pistol.....	1.51	560.21
10	Sets marking disks, short range.....	.43	4.30
25	Sets marking disks, middle range.....	.85	21.25
11	Sets marking disks, long range.....	1.34	14.74
100	Staves, spare, for marking disks, short range.....	.34	34.00
198	Staves, spare, for marking disks, middle range.....	.35	69.30
200	Marking rods, disks, and brushes, sets.....	.70	140.00
<i>Blacksmiths' tools.</i>			
32	Aprons, leather.....	1.64	52.48
2	Bags, nail, canvas.....	.67	1.34
32	Boxes, shoeing, leather.....	1.71	54.72
50	Chisels, cold, hand.....	.30	15.00
105	Clinch cutters.....	1.68	176.40
225	Drills, flat, $\frac{1}{2}$ -inch, $\frac{3}{8}$ -inch, and $\frac{1}{2}$ -inch.....	.44	99.00
80	Forges and bellows.....	33.46	2,676.80
22	Fore punches and creasers, handled.....	2.83	62.26
20	Hammers, sledge, 11-pound.....	.62	12.40
160	Handles, file, aluminum, 5-inch, flat.....	.31	49.60
122	Irons, clinching.....	.76	92.72
22	Knives, toe.....	.72	15.84
97	Pritchels.....	.59	57.23
97	Punches, nail.....	.25	24.25
45	Punches, round.....	.65	29.25
10	Punches, square, hand.....	.56	5.60
22	Rakes, fire.....	.33	7.26
60	Rivet sets, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$, and $\frac{1}{2}$.....	.48	28.80
22	Shovels, fire.....	1.57	34.54
50	Wrenches, forge.....	.78	39.00
<i>Saddlers' tools.</i>			
325	Bags, canvas, small stores.....	.83	269.75
2	Thread bags.....	.31	.62
2	Tack bags.....	.30	.60
1	Bag, leather, for wax.....		.89
150	Cases, leather, needle.....	.16	24.00
11	Sewing palms, 3-inch.....	.68	7.48
76	Stitching clamps.....	1.43	108.68
6	Stitching horses, saddlers.....	8.79	52.74

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Rock Island Arsenal, Rock Island, Ill.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS X—SECTION 7—Continued.			
<i>Carpenters' tools.</i>			
10	Plates, auger handle.....	\$0.31	\$3.10
50	Brass wire double hooks, round loops, for shelter-tent guy ropes.....	.04	2.00
2	Rings, brass, $\frac{1}{4}$ inch, bronzed.....	.03	.06
48	Rings, $1\frac{1}{2}$ inches, bronzed.....	.04	1.92
9,000	Buckles, bar, $\frac{1}{2}$ inch.....	.04	360.00
1,973	Bar buckles, $\frac{1}{2}$ inch.....	.04	78.92
1,585	Buckles, $\frac{3}{4}$ inch, Saabach.....	.035	55.48
5,598	Buckles, brass wire, $\frac{1}{2}$ inch.....	C. 1.27	71.09
1,093	Buckles, $\frac{3}{4}$ -inch bar.....	.04	43.72
<i>Cleaning and preserving supplies.</i>			
1	Cleaning material box, complete, experimental.....		61.58
1	do.....		99.46
150	Company chests for cleaning material without contents, infantry.....	1.80	270.00
2,944	Button brushes.....	.29	853.76
6,480	Button sticks.....	.10	648.00
2,120	Boxes whitening.....	.135	286.20
920	Cleaning plates.....	.08	73.60
4,907	Boxes, russet leather dressing.....	.28	1,373.96
1,877	Boxes scouring material.....	.27	506.79
<i>Paints, etc.</i>			
1,600	Paint, pounds, black, quick drying, in 5-pound cans.....	.24	384.00
470	Paint, pounds, brown, for steel horse collars, in 2-pound cans.....	.21	98.70
2,600	Paint, pounds, olive drab, first coat, in 5-pound cans.....	.12	312.00
7,150	Paint, pounds, olive drab, second coat, in 5-pound cans.....	.14	1,001.00
7,655	Paint, pounds, olive drab, third coat, in 5-pound cans.....	.115	880.33
50	Paint, pounds, red, 5-pound cans.....	.09	4.50
265	Paint, pounds, white, quick drying, 5-pound cans.....	.12	31.80
75	Paint, cans, blue, $\frac{1}{2}$ pound, each.....	.13	9.75
75	Paint, cans, vermilion, $\frac{1}{2}$ pound each.....	.18	13.50
75	Paint, cans, white, $\frac{1}{2}$ pound each.....	.14	10.50
<i>Miscellaneous articles.</i>			
500	Cans, empty, 1 pint, for sperm oil.....	.13	65.00
500	Cans, empty, 1 pint, for linseed oil.....	.14	70.00
1,000	Cans, empty, 1 quart, for cosmic.....	.15	150.00
1,964	Cans for oils, assorted.....	.183	359.41
1	Tin can, 2 pounds.....		.44
1	Aluminum can with compartments, 1 for salt and 1 for pepper.....	Lot.	48.68
1	Aluminum can with top or slide for sugar.....		
100	Boxes, packing, knock-down, No. 3.....	2.39	239.00
50	Boxes, packing, knock-down, No. 5.....	1.20	60.00
1	Display case for infantry, cavalry, and horse equipment.....		196.17
1	Chest for officers' horse equipment.....		16.03
1	Field desk.....		115.51
2	Wheels for Laidley sling wagon.....	lot.	96.22
1	Steel stamp, $\frac{1}{4}$ -inch letters, bearing inscription "A-13-1".....		6.00
<i>Test tools.</i>			
4	Sets of test tools consisting of:		
	4 brake shaft bushings, No. 1, 3-inch caisson, 1902.....	lot.	
	4 brake shaft bearings, No. 8, 3-inch caisson.....	lot.	
	4 brake segment bushings, No. 31, 3-inch caisson, 1902.....	lot.	
	4 brake segment brackets, No. 14, 3-inch caisson, 1902.....	lot.	
2	Sets test tools, complete for 6-inch howitzer carriage, model 1908.....		14,442.22
1	Set test tools consisting of:		
	1 drill jig for apron, 6-inch howitzer carriage, model 1908.....	lot.	
	1 drill jig for top shield, 6-inch howitzer carriage, model 1908.....	lot.	
	1 drill jig for main shield, 6-inch siege howitzer carriage, model 1908.....	lot.	
1	Set test tools for 4.7-inch siege carriage, model 1906.....	set.	7,494.38
	Total.....		1,276,129.11

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.

Number.	Article.	Price.	Amount.
PART I—CLASS I—SECTION 1.			
1	Set bore sights for 6-inch gun, model of 1903.....each..	\$8.65	\$8.65
1	Set bore sights for 8-inch gun, model of 1888.....do....	9.25	9.25
1	Set bore sights (breech only) for 12-inch gun, model of 1905...do....	9.25	9.25
PART I—CLASS I—SECTION 2.			
1	Front night sight, complete, for 3-inch (15-pounder) gun, model of 1902, on barrette carriage.....each.....	30.75	30.75
2	Bore sights, complete, for 3-inch (15-pounder) gun, model of 1903.....each.....	8.00	16.00
1	Upright blade for front sight of 4.72-inch gun, Armstrong.....do....	10.10	10.10
1	Bore sight for 6-inch gun, Armstrong.....do....	8.95	8.95
PART I—CLASS I—SECTION 3.			
1	Bore sight for 12-inch mortar, model of 1886-1890 MI.....each..	10.25	10.25
93	Elevation quadrants, model of 1906, for 8, 10, and 12-inch mortar carriages.....each.....	42.00	3,906.00
2	Screws to fasten elevation quadrants to mortar.....do....	.67	1.34
2	Jigs for locating quadrant to 12-inch mortar carriage.....do....	113.50	227.00
PART I—CLASS I—SECTION 4.			
30	Subcaliber cartridge and drill cartridge kits for 3-inch (15-pounder) gun, model of 1903.....each.....	79.75	2,392.50
30	Subcaliber cartridge and drill cartridge kits for 3-inch (15-pounder) guns, models of 1898 and 1902.....each.....	75.00	2,250.00
For subcaliber cartridges for 3-inch (15-pounder) guns:			
140	Extractor springs.....do....	.30	42.00
140	Extractor-spring screws.....do....	.19	26.60
For subcaliber cartridges, seacoast guns:			
270	Extractor springs.....each.....	.17	45.90
270	Extractor-spring screws.....do....	.08	21.60
10	Subcaliber cartridge and drill cartridge kits for 2.24-inch (6-pounder) guns.....each.....	45.85	458.50
PART I—CLASS I—SECTION 8.			
54	2-inch telescopic sights.....each.....	430.45	23,244.30
43	Lamp brackets, with dimmers, complete, for 2-inch telescopic sights, model of 1906.....each.....	6.80	292.40
184	Lamp brackets, with dimmers, complete, for 3-inch telescopic sights, model of 1904.....each.....	7.70	1,416.80
1	Objective shutter for 3-inch telescopic sight, model of 1904.....do....	8.85	8.85
For 3-inch telescopic-sight cradle:			
1	Deflection scale.....do....	6.70	6.70
6	Fillister head screws.....do....	.20	1.20
10	Dew caps for telescopic sights, model of 1898.....do....	.27	2.70
50	Screws for same.....do....	.03	1.50
6	Springs for sight retainers for telescopic sights, model of 1898.....do....	.36	2.16
1	Closing screw, telescope level holder, for telescopic sight, model of 1898 M.....each.....	1.32	1.32
1	Horn scale, interior, for telescopic sight, model of 1899, type A, each.....	3.45	3.45
4	Carrying straps for case of telescopic sight, model of 1899.....each..	.25	1.00
4	Sight arms for 3-inch sights, model of 1904, for 10-inch disappearing carriage, L. H., model of 1901.....each.....	168.50	674.00
PART I—CLASS II—SECTION 1.			
8	Submarine plotting boards.....each.....	245.70	1,965.60
1	Name plate for submarine plotting board.....do....	1.00	1.00
1	Coupler for submarine plotting board.....do....	2.50	2.50
1	Main azimuth circle strip for submarine plotting board.....do....	3.80	3.80
29	Whistler-Hearn plotting boards, model of 1904.....each.....	405.15	11,720.35
Parts of plotting boards:			
5	Couplers.....do....	1.60	8.00
10	Canvas covers.....do....	1.40	14.00
22	Index boxes.....do....	14.00	308.00
3	Gun arms.....do....	14.47	43.41
3	Primary arms.....do....	9.18	27.54
3	Secondary arms.....do....	8.10	24.30
1	Secondary arm, steel, special.....do....	15.00	15.00
1	Auxiliary arm, steel, special.....do....	11.85	11.85
100	Subdial indicators.....per 100.....	7.55	7.55
3	Strips for main azimuth circle.....each.....	4.95	14.85
25	Strips for main azimuth circle, not stamped.....do....	.14	3.50
1	Strip for gun-arm azimuth circle.....do....	2.70	2.70
25	Strips for gun-arm azimuth circle, not stamped.....do....	.14	3.50

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS II—SECTION 1—Continued.			
Parts of plotting boards—Continued.			
55	Locking levers and springs	each \$0.76	\$19.00
150	Locking-lever springs	per 100 15.65	23.48
50	Locking-lever studs	do. 2.40	1.20
50	Azimuth subdial indicator screws	each .03	1.50
3	Travel scale pointers	do. .16	.48
10	Mortar-arm azimuth gear tally pinions	do. 1.35	13.50
10	Mortar-arm azimuth gear dial pinions	do. 2.86	28.60
10	Shoes for gun-arm clamp	do. .19	1.90
15	Locking studs, complete	do. 1.08	16.20
150	Dial-box screws	per 100 2.45	3.68
30	Zone-scale clamp slide nuts	each .16	4.80
30	Zone-scale clamp slides	do. .35	10.50
100	Pivot keys	do. .08	8.00
200	Index-box adjusting screws	per 100 2.70	5.40
100	Guard adjusting set screws	do. 4.31	4.31
100	Tally indicators	do. 7.55	7.55
150	Worm guard screws	per 100 3.24	4.86
150	Worm stand screws	do. 3.24	4.86
150	Worm index screws	do. 3.24	4.86
150	Longitudinal adjusting vernier screws	do. 3.24	4.86
150	Tally indicator screws	do. 3.24	4.86
150	Gun-arm azimuth subdial locking screws	do. 3.24	4.86
100	Index pointers	do. 5.39	5.39
150	Base line vernier screws	do. 5.38	8.07
150	End piece main azimuth strip screws	do. 3.24	4.86
150	Azimuth tally subdial screws	do. 3.24	4.86
150	Tally subdial pointer screws	do. 3.24	4.86
150	Tally pointer screws	do. 3.24	4.86
50	Tally subdial pointers	do. 8.60	4.30
50	Tally pointers	do. 8.60	4.30
50	Coupler clips	do. 16.15	8.08
50	Pin wrenches	do. 5.40	2.70
150	Index dial screws	do. 5.38	8.07
150	Locking plate screws	do. 3.24	4.86
25	Gun-arm clamps	each .65	16.25
52	Adjusting screws for index boxes	do. .04	2.08
51	Base line screws	do. .08	4.08
325	Latch stop springs	per 100 2.35	7.64
10	Spanner wrenches	each .27	2.70
30	Screw-drivers	do. .28	8.40
20	Steel pointers for travel scale	do. .08	1.60
100	Reference strip screws	per 100 4.30	4.30
100	Zone scale to range scale screw	do. 4.30	4.30
100	Mortar-arm stud to range scale screw	do. 4.30	4.30
5	Mortar plotting boards, model of 1906	each 390.65	1,953.25
1	Mortar plotting board, experimental, Capt. Le Vert Coleman design	each 720.00	720.00
Parts of mortar plotting boards:			
1	Coupler	do. 1.67	1.67
1	Mortar arm	do. 23.11	23.11
1	Strip for mortar arm azimuth circle	do. 1.65	1.65
1	Dial pinion	do. 1.20	1.20
1	Dial box intermediate gear	do. 1.60	1.60
1	Mortar-arm azimuth gear dial pinion	do. 2.60	2.60
1	Index pinion	do. .65	.65
12	Sets (3 to a set) taps	set 2.26	27.12
43	Deflection boards for guns, model of 1905	each 96.50	4,149.50
Parts of deflection boards for guns:			
145	Wind scales	do. 3.00	435.00
149	Range time scales	do. 2.38	135.66
149	Drift scales	do. 3.24	184.68
124	Range time scales for subcaliber projectiles, 2,000 foot-seconds, muzzle velocity	each 2.38	295.12
144	Drift scales for subcaliber projectiles, 2,000 foot-seconds, muzzle velocity	each 3.24	466.56
53	Range time scales for subcaliber projectiles, 2,100 foot-seconds, muzzle velocity	each 2.38	126.14
53	Drift scales for subcaliber projectiles, 2,100 foot-seconds, muzzle velocity	each 3.24	171.72
1	Leaf	do. 5.30	5.30
100	Flathead screws	per 100 4.30	4.30
100	Screws for drift slide	do. 4.85	4.85
20	Wing screws for time-range scale	each .22	4.40
6	Deflection boards, model of 1906, for 12-inch mortars	155.90	935.40
Parts of deflection boards, model of 1906 (for 12-inch mortars):			
2	Deflection scales	each 4.05	8.10
49	Name plates with screws	do. .70	34.30
144	Drift scale slides	do. 4.94	711.36
48	Stops for drift scale slides	do. .32	15.36

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.—Continued.

Number.	Article.	Price.	Amount.	
PART I—CLASS II—SECTION 1—Continued.				
33	Pratt range boards, model of 1905.....	each..	\$75.70	\$2,498.10
	Parts of Pratt range boards, model of 1905:			
20	Trammels.....	do.....	.54	10.80
20	Trammels for upper reading.....	do.....	.54	10.80
20	Trammels for lower reading.....	do.....	.54	10.80
20	Counterweight chains.....	do.....	.32	6.40
20	Clamping screws.....	do.....	.33	6.60
850	Screws.....	per 100.....	3.24	27.54
2	Rods for canvas.....	each.....	2.68	5.36
50	Centering studs, in chart mount, for twine.....	per 100.....	5.40	2.70
1	Fire commanders' plotting board.....	each.....	657.10	657.10
50	Range correction dial pointer screws for fire commanders' plotting board.....	per 100.....	4.30	2.15
1	Range-finding device, experimental, Capt. H. J. Hatch, Coast Artillery Corps design.....	each.....	158.20	158.20
239	Time range boards, model of 1908.....	do.....	29.20	6,978.80
28	Wind component indicators.....	do.....	33.05	925.40
	Parts of wind component indicators:			
40	Dial clamping screws.....	do.....	.16	6.40
50	Clamping screws for target arms.....	do.....	.10	5.00
100	Bracket screws.....	per 100.....	6.46	6.46
150	Target arm screws.....	do.....	3.60	5.40
150	Plate screws.....	do.....	3.60	5.40
50	Pivot screws.....	do.....	8.62	4.31
2	Harbor chart scale arms.....	each.....	4.65	9.30
1	Male center screw for difference chart scale arm.....	do.....	.65	.65
1	Pivot and socket for 24-inch scale arm.....	do.....	1.32	1.32
33	Prediction scales.....	do.....	5.40	178.20
75	Mine prediction rulers.....	do.....	5.07	380.25
34	Set forward rulers.....	do.....	5.70	193.80
	Parts of Swasey depression position finder:			
1	Lens for eyepiece.....	do.....	2.90	2.90
1	Safety catch.....	do.....	.70	.70
6	Filler strips for range drum lamp brackets.....	do.....	.69	4.14
1	Level scale.....	do.....	3.35	3.35
22	Sets of parts for improving the illumination.....	do.....	20.92	460.24
50	Contact brushes.....	do.....	.34	17.00
1	Upper contact ring, complete, with screws.....	do.....	1.20	1.20
13	Column cables.....	do.....	.45	5.85
36	Azimuth-drum lamp brackets.....	do.....	3.38	121.68
2	Range-drum lamp brackets.....	do.....	3.35	6.70
1	Range-drum lamp-bracket cover.....	do.....	1.35	1.35
3	Glasses for range drum.....	do.....	.32	.96
1	Azimuth-circle lamp-bracket screw.....	do.....	.55	.55
6	Micrometer lamp-bracket screws.....	do.....	.05	.30
1	Set screws for range-drum cover.....	do.....	1.18	1.18
3	Eye end detaching screws.....	do.....	.27	.81
12	Screws for range drum lamp bracket.....	do.....	.07	.84
150	Prism-holder screws.....	per 100.....	4.30	6.45
150	Worm-box spring screws.....	do.....	4.30	6.45
150	Micrometer-box screws.....	do.....	4.30	6.45
150	Lamp-bracket screws.....	do.....	4.30	6.45
100	Objective-ring screws.....	do.....	4.31	4.31
150	Collimating screws.....	do.....	2.88	4.32
100	Short worm-box cap screws.....	do.....	4.31	4.31
4	Sets taps and dies for screws.....	each.....	16.17	64.68
20	Sets adjusting pins.....	do.....	1.62	32.40
1	Adjusting pin for capstan head screws.....	do.....	.37	.37
12	Worm-box springs.....	do.....	.81	16.20
20	Rivets for range drum lamp brackets.....	do.....	.02	.24
	Parts of Lewis depression position finder:			
31	Sets electrical equipment for illuminating.....	each.....	37.60	1,165.60
10	Glass cover for azimuth dial.....	do.....	.40	.40
1	Beveled mirrors for illuminating cross hairs.....	do.....	.69	6.90
1	Binding post.....	do.....	.58	.58
1	Binding-post screw.....	do.....	.41	.41
100	Cross-wire lamp-bracket screws.....	per 100.....	2.50	2.50
4	Screws for securing the tide scales to the telescope.....	each.....	.40	1.60
2	Eyepiece set screws.....	do.....	1.13	2.26
24	Screw-drivers.....	do.....	.58	13.92
12	Teat wrenches.....	do.....	.90	10.80
20	Pin wrenches.....	do.....	.38	7.60
20	Do.....	do.....	.11	2.20
2	Keys for locks—1 for telescope and 1 for implement chest.....	do.....	.88	1.76
1	Tripod stand, with scale bar for use in testing depression position finders.....	do.....	150.50	150.50
6	Hagood tripod mounts, with tripods.....	each.....	37.35	224.10
2	Tripods for Hagood tripod mounts, with plumb bobs.....	do.....	12.78	25.56

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS II—SECTION 1—Continued.			
Parts of Swasey azimuth instrument:			
25	Pier mounts.....each	\$2.85	\$71.25
20	Lighting cables, without lamps or holders.....do	1.08	21.60
7	Sets wiring, without connections.....do	1.95	13.65
21	Tripod legs.....do	1.35	28.35
10	Plumb bobs.....do	.45	4.50
50	Plumb-bob chains.....do	.11	5.50
45	Pin wrenches.....do	.10	4.50
20	Screw-drivers.....do	.43	8.60
12	Screw-driver handles.....do	.18	2.16
100	Index screws.....per 100	5.39	5.39
100	Stud screws.....do	6.47	6.47
150	Worm-box adjusting screws.....do	5.38	8.07
150	Worm-adjusting screws.....do	6.46	9.69
50	Tripod thumbscrews.....do	16.15	8.08
150	Level-adjusting screws.....do	4.30	6.45
150	Objective cap screws.....do	3.24	4.86
30	Azimuth slow-motion screws.....do	21.60	6.48
6	Binding-post screws for push button.....each	.22	1.32
150	Azimuth circle lamp-bracket screws.....per 100	3.60	5.40
150	Switch-block screws.....do	3.24	4.86
150	Push-button screws.....do	3.24	4.86
100	Screws for cross-wire lamp bracket.....do	5.39	5.39
100	Cross-wire adjusting screws.....do	3.50	3.50
2	Springs for cross-wire adjusting screws.....each	.18	.36
50	Driving pins.....per 100	4.30	2.15
50	Worm-box springs.....each	.43	21.50
PART I—CLASS II—SECTION 6.			
Dummy base detonating fuzes:			
10	Major caliber.....each	1.00	10.00
60	Medium caliber.....do	.92	55.20
54	Base percussion fuzes, medium and major caliber, sectionalized.....each	3.00	162.00
3	Base percussion fuzes, high C, sectionalized.....do	1.55	4.65
2	Obturbating combination, electric friction primers, sectionalized.....each	2.16	4.32
1	Percussion primer, 20-grain, saluting, sectionalized.....do	2.00	2.00
1	Igniting primer, 110-grain, sectionalized.....do	2.15	2.15
PART I—CLASS II—SECTION 7.			
Components of resizing and reloading outfit for drill primer:			
10	Maximum gauges for length of wire under button.....each	.36	3.60
25	Pushpins.....do	.25	6.25
10	Resizing dies.....do	1.70	17.00
50	Cleaning taps for button wire.....do	.50	12.50
1	Wrench for inserting base detonating fuze, major caliber, in projectile.....each	5.66	5.66
1	Wrench for inserting the rear closing screws in base detonating fuzes.....each	1.30	1.30
1	Wrench for inserting fuzes with 0.1 delay action primer in projectile.....each	1.80	1.80
Wrenches for base detonating fuzes:			
1	Set minor caliber.....do	13.00	13.00
1	Set medium caliber.....do	12.00	12.00
1	Set major caliber.....do	11.00	11.00
Components for reloading and cleaning outfit for coast artillery:			
5	Chests.....each	21.45	107.25
11	Large case holders.....do	3.68	40.48
23	Small case holders.....do	2.43	55.89
20	Case-holder stands.....do	3.88	77.60
21	Decapping tools, 17.9 inches long.....do	3.54	74.34
98	Decapping tools, 32 inches long.....do	3.54	346.92
38	Hammers.....do	1.00	38.00
5	Primer-inserting presses, large.....do	26.75	133.75
10	Bushings for 15-pounder gun, models of 1898 and 1902.....do	5.35	53.50
10	Bushings for 15-pounder gun, model of 1903.....do	6.95	69.50
11	Bushings for 4.72-inch Armstrong guns, 40, 45, and 50 calibers.....each	4.95	54.45
20	Saluting-powder measures for 1-pounder subcaliber guns.....do	.46	9.20
1	Fixture for disassembling ammunition for 2.24-inch 6-pounder guns, all models, and 2.38-inch field rifle, experimental.....each	44.10	44.10
15	Small primer-inserting presses for 3-inch saluting gun.....do	29.10	436.50
2	Horizontal resizing presses for cartridge cases for 3-inch saluting gun.....each	161.20	322.40
1	Case-holder plate for 2.24-inch 6-pounder gun.....do	8.50	8.50

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS II—SECTION 7—Continued.			
Pressure-gauge outfits:			
25	Major caliber, complete..... each	\$36.97	\$924.25
25	Medium caliber, complete..... do	37.97	949.25
5	Minor caliber, complete..... do	34.90	174.50
Components of pressure-gauge outfits:			
1	Chest for pressure-gauge outfit, medium caliber..... each	5.75	5.75
2	Chests for pressure-gauge outfit, major caliber..... do	5.75	11.50
55	Major caliber pressure gauges..... do	8.50	467.50
100	Medium caliber pressure gauges..... do	7.00	700.00
11	Pistons for major caliber pressure gauges..... do	2.36	25.96
2	Pistons for minor caliber pressure gauges..... do	3.43	6.86
27,590	Cannon gas checks..... per M.	1.80	49.66
54,550	Cannon pressure cylinders..... do	14.35	782.79
30	Cylinder holders, for gauges, major caliber..... each	.70	21.00
2,500	Washers for major caliber..... per M.	6.70	16.75
2,500	Washers for medium caliber..... do	4.65	11.63
15,000	Small-arms gas checks for minor caliber..... do	.70	10.50
1	Spanner wrench for $\frac{1}{2}$ -inch micrometer caliper, No. 4 B. & S., each.....	.70	.70
20	Kits, tools, and fixtures for optical repair work, seacoast artillery, each.....	154.60	3,092.00
PART I—CLASS III—SECTION 1.			
3	Base covers for 10-inch projectiles..... each	.30	.90
35	Base covers for 8-inch projectiles..... do	.20	7.00
PART I—CLASS III—SECTION 2.			
2,865	Rounds fixed ammunition, high-explosive steel shell, for 3-inch (15-pounder) guns, models of 1898 and 1902..... each	14.00	40,152.00
1,316	Rounds fixed ammunition, high-explosive steel shell, for 3-inch (15-pounder) guns, model of 1903..... each	15.17	19,963.72
38	Rounds fixed ammunition, cast-iron shot, for 4-inch gun, Driggs-Schroeder..... each	11.69	444.22
483	Rounds fixed ammunition, shot, sand filled, for 3-inch (15-pounder) guns, model of 1903..... each	9.17	4,429.11
370	Rounds fixed ammunition, cast-iron shell, sand filled, for 3-inch (15-pounder) guns, model of 1903..... each	9.17	3,392.90
3	Rounds fixed ammunition, shot, for 3-inch (15-pounder) guns, model of 1902..... each	8.00	24.00
1,658	Rounds fixed ammunition, cast-iron shell, sand filled, for 3-inch (15-pounder) guns, models of 1898 and 1902..... each	8.00	13,264.00
819	Rounds fixed blank ammunition for 3-inch saluting gun, utilizing fired cartridge cases, not packed..... each	.38	311.22
6,529	Cartridge cases for 3-inch (15-pounder) guns, model of 1903..... do	3.35	21,872.15
400	Cartridge cases, saluting, for 3-inch rapid-fire gun, model of 1903, each.....	1.11	444.00
3,012	Cartridge cases for 3-inch saluting guns..... each	.69	2,078.28
120,550	Felt wads for cartridge cases for 3-inch saluting guns..... per M.	10.05	1,211.53
5,100	Felt wads for saluting cases for 3-inch (15-pounder) guns, model of 1903..... per M.	19.50	99.45
2,000	Felt wads for cartridge cases for 4.72-inch gun, Armstrong, 50 calibers..... per M.	46.55	93.10
42	Base covers for 5-inch projectiles..... each	.08	3.36
653	Base covers for 6-inch projectiles..... do	.10	65.30
1,466	Lubricators for 4.72-inch Armstrong service cartridge cases..... do	.49	718.34
923	Lubricators for 6-inch Armstrong service cartridge cases..... do	.57	526.11
20	Copper bands, service scarf joint, for 6-inch cast-iron rifle shell..... do	.83	16.60
PART I—CLASS III—SECTION 3.			
25,200	Rounds fixed ammunition, steel shell, empty, for 1-pounder sub-caliber gun..... each	1.00	25,200.00
4,612	Rounds fixed ammunition, shot, for 2.95-inch subcaliber gun..... do	2.85	13,144.20
1,149	Rounds fixed ammunition, cast-iron shell, empty, for 2.95-inch sub-caliber gun..... each	2.85	3,274.65
4,993	Cartridge cases for 1.457-inch (1-pounder) subcaliber gun..... do	.18	898.74
4,997	Cartridge cases for 2.95-inch subcaliber gun..... do	.59	2,948.23
10,000	Felt wads for cartridge cases, for 2.95-inch subcaliber gun..... per M.	13.80	138.00
PART I—CLASS III—SECTION 6.			
114	Fuzes, base detonating, major caliber..... each	4.30	490.20
27,144	Fuzes, base detonating, medium caliber..... do	3.30	89,575.20
2,408	Fuzes, base detonating, minor caliber..... do	2.00	4,816.00
20	Fuzes, base percussion, medium and major caliber, centrifugal..... do	1.85	37.00
500	Simple centrifugal plungers, for fuzes..... per 100	91.63	45.81
45,760	Primers, obturating combination, electric friction..... per M.	367.05	16,796.21

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS III—SECTION 6—Continued.			
14,800	Primers, percussion, 110-grain.....per M..	\$70.00	\$1,036.00
40,000	Primers, percussion, 20-grain.....do.....	43.12	1,724.80
93,375	Primers, percussion, 20-grain, saluting.....do.....	29.65	2,768.57
20,000	Primers, igniting, 110-grain.....do.....	70.00	1,400.00
17,550	Primers, igniting, 20-grain.....do.....	44.20	775.71
20,000	Primers, igniting, saluting, 20-grain.....do.....	21.55	431.00
400	Drill primers, obturating friction.....per 100..	20.00	80.00
Components of drill primer obturating friction:			
23,725	Bodies.....per 100..	11.55	2,740.24
15,000	Button wires.....do.....	3.40	510.00
269,550	Serrated wires, with friction pellets.....do.....	2.52	6,792.66
150,000	End-closing cups.....per M..	3.00	450.00
2,061	Adapters, steel, for cartridge cases for 4.72-inch and 6-inch guns, Armstrong.....per 100..	24.15	497.73
Lead-filling pieces for projectiles:			
6,000	No. 1.....per M..	3.00	18.00
5,400	No. 3.....do.....	11.50	62.10
15,000	No. 5.....do.....	13.90	208.50
5,052	Nos. 6 and 7.....do.....	5.30	26.78
500	No. 8.....per 100..	.16	.80
5,900	No. 13.....per M..	1.60	9.44
1,528	No. 14.....do.....	7.10	10.85
PART I—CLASS IV—SECTION 2.			
1	Complete sight, with sight brackets, for 75 mm. rapid-fire mountain carriage, Vickers-Maxim.....each..	625.75	625.75
1	Combined front and rear sight for 3-inch mountain howitzer carriage, model of 1908, experimental.....each..	536.00	536.00
8	Sights, front, for 2.95-inch mountain gun.....do.....	5.70	45.60
10	Level tubes (complete with vials), for sights, for 2.95-inch mountain gun.....each..	1.15	11.50
Components of pack outfit for 2.95-inch mountain gun:			
124	Ammunition chests and hangers, for 12.5-pound projectile, each.....	4.70	582.80
64	Ammunition chests and hangers, for 18-pound projectile, each.....	4.31	275.84
PART I—CLASS IV—SECTION 3.			
93	Front sights, complete, for 3-inch gun carriage.....each..	8.25	767.25
Parts of front sights for 3-inch gun carriage:			
30	Brackets.....do.....	10.95	328.50
25	Spring covers, No. 1.....do.....	.63	15.75
10	Holders.....do.....	5.24	52.40
21	Bracket sleeves.....do.....	3.24	68.04
127	Spring catches with rivets.....per 100..	117.50	149.23
200	Split pins.....do.....	2.70	5.40
64	Rear sights, complete, for 3-inch gun carriage.....each..	153.70	9,836.80
Parts of rear sights for 3-inch gun carriage:			
30	Brackets.....do.....	38.20	1,146.00
30	Shanks.....do.....	67.13	2,013.90
30	Shank sockets.....do.....	47.40	1,422.00
10	Peep sights, partly finished.....do.....	5.80	58.00
5	Brackets, partly finished.....do.....	33.69	168.45
5	Shanks, partly finished.....do.....	34.50	172.50
10	Shank sockets.....do.....	29.43	294.30
25	Range-strip screw nuts.....do.....	.32	8.00
25	Spring catches.....do.....	.95	23.75
20	Catch springs.....do.....	.09	1.80
10	Spring-catch plungers.....do.....	.42	4.20
10	Spring-catch cases.....do.....	.56	5.60
10	Peep-sight guides.....do.....	8.98	89.80
10	Shank socket covers with spring, partly finished.....do.....	1.62	16.20
25	Level caps, partly finished.....do.....	.11	2.75
25	Level-vial tubes.....do.....	.69	17.25
20	Collars.....do.....	.20	4.00
1	Level bulb for sight-shank bracket.....do.....	.68	.68
50	Lock nuts.....per 100..	35.40	17.70
20	Cross-level holders with tubes, vials, and caps.....each..	2.20	44.00
50	Nuts.....per 100..	12.40	6.20
25	Range-strip screws.....each..	.36	9.00
100	Deflection-scale screws.....per 100..	1.55	1.55
100	Split pins (1/4 by 1/2).....do.....	2.70	2.70
50	Split pins (3/8 by 1/2).....do.....	11.50	5.75
10	Deflection scales, partly finished.....each..	.92	9.20
50	Set screws.....do.....	.07	3.50
10	Leveling screws, partly finished.....do.....	2.63	26.30
20	Peep-sight screws, partly finished.....do.....	4.08	81.60
50	Screws for shank socket.....per 100..	17.25	8.63
100	Adjusting screws.....do.....	5.80	5.80

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS IV—SECTION 3—Continued.			
129	Panoramic sights, for 3-inch gun carriage..... each..	\$126.56	\$16,326.24
Parts of panoramic sights for 3-inch gun carriage:			
109	Reticules..... do.....	5.18	564.62
1	Worm..... do.....	3.25	3.25
4	Azimuth circle..... do.....	8.35	8.35
1	Worm-box eccentric lever stop screws..... do.....	.13	.52
90	Range quadrants, complete, for 3-inch gun carriage..... do.....	74.55	6,709.50
Parts of range quadrants for 3-inch gun carriage:			
0	Bodies..... do.....	8.40	84.00
25	Rockers, partly finished..... do.....	8.20	205.00
25	Brackets..... do.....	13.50	337.50
10	Spring cases, complete, with handle, plunger, and springs, each..... do.....	3.45	34.50
10	Elevating-level holders, partly finished..... each.....	5.39	53.90
5	Scroll gears with heads and bushings..... do.....	5.06	25.30
25	Fulcrum pins, partly finished..... do.....	.24	6.00
20	Cross-level vial tubes..... do.....	.42	8.40
1	Spring spiral..... do.....	.06	.06
1	Transverse level..... do.....	.65	.65
1	Shaft and pinion, with nut..... do.....	4.42	4.42
10	Leveling screws with head, partly finished..... do.....	2.00	20.00
50	Lock screws..... do.....	.15	7.50
100	Adjusting screws..... per 100.....	6.00	6.00
50	Set screws..... each.....	.07	3.50
50	Screws for micrometer disks..... per 100.....	10.80	5.40
1	Sight for 3.8-inch field howitzer carriage, model of 1908, complete, except for panoramic sight..... each.....	50.25	50.25
1	Tripod with head combining leveling screw and level plate, for 3-inch field material, experimental..... each.....	142.35	142.35
37	Testing levels for mobile artillery..... do.....	14.00	518.00
1	Hand fuze setter..... do.....	75.85	75.85
1	Wrench fuze setter..... do.....	9.40	9.40
50	Plungers with springs for hand fuze setters..... do.....	.29	14.50
Parts of bracket fuze setters:			
128	Plungers with springs..... do.....	.40	51.20
1	Range-worm handle..... do.....	1.30	1.30
12	Corrector scales..... do.....	.54	6.48
2	Erhardt corrector scales..... do.....	1.00	2.00
50	Screws for corrector scales..... do.....	.05	2.50
88	Range-worm cranks..... do.....	.67	58.96
8	Range rings..... do.....	1.73	13.84
2	Covers..... do.....	8.20	16.40
12	Cover screws..... do.....	.17	2.04
6	Latch springs..... do.....	.18	1.08
PART I—CLASS IV—SECTION 5.			
Components of subcaliber-cartridge and drill-cartridge kit for 3-inch field gun:			
225	Storage chests..... each.....	7.84	1,764.00
4	Brass eyepieces..... do.....	.35	1.40
4	Cleaning rods..... do.....	.28	1.12
4	Extension pieces..... do.....	.15	.60
4	Pin wrenches..... do.....	.05	.20
62	Extractor springs..... do.....	.07	4.34
58	Extractor-spring screws..... do.....	.04	2.32
25	Drill-cartridge bases..... do.....	1.14	28.50
160	Set screws..... per 100.....	2.25	3.60
12	Washers, for rings (felt)..... each.....	1.08	12.96
218	Graduated rings, with steel rotating pins, assembled..... do.....	.50	109.00
116	Rotating pins..... per 100.....	24.50	28.42
26	Steel rings..... each.....	1.08	28.08
Components of subcaliber-cartridge and drill-cartridge kit for 2.95-inch mountain gun:			
56	Storage chests..... each.....	6.75	378.00
4	Subcaliber cartridges..... do.....	16.85	67.40
132	Drill cartridges..... do.....	6.90	910.80
4	Brass eye pieces..... do.....	.35	1.40
4	Cleaning rods..... do.....	.46	1.84
4	Extension pieces..... do.....	.11	.44
8	Extractor springs..... do.....	.06	.48
8	Extractor spring screws..... do.....	.05	.40
160	Fuze cones..... per 100.....	2.75	4.40
160	Fuze cone covers..... do.....	2.93	4.69
56	Tin boxes..... each.....	.04	2.24
4	Pin wrenches..... do.....	.05	.20
4	Wrenches for closing cap..... do.....	.32	1.28

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS V—SECTION 1.			
32	Field artillery plotters.....each..	\$160.00	\$5,120.00
	Parts of field artillery plotters:		
1	Leg latch.....do...	.24	.24
3	Leg-latch plungers.....do...	.16	.48
6	Leg-latch cover screws.....do...	.04	.24
3	Latch-plunger springs.....do...	.06	.18
39	Battery commanders' telescopes, complete, without carrying cases.....each..	273.40	10,662.60
	Components of battery commanders' telescope:		
17	Tripods, without carrying cases.....do...	20.00	340.00
4	Objective-prism base screws.....do...	.05	.20
4	Objective-prism box screws.....do...	.05	.20
6	Sheet-brass cover screws.....do...	.05	.30
2	Dial nut screws.....do...	.10	.20
2	Eyepiece screws.....do...	.05	.10
4	Objective-prism box-cover screws.....do...	.06	.24
4	Dust-cap screws.....do...	.06	.24
50	Observation telescopes, field, complete, exclusive of leather caps and carrying cases.....each..	220.00	11,000.00
2	Battery commander's rulers, without leather case and strap.....do...	10.30	20.60
439	Weldon range finders.....do...	19.00	8,341.00
4,250	German silver prism clip screws, for Weldon range finders.....per M..	4.41	18.74
PART I—CLASS V—SECTION 4.			
53	Fixed shrapnel, for 3-inch field gun, model of 1902, sectionalized.....each..	10.00	530.00
1	Shrapnel, empty, sectionalized, for 2.95-inch mountain gun.....do...	11.50	11.50
51	Fuzes, 21-second combination, sectionalized.....do...	7.50	382.50
PART I—CLASS V—SECTION 5.			
26	Sets decapping, cleaning, and priming tools for 3-inch field gun.....each..	44.30	2,037.80
10	Reloading and cleaning outfits for 2.95-inch mountain gun.....do...	40.00	400.00
1	Primer-inserting press, without bushings, for 3.8-inch field gun, 4.7-inch siege gun, and 6-inch siege howitzer.....each..	31.00	31.00
5	Sets taps and drills for base set screws for subcaliber and drill cartridges for 3-inch field gun.....per set..	2.37	11.85
1	Case holder for 3.8-inch howitzer.....each..	2.10	2.10
1	Case holder for 3.8-inch gun.....do...	2.10	2.10
1	Case holder for 4.7-inch howitzer.....do...	2.30	2.30
1	Case holder for 4.7-inch gun.....do...	2.30	2.30
1	Case holder for 6-inch howitzer.....do...	2.30	2.30
1	Bushing for 2.38-inch field rifle.....do...	4.00	4.00
1	Bushing for 3-inch field gun.....do...	4.50	4.50
1	Bushing for 3.8-inch gun.....do...	4.75	4.75
1	Bushing for 3.8-inch howitzer.....do...	4.75	4.75
1	Bushing for 4.7-inch howitzer.....do...	5.00	5.00
1	Bushing for 4.7-inch gun.....do...	5.00	5.00
1	Case-holder plate for 2.95-inch mountain gun, Vickers-Maxim.....do...	8.50	8.50
10	Case-holder stands for mobile artillery.....do...	3.50	35.00
2	Wrenches, for 21-second combination fuzes.....do...	4.00	8.00
1	Fixture for disassembling ammunition for 3-inch field rifle, 2.95-inch mountain gun, Vickers-Maxim 3-inch (15-pounder) guns, models of 1898, 1902, and 1903.....each..	44.10	44.10
1	Case-holder plate for 3-inch field gun.....do...	8.50	8.50
1	Shell-extractor holder, complete, for hand-power rack press for 1-pounder and 1.65 ammunition.....each..	40.00	40.00
6	Kits of tools for optical repair work, field artillery.....per kit..	199.76	1,198.56
PART I—CLASS VI—SECTION 2.			
158	Rounds fixed ammunition shrapnel for 2.95-inch mountain gun, packed in "ammunition chests and hangers".....each..	7.70	1,216.60
80	Rounds fixed ammunition, saluting charges, 20-grain percussion primer, for 1.65-inch Hotchkiss gun.....each..	1.25	100.00
3,600	Felt wads for 2.95-inch mountain gun.....per M..	14.95	53.82
100	Felt wads for 1.65-inch Hotchkiss gun, cartridge cases.....per 100..	1.16	1.16
560	Base covers for 2.95-inch mountain gun, ammunition.....each..	.06	33.60
PART I—CLASS VI—SECTION 3.			
3,384	Rounds fixed ammunition H. E. steel shell for 3-inch field guns, models of 1902, 1904, and 1905.....each..	8.74	29,576.16
12,320	Rounds fixed ammunition, shrapnel, for 3-inch field gun, model of 1902.....each..	8.10	99,792.00
351	Rounds fixed blank ammunition (saluting) for 3-inch field gun, models of 1902, 1904, and 1905.....each..	1.40	491.40

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS VI—SECTION 3—Continued.			
238	Shrapnel, 3-inch.....each..	\$5.45	\$1,297.10
336	Shrapnel, 3-inch, loaded, not fuzed.....do..	4.00	1,344.00
23,630	Shrapnel, 3-inch, not loaded or fuzed.....do..	3.50	82,705.00
470	Shrapnel, 3.8-inch, not loaded or fuzed.....do..	8.75	4,112.50
475	Shrapnel, 4.7-inch, not loaded or fuzed.....do..	11.50	5,462.50
24,010	Cartridge cases for 3-inch field gun.....do..	.77	18,487.70
100	Cartridge cases for 3.8-inch howitzer, model of 1908.....do..	1.29	129.00
1,000	Cartridge cases, for 3.8-inch gun, model of 1907.....do..	.77	770.00
522	Cartridge cases for 4.7-inch howitzer, model of 1907.....do..	1.96	1,023.12
18,000	Felt wads for 3-inch field gun, ammunition.....per M..	15.95	287.10
10,517	Base covers for 3-inch steel shell.....do..	30.00	315.51
135	Base covers for 3.8-inch shell.....do..	30.00	4.05
825	Base covers for 4.7-inch shell.....do..	30.00	24.75
1,260,000	Balls for 3-inch shrapnel.....do..	2.06	2,595.60
PART I—CLASS VI—SECTION 4.			
26	Cartridge cases for 6-inch howitzer, model of 1906.....each..	3.29	85.54
600	Base covers for 7-inch cast-iron shell.....per M..	53.63	32.18
1,000	Base covers for 5-inch cast-iron shell.....do..	53.63	53.63
PART I—CLASS VI—SECTION 7.			
18,125	Fuzes, 21-second combination.....each..	2.00	36,250.00
60	Fuzes, 21-second combination, with detonators for 3-inch H. E. shrapnel.....each..	2.34	140.40
75	Fuzes, 31-second combination.....do..	3.77	282.75
50	Base percussion fuzes for 3.8-inch powder-charged shell.....do..	1.42	71.00
10	Sensitive-point fuzes for 3.8-inch and 4.7-inch shrapnel.....do..	2.22	22.20
200	Sensitive-point fuzes for 3-inch projectiles.....do..	.85	170.00
200	21-second combination stocks, fitted with electric primers.....per 100..	16.15	32.30
20	Hand grenades, experimental.....each..	7.13	142.60
5,000	Soldering strips for 21-second new combination fuses.....per M..	3.08	15.40
PART I—CLASS VIII—SECTION 1.			
98,820,230	Ball cartridges, caliber .30, model of 1906.....per M..	29.10	2,875,668.69
5,000	Ball cartridges, caliber .30, model of 1906, without clips or bandoleers.....per M..	24.45	122.25
200	Ball cartridges, caliber .30, model of 1906, 90,000 pounds pressure.....per M..	30.00	6.00
12,145	Ball cartridges, caliber .30, model of 1906, 75,000 pounds pressure.....per M..	29.55	358.88
200	Ball cartridges, caliber .30, loaded to give 2,080 foot-seconds at 75 feet.....per M..	29.50	5.90
1,406	Ball cartridges, caliber .30, model of 1906, hand loaded.....do..	34.33	48.06
187,000	Ball cartridges, caliber .30, for proof of model of 1903 rifle barrels.....per M..	25.50	4,768.50
5,000	Ball cartridges, caliber .30, model of 1906, hand-weighed spin bullets.....per M..	49.80	249.00
10,000	Ball cartridges, caliber .30, with special bullet, experimental.....per M..	31.80	318.00
14,000	Ball cartridges, caliber .30, with special bullet, experimental.....per M..	43.85	613.90
1,000	Ball cartridges, caliber .30, with special bullet, experimental.....per M..	64.50	64.50
2,400	Ball cartridges, caliber .30, having bullets of the Russian form of ogive, experimental.....per M..	33.50	80.40
5,147,070	Blank cartridges, model of 1906.....do..	20.25	104,228.17
1,097,250	Blank cartridges, caliber .30, model of 1909.....do..	17.00	18,653.25
5,000	Blank cartridges, caliber .30, model of 1909, experimental.....do..	21.20	106.00
297,480	Dummy cartridges, caliber .30, model of 1906.....do..	19.40	5,771.11
1,680,000	Guard cartridges, caliber .30, model of 1906.....do..	21.55	36,204.00
Components of caliber .30, model of 1906, ammunition:			
100,300	Service cartridge cases (primed).....per M..	11.65	1,168.50
6,755,310	Bullets, service.....do..	6.75	45,598.34
10,000,000	Cartridge primers.....do..	.75	7,500.00
1,215,002	Cartridge clips.....do..	4.65	5,649.76
1,144	Gallery-practice and dummy clips.....do..	5.90	6.75
50,100	Bandoleers.....each..	.07	3,507.00
7	Bandoleers, special, experimental.....do..	.10	.70
6	Empty, zinc-lined, wooden packing boxes for ball cartridges, caliber .30, model of 1906.....each..	1.71	10.26
1	Sample pasteboard box for ball cartridges.....do..	.03	.03
1,000	Pasteboard boxes for ball cartridges, caliber .30, model of 1898.....per M..	18.30	18.30
951	Pasteboard boxes for blank cartridges, caliber .30, model of 1898.....per 100..	1.48	14.07

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS VIII—SECTION 1—Continued.			
2	Display boards, showing the different cartridges for models of 1898 and 1906 (caliber .30)..... each..	\$13.00	\$26.00
1	Display board, showing various stages of manufacture of model of 1906 ball cartridge, caliber .30, case, and bullet, cut to show cross section..... each..	68.90	68.90
1	Display board, showing case, bullet, and clip in the different stages of manufacture of ball cartridge, caliber .30, model of 1906..... each..	16.00	16.00
PART I—CLASS VIII—SECTION 2.			
10,153,000	Revolver ball cartridges, caliber .38..... per M.	9.70	98,484.10
390,000	Revolver ball cartridges, caliber .45, model of 1909..... do...	12.95	5,050.50
13,000	Revolver bullets, caliber .38..... do...	2.75	35.75
1,000	Revolver cartridge shells, caliber .38..... do...	5.90	5.90
3	Sample zinc-lined wooden packing boxes, for revolver ball cartridges, caliber .38..... each..	1.06	3.18
2	Sample pasteboard boxes for revolver ball cartridges, caliber .38, each.....	.02	.04
5	Pounds brass cups for primers for caliber .38 revolver ball cartridges, per pound.....	.42	2.10
PART I—CLASS X—SECTION 1.			
200	Powder canisters, 2 pounds..... each..	.23	46.00
200	Powder canisters, 5 pounds..... do...	.255	51.00
200	Powder kegs, 10 pounds..... do...	.665	133.00
11	Wooden packing boxes for packing cartridge cases, saluting for 3-inch (15-pounder) gun, model of 1903..... each..	.55	17.05
45	Wooden packing boxes for packing cartridge cases, for 3-inch field gun..... each..	1.40	63.00
3	Wooden packing boxes, for packing cartridge cases for 2.95-inch sub-caliber gun..... each..	1.35	4.05
12	Wooden packing boxes for packing cartridge cases for 2.95-inch mountain gun..... each..	1.35	16.20
PART I—CLASS X—SECTION 5.			
25,000	Aluminum identification tags..... per M.	8.45	211.25
260	Stamping outfits for identification tags..... each..	4.65	1,209.00
10,000	Paper seals..... per M.	.70	7.00
PART I—CLASS X—SECTION 7.			
53	Sets wooden uprights for national target carriers..... per set..	3.50	185.50
PART I—CLASS X—SECTION 8.			
124	Sets bench reloading tools for ball cartridges, models of 1898 and 1906..... per set..	81.25	10,075.00
Parts of bench reloading tools for ball cartridges, models of 1898 and 1906:			
1	Frame for primer-ejecting tool..... each..	4.00	4.00
225	Ejecting stems for resizing press..... do...	1.60	360.00
21	Resizing dies for model of 1906 cartridges..... do...	2.70	56.70
1	Bullet-extracting tool..... do...	16.55	16.55
330	Sets decapping and cleaning tools for caliber .30 cartridges, models of 1898 and 1906, and caliber .38 revolver cartridges..... per set..	5.21	1,719.30
Components of decapping and cleaning tools for caliber .30 cartridges, models of 1898 and 1906, and caliber .38 revolver cartridges:			
25	Tool chests..... each..	1.74	43.50
50	Funnels..... do...	.11	5.50
50	Wiping rods..... do...	.20	10.00
331	Priming tools without spindles..... do...	2.50	827.50
250	Primer-ejecting spindles and caps..... do...	.50	125.00
150	Primer-ejecting pins..... do...	.01	1.50
1	Shell trimmer for caliber .30 ammunition, model of 1906..... do...	42.00	42.00
1	Bullet puller for caliber .30 ammunition, model of 1906..... do...	21.70	21.70
PART I—CLASS X—SECTION 10.			
150	Gallons resizing lubricant (2-gallon cans)..... per gallon..	.68	102.00
100	Cans enamel finish (½-pound cans)..... per can..	.31	31.00
PART II—CLASS II—SECTION 2.			
2	Apparatus for conducting the German 135° C. test of smokeless powder..... each..	83.60	167.20
6	Disjunctors for Le Boulenge chronograph..... do...	69.50	417.00

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.—Continued.

Number.	Article.	Price.	Amount.
PART II—CLASS III—SECTION 2.			
8	Modified burners for body annealing machine for S. A. ammunition, each	\$83.45	\$667.60
PART II—CLASS III—SECTION 4.			
1	Machine for cutting the hemmed rolls of olive-drab material into proper lengths for bandoleers..... each..	479.10	479.10
PART II—CLASS III—SECTION 5.			
1	Experimental cannelluring and resizing machine, combining both operations in one machine, for caliber .30 bullets..... each..	135.00	135.00
1	Punch and die for applying lock seam to tin cans for artillery ammunition..... each..	53.90	53.90
1	Attachment for Niagara Power Press for making longitudinal lock seam on tin cans for artillery ammunition..... each..	37.75	37.75
PART II—CLASS III—SECTION 7.			
2	Bullet-extracting machines, caliber .30..... each..	271.00	542.00
1	Ball mold with frame, for casting balls for 7-inch shrapnel..... do..	39.60	39.60
2	Machines for applying shellac to the cartridge case and paper cup of the caliber .30 blank cartridge, model of 1909..... each..	226.50	453.00
1	Primer inserting and varnishing machine, for S. A. ammunition, each.....	862.40	862.40
4	Bullet-assembling machines, caliber .30..... each..	2,178.00	8,712.00
1	Set plates and jigs, for artillery primer assembling press..... set..	164.95	164.95
PART II—CLASS IV—SECTION 1.			
Parts of Star gauge for large bores:			
2	Side arms..... each..	15.10	30.20
1	Lower arm..... do..	15.10	15.10
1	Ring gauge, 6.7-inch diameter..... do..	5.90	5.90
1	Ring gauge, 5-inch diameter..... do..	5.50	5.50
1	Ring gauge, 4.11-inch diameter..... do..	5.00	5.00
1	Ring gauge, 3.81-inch diameter..... do..	5.00	5.00
1	Ring gauge, 3-inch diameter..... do..	5.00	5.00
1	Set drop points, 5-inch diameter..... set..	34.00	34.00
1	Set drop points, 4.11-inch diameter..... do..	30.00	30.00
1	Set drop points, 3.81-inch diameter..... do..	29.50	29.50
1	Set drop points, 3-inch diameter..... do..	29.00	29.00
Parts of Star gauge for small bores:			
1	Set points, 3.81-inch..... do..	12.15	12.15
1	Set points, 4.11-inch..... do..	12.15	12.15
1	Rifle guide for 3-inch gun..... each..	65.50	65.50
1	Diameter gauge, minimum, for seat of obturating combination electric friction primer..... each..	15.10	15.10
1	Diameter gauge, maximum, for seat of obturating combination electric friction primer..... each..	15.10	15.10
1	Taper-plug gauge, for seat of obturating combination electric friction primer..... each..	9.16	9.16
PART II—CLASS IV—SECTION 3.			
1	Set inspection gauges for 1-pounder common steel shell, type A. set..	64.50	64.50
Inspection gauges for 1-pounder common steel shell:			
3	Body diameter, maximum..... each..	3.82	11.46
3	Band diameter, maximum..... do..	3.82	11.46
3	Rear of band diameter, maximum and minimum..... do..	3.82	11.46
6	Fuze seat thread, maximum and minimum..... do..	4.90	29.40
Inspection gauges for 2.95-inch solid shot for subcaliber gun:			
1	Profile gauge..... do..	16.20	16.20
1	Snap for body, maximum and minimum..... do..	6.45	6.45
1	Ring, rear of band, minimum..... do..	6.45	6.45
1	Position of band..... do..	5.95	5.95
1	Band seat snap, maximum and minimum..... do..	6.45	6.45
1	Ring, for bourrelet, maximum..... do..	6.45	6.45
1	Ring, for bourrelet, minimum..... do..	6.45	6.45
Inspection gauges for 15-pounder common steel shell:			
1	Profile, maximum and minimum..... do..	22.70	22.70
2	Thickness of wall caliper and test piece..... do..	19.40	38.80
1	Thickness of base..... do..	23.00	23.00
1	Band profile and band seat width..... do..	5.95	5.95
1	Base-cover groove diameter..... do..	13.80	13.80
1	Width and depth of base cover groove..... do..	13.80	13.80
1	Position of band and crimping groove..... do..	6.00	6.00
1	Fuze-seat thread, maximum..... do..	10.40	10.40
1	Fuze-seat thread, minimum..... do..	10.40	10.40
1	Fuze seat length templet, maximum and minimum..... do..	4.65	4.65
1	Measuring point..... do..	5.95	5.95

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.—Continued.

Number.	Article.	Price.	Amount.
PART II—CLASS IV—SECTION 3—Continued.			
Inspection gauges for 3-inch cast-iron shot:			
1	Profile gauge.....each	\$19.60	\$19.60
1	Body diameter snap, maximum and minimum.....do	3.27	3.27
2	Bourrelet diameter, ring, maximum and minimum.....do	19.60	39.20
2	Band diameter, ring.....do	5.45	10.90
1	Rear of band diameter, maximum and minimum, snap.....do	8.65	8.65
1	Band profile and band seat width templet, maximum and minimum.....each	8.65	8.65
1	Band-seat diameter, maximum and minimum.....do	10.80	10.80
1	Position of band templet.....do	4.60	4.60
Inspection gauges for 3-inch common steel shell:			
2	Profile.....do	21.55	43.10
1	Position of band, maximum and minimum.....do	4.85	4.85
1	Thickness of base.....do	4.90	4.90
1	Depth of fuze seat, maximum and minimum.....do	5.95	5.95
1	Base-cover groove.....do	6.45	6.45
1	Width and depth of base-cover groove.....do	11.85	11.85
3	Test pieces, maximum and minimum.....do	5.40	16.20
1	Test piece, base thickness.....do	2.70	2.70
Inspection gauges for 3.8-inch cast-iron shell, model of 1908:			
1	Profile (projectile), maximum and minimum.....do	19.62	19.62
1	Thickness of wall caliper.....do	18.30	18.30
2	Thickness of wall-caliper rods, maximum and minimum.....do	4.30	8.60
2	Thickness of wall-caliper test pieces, maximum and minimum.....each	4.30	8.60
1	Snap-body diameter, maximum and minimum.....do	8.60	8.60
1	Ring-band diameter, maximum.....do	7.90	7.90
1	Ring-band diameter, minimum.....do	7.90	7.90
1	Ring-bourrelet diameter, maximum.....do	7.90	7.90
1	Ring-bourrelet diameter, minimum.....do	7.90	7.90
1	Snap rear of band diameter, maximum and minimum.....do	8.60	8.60
1	Snap-band-seat diameter, maximum and minimum.....do	8.60	8.60
1	Band profile and band seat width, maximum and minimum.....each	6.45	6.45
1	Position of band and crimping groove, maximum and minimum.....each	6.45	6.45
Inspection gauges for 3.8-inch common steel shell, model of 1905:			
1	Projectile profile, maximum and minimum.....each	22.60	22.60
1	Rear of band, diameter, snap, maximum.....do	11.85	11.85
1	Rear of band, diameter, snap, minimum.....do	11.85	11.85
1	Position of band and crimping groove, maximum and minimum.....each	4.85	4.85
1	Band profile and band seat width, maximum and minimum, each.....do	7.55	7.55
2	Thickness of wall caliper test piece, maximum and minimum, each.....do	4.30	8.60
1	Thickness of wall caliper.....each	20.50	20.50
1	Thickness of base, maximum and minimum.....do	12.95	12.95
1	Fuze thread counterbore, eccentricity, diameter, and depth, maximum.....each	8.60	8.60
1	Fuze thread counterbore, diameter, maximum.....do	8.60	8.60
1	Base cover groove, diameter, maximum and minimum.....do	6.45	6.45
1	Width and depth of base cover groove, maximum and minimum.....each	5.90	5.90
Inspection gauges for 4.7-inch cast-iron shell, model of 1908:			
1	Profile, maximum and minimum.....each	34.00	34.00
1	Thickness of wall caliper.....do	34.00	34.00
1	Snap body, maximum.....do	3.27	3.27
1	Snap body, minimum.....do	3.27	3.27
1	Ring band, maximum.....do	8.18	8.18
1	Ring band, minimum.....do	8.18	8.18
1	Ring bourrelet, maximum.....do	8.18	8.18
1	Ring bourrelet, minimum.....do	8.18	8.18
1	Ring, rear of band, maximum.....do	8.18	8.18
1	Ring, rear of band, minimum.....do	8.18	8.18
1	Snap-band seat, maximum.....do	3.27	3.27
1	Snap-band seat, minimum.....do	3.27	3.27
1	Position of band, maximum and minimum.....do	6.54	6.54
1	Band profile and band seat width, maximum and minimum.....each	5.50	5.50
1	Test piece, maximum and minimum.....do	5.65	5.65
Inspection gauges for 4.7-inch common steel shell:			
1	Projectile profile, maximum and minimum.....do	34.00	34.00
1	Position of band, maximum and minimum.....do	5.65	5.65
1	Band profile and band seat width, maximum and minimum.....each	5.65	5.65
1	Thickness of base, maximum and minimum.....do	12.95	12.95
1	Thickness of wall caliper, maximum and minimum.....do	34.00	34.00
1	Width and depth of base-cover groove, maximum and minimum.....each	9.81	9.81
1	Test piece, maximum and minimum.....do	5.65	5.65

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.—Continued.

Number.	Article.	Price.	Amount.
PART II—CLASS IV—SECTION 5—Continued.			
Inspection gauges for 4.7-inch shrapnel case forgings:			
1	Eccentricity of case..... each.....	\$40.50	\$40.50
2	Mouth diameter, maximum and minimum..... do.....	10.80	21.60
2	Diaphragm seat diameter, maximum and minimum..... do.....	10.80	21.60
2	Powder-chamber diameter, maximum and minimum..... do.....	16.25	32.50
1	Thickness of wall for diaphragm seat..... do.....	9.70	9.70
1	Thickness of wall caliper for mouth..... do.....	6.45	6.45
2	Measuring rods..... do.....	2.70	5.40
1	Thickness of base and length of projectile..... do.....	12.95	12.95
1	Ring for body diameter, maximum..... do.....	10.80	10.80
1	Ring gauge for body diameter, minimum..... do.....	10.80	10.80
4	Test pieces..... do.....	5.65	22.60
Inspection gauges for 6-inch A. P. shot:			
1	Eccentricity of fuse thread..... do.....	33.70	33.70
1	Minimum fuse thread counterbore eccentricity, diameter and depth..... each.....	22.35	22.35
1	Maximum fuse thread and counterbore diameter..... do.....	19.40	19.40
1	Base plug wrench holes..... do.....	7.55	7.55
Inspection gauges for 6-inch cast-iron shell:			
1	Projectile profile..... do.....	26.65	26.65
1	Depth of cavity..... do.....	26.00	26.00
2	Thickness of wall calipers..... do.....	22.65	45.30
2	Ring, band diameter, maximum..... do.....	11.75	23.50
1	Ring, band diameter, minimum..... do.....	11.75	11.75
1	Position of band, maximum and minimum..... do.....	6.45	6.45
1	Position of band and depth of base plug seat and base plug length..... each.....	8.10	8.10
1	Band seat diameter, maximum and minimum..... do.....	9.70	9.70
1	Rear of band diameter and body diameter, maximum and minimum..... each.....	9.70	9.70
2	Band profile and band seat width, maximum and minimum..... each.....	7.00	14.00
1	Rear of band and body, diameter snap, maximum..... do.....	9.70	9.70
1	Rear of band and body, diameter snap, minimum..... do.....	9.70	9.70
1	Band seat, diameter snap, maximum..... do.....	9.70	9.70
1	Band seat, diameter snap, minimum..... do.....	9.70	9.70
1	Base thread diameter, maximum..... do.....	19.95	19.95
1	Base thread diameter, minimum..... do.....	19.95	19.95
1	Thickness of base, maximum and minimum..... do.....	12.95	12.95
Inspection gauges for 6-inch cast-iron shell:			
2	Thickness of wall-caliper rods..... each.....	3.80	7.60
2	Thickness of wall-caliper test pieces, maximum and minimum, each.....	4.85	9.70
1	Test piece..... each.....	4.70	4.70
Inspection gauges for 6-inch shrapnel cases:			
1	Ring body, maximum..... do.....	11.85	11.85
1	Ring body, minimum..... do.....	11.85	11.85
1	Mouth, maximum..... do.....	8.10	8.10
1	Mouth, minimum..... do.....	8.10	8.10
1	Powder chamber, maximum..... do.....	7.00	7.00
1	Powder chamber, minimum..... do.....	7.00	7.00
1	Eccentricity..... do.....	16.20	16.20
1	Height..... do.....	8.60	8.60
Inspection gauges for 6-inch howitzer cast-iron shell:			
1	Band diameter, maximum..... do.....	11.75	11.75
1	Band diameter, minimum..... do.....	11.75	11.75
Inspection gauges for projectile for 12-inch guns:			
1	Bourellet diameter, maximum..... do.....	15.10	15.10
1	Bourellet diameter, minimum..... do.....	15.10	15.10
1	Band diameter, maximum..... do.....	14.00	14.00
1	Band diameter, minimum..... do.....	14.00	14.00
1	Position of band..... do.....	4.90	4.90
1	Band profile and band-seat width..... do.....	9.75	9.75
Inspection gauges for projectile for 12-inch mortars:			
1	Band diameter, maximum..... do.....	14.55	14.55
1	Band diameter, minimum..... do.....	14.55	14.55
1	Position of band..... do.....	4.90	4.90
1	Band profile and band seat width..... do.....	9.75	9.75
Inspection gauges for 14-inch gun cast-iron shell, model of 1909:			
1	Band, diameter ring, maximum..... each.....	18.85	18.85
1	Band, diameter ring, minimum..... do.....	18.85	18.85
1	Bourellet, diameter ring, maximum..... do.....	18.85	18.85
1	Bourellet, diameter ring, minimum..... do.....	18.85	18.85
1	Rear of band, snap..... do.....	18.35	18.35
1	Band seat, snap..... do.....	18.35	18.35
1	Band profile and band seat width..... do.....	5.95	5.95
1	Thickness of wall caliper..... do.....	25.90	25.90
1	Test piece (wall caliper)..... do.....	3.80	3.80
1	Measuring rod (wall caliper)..... do.....	3.80	3.80
1	Depth of cavity..... do.....	5.95	5.95

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Frankford Arsenal, Philadelphia, Pa.—Continued.

Number.	Article.	Price.	Amount.
PART II—CLASS IV—SECTION 5—Continued.			
1	Measuring rod (cavity gauge)..... each..	\$3.80	\$3.80
1	Base thread gauge, maximum..... do..	26.95	26.95
1	Base thread gauge, minimum..... do..	26.95	26.95
1	Base thickness and band position..... do..	18.35	18.35
Inspection gauges for experimental projectile:			
1	Band diameter, maximum for 8-inch..... do..	10.25	10.25
1	Band diameter, minimum for 8-inch..... do..	10.25	10.25
1	Band profile, maximum for 8-inch..... do..	7.00	7.00
1	Band diameter, maximum for 10-inch..... do..	12.95	12.95
1	Band diameter, minimum for 10-inch..... do..	12.95	12.95
1	Band profile, maximum for 10-inch..... do..	7.00	7.00
1	Band profile, maximum for 12-inch..... do..	5.95	5.95
1	Band diameter, minimum for 12-inch..... do..	14.00	14.00
1	Band diameter, maximum for 12-inch..... do..	14.00	14.00
1	Gauge for band, maximum, for 7-inch mortar shell..... do..	6.85	6.85
Inspection gauges for gauging threads in 3-inch shrapnel for Semple tracer:			
1	Thread, maximum..... each..	17.25	17.25
1	Thread, minimum..... do..	17.25	17.25
1	For root diameter and depth of tracer seat..... do..	8.65	8.65
Inspection gauges for Semple tracer:			
1	Exterior thread, minimum..... do..	17.25	17.25
1	Exterior thread, maximum..... do..	17.25	17.25
Inspection gauges for 21-second combination fuses:			
1	Profile of closing cap..... do..	6.90	6.90
1	Length of firing pin and profile of point..... do..	8.50	8.50
PART II—CLASS IV—SECTION 4.			
4	Star gauges for United States magazine rifle, caliber .30, model of 1903, chambered for model of 1906 ammunition..... each..	116.60	466.40
PART II—CLASS IV—SECTION 5.			
4	Sets inspection gauges for ball cartridges, caliber .30, model of 1906..... set..	161.20	644.80
8	Pressure gauges, including mounts, for use in inspection of ball cartridges, caliber .30, model of 1906..... each..	180.00	1,440.00
1	Fixed rest for United States magazine rifle, model of 1903..... do..	255.80	255.80
1	Sliding rest for accuracy firings with United States magazine rifle, model of 1903..... each..	323.00	323.00
1	Finished shell gauge for caliber .30, model of 1906, cartridges..... do..	8.65	8.65
1	Eccentricity gauge for bullet, caliber .30, model of 1906..... do..	28.20	28.20
6	Sets inspection gauges for revolver ball cartridges, caliber .38..... set..	101.35	608.10
6	Pressure gauges for use in inspection of caliber .38 revolver ball cartridges..... each..	104.40	626.40
8	Fixed pistol rests for use in inspection of caliber .38 revolver ball cartridges..... each..	94.95	759.60
6,800	Pressure cylinders, S. A..... per M..	15.00	102.00
11,400	Pressure cylinders, for revolvers..... do..	15.00	171.00
Total.....			3,996,174.90

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Benicia Arsenal, Cal.

Number.	Article.	Price.	Amount.
PART I—CLASS I—SECTION 1.			
<i>8-inch gun, model 1888.</i>			
1	Spindle plate with securing screws.....	\$7.82	\$7.82
<i>8-inch barbette carriage, model 1892.</i>			
2	Special depression stops.....	6.05	13.10
<i>8-inch disappearing carriage, model 1890.</i>			
10	Pit ladders, hinges, doors, and bolts.....	27.83	278.30

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Benicia Arsenal, Cal.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—SECTION 1—Continued.			
<i>10-inch gun, models 1888 and 1895.</i>			
2	Springs for dummy projectile.....	\$0.25	\$0.50
6	Bronze plungers for dummy projectile.....	.20	1.20
3	Rear bands for dummy projectile.....	7.70	23.10
6	Section dummy cartridge.....	5.81	34.86
<i>10-inch gun, model 1900.</i>			
1	Operating crank set screw.....	1.32	1.32
<i>10-inch barbette carriage, model 1892.</i>			
4	Traversing stop pins.....	2.05	8.20
1	Bronze ring for tray of ammunition truck.....	10.38	10.38
<i>10-inch disappearing carriage, model 1896.</i>			
14	Filler pieces, bronze.....	.42	5.88
10	Pit ladders, doors, hinges, and bolts.....	32.83	328.30
12	Crosshead pawl springs.....	1.05	12.60
12	Crosshead pawl stops.....	.44	5.28
2	Retraction ratchet wheel studs.....	1.79	3.58
1	Set screw sight arm bracket.....	1.97	1.97
12	Stops for ammunition trucks.....	.73	8.76
140	Screws for roller frame.....	.04	5.60
6	Brass brackets for armament chests.....	1.18	7.08
<i>10-inch gun, model 1900.</i>			
1	Operating crank set screw.....	1.32	1.32
<i>10-inch disappearing carriage, model 1901.</i>			
8	Cylinder extractor hole plugs.....	.35	2.80
2	Elevating rack stops.....	3.00	6.00
1	Retaining catch.....	6.44	6.44
4	Recoil roller oil hole screws.....	.52	2.08
<i>12-inch barbette carriage, model 1892.</i>			
1	Leveling bolt.....	5.65	5.65
1	Crank for crane.....	4.35	4.35
2	Traversing and retracting cranks.....	4.50	9.00
1	Mast for crane.....	50.25	50.25
1	Crane drum shaft.....	7.57	7.57
11	Bronze bushings for journal boxes.....	4.71	51.81
<i>12-inch disappearing carriage, model 1896.</i>			
1	Lag and pawl shaft and bearing.....	20.40	20.40
<i>12-inch disappearing carriage, model 1897.</i>			
1	Latch for throttling valve.....	5.68	5.68
28	Crank hooks.....	.53	14.84
4	Roller axle extractors.....	.66	2.64
PART I—CLASS I—SECTION 2.			
<i>15-pounder Driggs-Schroeder gun, model 1898.</i>			
6	Hardened steel studs.....	.73	4.38
13	Hardened steel pallets.....	1.31	17.03
1	Drill cartridge.....	9.19	9.19
<i>15-pounder masking parapet mount, model 1898.</i>			
4	Clamp wedge bolts.....	1.31	5.24
6	Elevating stop screws.....	.33	1.98
3	Pivot socket wedge bolts.....	.88	2.64
<i>5-inch barbette carriage, model 1896.</i>			
1	Locking pin.....	3.92	3.92
<i>5-inch barbette carriage, model 1903.</i>			
6	Brass plugs.....	.55	3.30

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Benicia Arsenal, Cal.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—SECTION 1—Continued.			
<i>6-inch gun, model 1903.</i>			
2	Latches for breech mechanism.....	\$10.43	\$20.86
2	Screws for hinge lug pallet.....	.49	.98
<i>6-inch disappearing carriage, model 1903.</i>			
1	Bolt.....	.62	.62
24	Retaining screws.....	.04	.96
1	Safety pawl spring.....	.44	.44
42	Closing screws with washers, for obturator spindle plates, 5 and 6 inch guns.....	.42	17.64
PART I—CLASS I—SECTION 3.			
<i>12-inch mortar, model 1886 M1.</i>			
1	Translating crank.....	10.70	10.70
<i>12-inch mortar carriage, model 1891.</i>			
48	Plates for steps.....	.59	28.32
12	Shell hoist scoop blocks.....	.33	3.96
<i>12-inch mortar, model 1890.</i>			
6	Bridle rings.....	.665	3.99
1	Bronze plunger for circuit breaker.....	1.32	1.32
24	Rotating crank lock, rear studs.....	1.24	29.76
10	Tray latch handles, complete.....	2.02	20.20
<i>12-inch mortar carriage, model 1896 M1.</i>			
16	Azimuth pointers.....	2.00	32.00
6	Bolts with nuts.....	.95	5.70
1	Brake shoe.....	2.17	2.17
8	Bushings, bronze.....	5.23	41.84
1	Crank pin.....	11.50	11.50
1	Coupling, brass.....	.66	.66
128	Dust-guard clips.....	.18	23.04
5	Elevation-lock brackets.....	4.10	20.50
13	Elevation-lock studs.....	2.60	33.80
8	Elevation stops.....	1.00	8.00
72	Filling plugs.....	.82	59.04
39	Fulcrum shafts.....	41.77	1,629.03
8	Handles for ammunition trucks.....	1.39	11.12
36	Gaskets, vulcanized fiber.....	.02	.72
22	Hooks for lanyard pulls.....	.19	4.18
48	Pins.....	.48	21.60
12	Taper pins, long.....	.22	2.64
12	Taper pins, short.....	.22	2.64
8	Piston rods.....	37.12	296.96
1	Cast-iron plug for racer.....	6.45	6.45
16	Plugs, closing.....	.76	12.16
24	Screws for direction plates.....	.05	1.20
12	Screws for oil pipe of racer.....	.05	.60
192	Screws for azimuth circle.....	.06	11.52
4	Screws, brass.....	.72	2.88
72	Washers, fiber, $\frac{3}{8}$ inch thick.....	.03	2.16
36	Washers, fiber.....	.05	1.80
120	Washers, fiber, for filling plugs.....	.04	4.80
72	Washers, fiber.....	.07	5.04
4	Washers, lanyard.....	2.00	8.00
1	Rear band for dummy projectile.....	14.42	14.42
PART I—CLASS I—SECTION 4.			
1	Expanding screw for 1-pounder subcaliber tube.....	3.29	3.29
PART I—CLASS I—SECTION 5.			
<i>For 3-inch saluting gun.</i>			
2	Tompions.....	.99	1.98
1	Operating shaft.....	9.44	9.44
1	Firing pin, complete.....	21.00	21.00
1	Firing arm.....	5.25	5.25

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Benicia Arsenal, Cal.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS I—SECTION 2.			
1	Pry pole for gun.....	\$17.72	\$17.72
PART I—CLASS II—SECTION 4.			
3	Heavy-gun targets.....	400.00	1,200.00
<i>Parts of pyramidal targets.</i>			
10	Apex blocks.....	5.58	55.80
4	Bands, wrought iron.....	.55	2.20
8	Braces, diagonal.....	1.01	8.08
28	Bridles.....	4.28	119.84
5	Cleats.....	.45	2.25
5	Center plow cleats.....	.37	1.85
24	Side plow cleats.....	.27	6.48
10	Covers.....	18.55	185.50
20	Cover strips.....	.18	3.60
6	Eyebolts and nuts.....	.46	2.76
6	Flagstuffs.....	2.23	13.38
17	Red flags.....	1.38	23.46
6	Ferrules.....	.14	.84
68	Prow planks.....	.67	45.56
800	Feet sheathing.....	.034	27.20
20	Strips.....	.025	.50
6	Sleeves.....	.14	.84
33	Heavy staples.....	.15	4.95
6	Transoms.....	1.46	8.76
9	Wire ropes.....	.65	5.85
20	Uprights.....	1.02	20.40
10	Material targets.....	90.00	900.00
<i>Parts of material targets.</i>			
10	Bridles.....	5.50	55.00
176	Boards, prow.....	.076	13.38
12	Bolts.....	.05	.60
16	Braces, diagonal.....	.36	5.76
60	do.....	1.00	60.00
35	Braces, pipe.....	1.05	36.75
62	Cleats, prow.....	.50	31.00
46	Covers.....	8.76	402.96
46	Longitudinals.....	.71	32.66
1,500	Laths.....	.005	7.50
24	Planks, prow.....	1.32	31.68
12	do.....	.69	8.28
8	Planks.....	2.02	16.16
320	Feet sheathing.....	.10	32.00
162	Strips.....	.14	22.68
76	Stiffeners.....	.34	25.84
28	Struts.....	1.49	41.72
20	Uprights with blocks.....	.72	14.40
21	Transoms.....	1.40	29.40
PART I—CLASS III—SECTION 1.			
[Cartridges made up, cost of material not included.]			
<i>10-inch gun, models 1888 and 1895.</i>			
3	Charges, C. P. W., lot 1, 1900, charge 133 pounds.....	2.00	6.00
17	Charges, C. P. W., lot 2, 1900, charge 133 pounds 6 ounces.....	2.00	34.00
4	Charges, C. P. W., lot 4, 1900, charge 147 pounds.....	2.00	8.00
13	Charges, international, lot 5, 1908, charge 159 pounds 2½ ounces.....	2.00	26.00
68	Charges, L. and R., lot 9, 1908, charge 156 pounds.....	2.00	136.00
<i>10-inch gun, model 1900.</i>			
17	Charges, Du Pont, lot 1, 1904, charge 224 pounds.....	2.75	46.75
<i>12-inch gun, models 1888 and 1895.</i>			
9	Charges, C. P. W., lot 3, 1901, charge 268 pounds.....	4.50	40.50
8	Charges, C. P. W., lot 5, 1901, charge 262 pounds.....	4.50	36.00
9	Charges, C. P. W., lot 7, 1902, charge 260 pounds 8 ounces.....	4.50	40.50
109	Charges, Du Pont, lot 10, 1907, charge 264 pounds 12 ounces.....	4.50	490.50

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Benicia Arsenal, Cal.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS III—SECTION 1—Continued.			
<i>12-inch mortar, steel, model 1890.</i>			
	C. P. W., lot 1, 1900, for 6-inch gun, model 1897:		
8	Charges, seventh zone, charge 50 pounds 10 ounces.....	\$0.90	\$7.20
34	Charges, eighth zone, charge 59 pounds 10 ounces.....	.90	30.60
1	C. P. W., lot 2, 1901, for 5-inch gun, model 1897, charge, eighth zone, charge 54 pounds.....	.90	.90
90	C. P. W., lot 1, 1901, charges, seventh zone, charge 48 pounds 3½ ounces.....	.90	81.00
	C. P. W., lot 2, 1901:		
118	Charges, fourth zone, charge 27 pounds 11 ounces.....	.90	106.20
18	Charges, fifth zone, charge 33 pounds 9½ ounces.....	.90	16.20
8	C. P. W., lot 3, 1902, charges, eighth zone, charge 57 pounds.....	.90	7.20
	C. P. W., lot 4, 1902:		
186	Charges, seventh zone, charge 46 pounds 14 ounces.....	.90	167.40
320	Charges, eighth zone, charge 56 pounds.....	.90	288.00
	C. P. W., lot 5, 1902:		
77	Charges, seventh zone, charge 46 pounds 10 ounces.....	.90	69.30
160	Charges, eighth zone, charge 55 pounds.....	.90	144.00
	L. and R., lot 11, 1908:		
72	Charges for third zone, charge 21 pounds 10 ounces.....	.90	64.80
90	Charges for fourth zone, charge 25 pounds 2 ounces.....	.90	81.00
PART I—CLASS III—SECTION 2.			
[Cartridges made up, cost of material not included.]			
<i>5-inch gun, model 1897.</i>			
48	Charges, C. P. W., lot 1, 1900, charge 15 pounds 5 ounces.....	.30	14.40
<i>6-inch gun, model 1897.</i>			
300	Charges, C. P. W., lot 2, 1901, charge 28 pounds 2 ounces.....	.40	120.00
<i>6-inch gun, model 1900.</i>			
108	Charges, C. P. W., lot 3, 1900, for 6-inch gun, model 1897, charge 41 pounds 9 ounces.....	.40	43.20
PART I—CLASS III—SECTION 3.			
[Cartridges made up, cost of material not included.]			
6,567	Fixed ammunition, friction firing, for 1-pounder subcaliber tube, assembled—rounds.....	.0567	372.35
	Fixed ammunition, friction firing, for 75 mm. subcaliber tube, assembled:		
218	Rounds for first zone.....	.0728	15.87
527	Rounds for second zone.....	.0728	38.37
650	Rounds for third zone.....	.0728	47.32
PART I—CLASS IV—SECTION 3.			
<i>3-inch field gun, model 1902.</i>			
1	Firing pin, complete.....	19.44	19.44
<i>3-inch field material, model 1902.</i>			
14	Elevating pins.....	1.07	14.98
27	Filler pieces.....	.03	.81
2	Keys for keyway of outer elevating screws.....	2.22	4.44
2	Head retainers for 3-inch field carriage.....	6.23	12.46
PART I—CLASS V—SECTION 3.			
15	Frames for fixed targets.....	9.13	136.95
8	Sleds for moving targets.....	7.10	56.80
200	Covers for kneeling figures.....	1.02	204.00
200	Covers for standing figures.....	1.43	286.00
100	Covers for gun and caisson figures.....	1.43	143.00
100	Covers for mounted figures.....	1.43	143.00
PART I—CLASS VI—SECTION 6.			
[Cartridges made up, cost of material not included.]			
600	Cartridges, saluting, for 12-pounder bronze S. B. gun, charge 1½ pounds.....	.04	24.00

Annual statement of manufactures for the fiscal year ended June 30, 1909, at Benicia Arsenal, Cal.—Continued.

Number.	Article.	Price.	Amount.
PART I—CLASS X—SECTION 1.			
120	Arm lockers, rifle.....	\$7.2417	\$869.00
40	Arm lockers, rifle.....	7.50	300.00
15	Arm lockers, revolver.....	9.35	140.25
PART I—CLASS X—SECTION 7.			
170	Wedges for Laidley targets.....	.007	1.19
20	Sliding targets, 6 by 6 feet.....	36.00	720.00
Parts of sliding targets, 6 by 6 feet:			
16	Braces.....	.53	8.48
10	Main sills.....	1.00	10.00
10	Top beams.....	1.00	10.00
8	Posts.....	1.08	8.64
150	Target frames, 6 by 6 feet.....	1.05	157.50
5	Sliding targets, 6 by 12 feet.....	44.00	220.00
100	Target frames, 6 by 12 feet.....	1.50	150.00
10	Target frames, light, interior, 6 by 6 feet.....	.25	2.50
122	Fastening hooks.....	.15	18.30
40	Ahrends falling targets.....	3.10	124.00
PART I—CLASS X—SECTION 9.			
87	Drifts, armorer's repair kit.....	.49	42.63
PART II—CLASS III—SECTION 5.			
24	Boring bars.....	3.97	95.28
4	Boring bars.....	7.19	28.76
4	Milling cutters.....	1.75	7.00
6	Milling cutters.....	3.66	21.96
2	Milling cutters.....	5.99	11.98
2	Drill posts.....	18.99	37.98
6	End mills.....	2.90	17.40
2	Hognose tools.....	5.99	11.98
4	Hognose tools.....	7.56	30.24
1	Steady rest.....	21.52	21.52
1	Tap.....	5.25	5.25
4	Taps.....	5.45	21.80
1	Tap for mortar trunnion.....	34.66	34.66
1	Tap for mortar trunnions.....	27.75	27.75
4	Thread tools.....	5.45	21.80
1	Taper pin reamer.....	5.88	5.88
4	Taper pin reamers.....	2.05	8.20
1	Taper pin reamer.....	.61	.61
PART II—CLASS III—SECTION 9.			
6	Chisels, blacksmith's.....	1.30	7.80
144	Chisels, cold.....	.42	60.48
1	Ratchet gear.....	7.64	7.64
1	Ratchet gear.....	2.63	2.63
6	Ratchet gears.....	2.24	13.44
4	Ratchet gears.....	3.15	12.60
1	Socket wrench.....	25.38	25.37
1	Tap wrench.....	12.61	12.61
PART II—CLASS V—SECTION 4.			
36	Bolts, hexagonal head.....	.21	7.56
3	Bolts, hexagonal head.....	.93	2.79
32	Nuts, hexagonal.....	.03	.96
20	Screws, cap.....	.41	8.20
1	Screw, countersunk head.....	.44	.44
6	Screws, round head.....	.44	2.64
1	Screw eye.....	1.37	1.37
2	Washers, steel.....	1.32	2.64
Total.....			13,967.96

