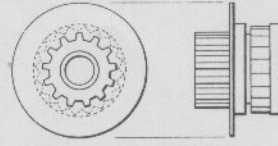
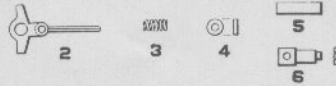
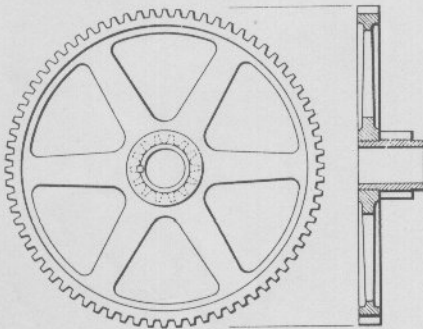


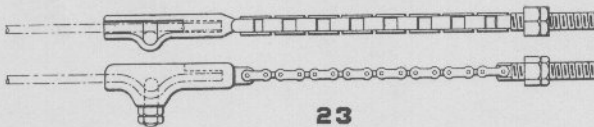
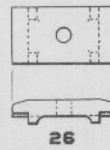
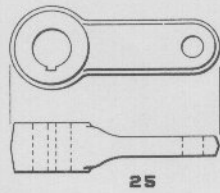
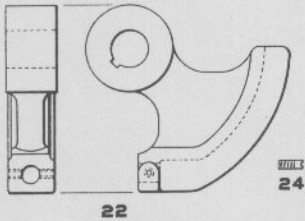
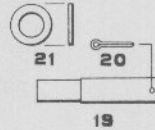
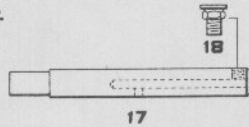
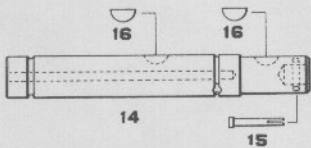
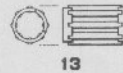
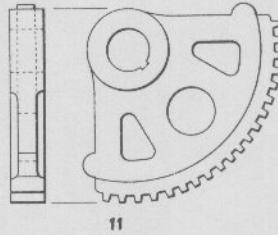
A - RATCHET GEAR COMP.



B - RATCHET PINION



C - INTERMEDIATE GEAR COMP.



Base-of-Mast Signal Mechanism—Details

March 1916

GENERAL RAILWAY SIGNAL COMPANY

Model 2A, Base-of-Mast
Signal Mechanism Details

Drawing references are shown for convenience in checking shipping lists and invoices.

Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
A	Ratchet Gear Complete as shown. (1-B, 1-1, 1-2, 1-3, 2-4, 1-5, 1-6, 1-7, 1-8, 1-9, 1-10).....	30080
B	Ratchet Pinion, for Ratchet Gear Fig. A.....	30079
C	Intermediate Gear Complete as shown.....	29965
C1	as above, except with Roller Bearing Fig. 13.....	
1	Ratchet Gear only, for Fig. A.....	30081
2	Pawl Complete as shown, for Ratchet Gear Fig. A.....	42438
3	Spring, for Ratchet Gear Fig. A.....	30875
4	Washer, $\frac{3}{16}$ " , for Spring Fig. 3.....	15394
5	Pin, $\frac{3}{8}$ " x $1\frac{3}{8}$ " , for fastening Pawl Fig. 2 to Gear Fig. 1.....	30521
6	Stud, with Collar, for Ratchet Gear Fig. A.....	
7	Set Screw, $\frac{5}{8}$ " x $\frac{1}{2}$ " , headless, for Spring Fig. 8.....	35966
8	Spring, for Brake Shoe Fig. 10.....	30090
9	Backing Plate, for Brake Shoe Fig. 10.....	30085
10	Brake Shoe, for Ratchet Gear Fig. A.....	30086
11	Sector, for operating Main Shaft Fig. 14.....	29890
12	Spacer, for Ratchet Gear Fig. A.....	36059
13	Roller Bearing Complete, for Intermediate Gear Fig. C.....	29998
14	Main Shaft.....	36458
14a	as above, except with Woodruff Keys and Pin. (1-14, 1-15, 2-16).....	
15	Pin, for connecting Circuit Controller Shaft to Main Shaft Fig. 14.....	42146
16	Woodruff Key, for fastening Sector Fig. 11, Sheave Sector Fig. 22 and Crank Fig. 25 to Main Shaft Fig. 14.....	028
17	Stud, $\frac{7}{8}$ " for supporting Ratchet Gear Fig. A.....	36053
17a	as above, except with Oil Cup Fig. 18.....	
18	Oil Cup, for Stud Fig. 17.....	32418
19	Stud, $\frac{3}{4}$ " , for supporting Intermediate Gear Fig. C.....	36054
19a	as above, except with Washer and Cotter Pin. (1-19, 1-20, 1-21).....	
20	Cotter Pin, $\frac{1}{8}$ " x $1\frac{1}{2}$ " , for Stud Fig. 19.....	040

Model 2A, Base-of-Mast
Signal Mechanism Details

Drawing references are shown for convenience in checking shipping lists and invoices.

Fig. No.	Name	Drawing Reference
Order by plate, figure number and name		
21	Washer, $\frac{3}{4}$ " for Stud Fig. 19.....	23165
22	Sheave Sector, for upper quadrant, wire connected Signals....	40646
22a	as above, except with one Set Screw Fig. 24.....	
22b	same as Fig. 22, except with Set Screw and Chain Connector. (1-22, 1-23, 1-24).....	
23	Chain Connector Complete as shown, for connecting to Sheave Sector Fig. 22.....	42019
24	Set Screw, $\frac{1}{4}$ " x $\frac{5}{8}$ ", headless, for Sheave Sector Fig. 22.....	18981
25	Crank, for pipe connected Signals.....	36055
26	Clamp, for fastening Motors to Frame, used only with two arm Signal Mechanism.....	36060
26a	as above, except with Tap Bolt and Lock Washer. (1-26, 1-28, 1-29).....	
27	Clamp, for fastening Motor to Frame.....	36061
27a	as above, except with Tap Bolt and Lock Washer. (1-27, 1-28, 1-29).....	
28	Tap Bolt, $\frac{3}{8}$ " x $1\frac{1}{2}$ " hex. hd. slotted, for fastening Clamps Fig. 26 and Fig. 27 to Frame.....	36062
28a	as above, except with Lock Washer Fig. 29.....	
29	Lock Washer, $\frac{3}{8}$ ", for Bolt Fig. 28.....	0569