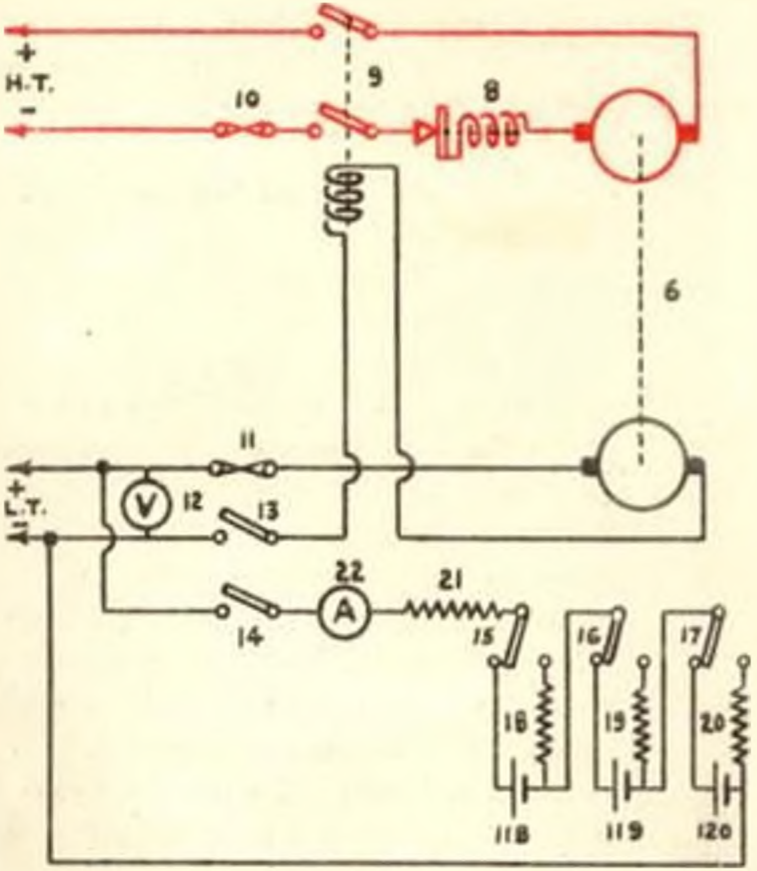

+
H.T.
-
10
9
8
6
11
+
L.T.
-
V
12
13
22
A
21
14
15
16
17
18
19
20
118
119
120


9
8
CUT OUT AUTO No3
EDISWAN
22
13
15
11
16
12
14
17

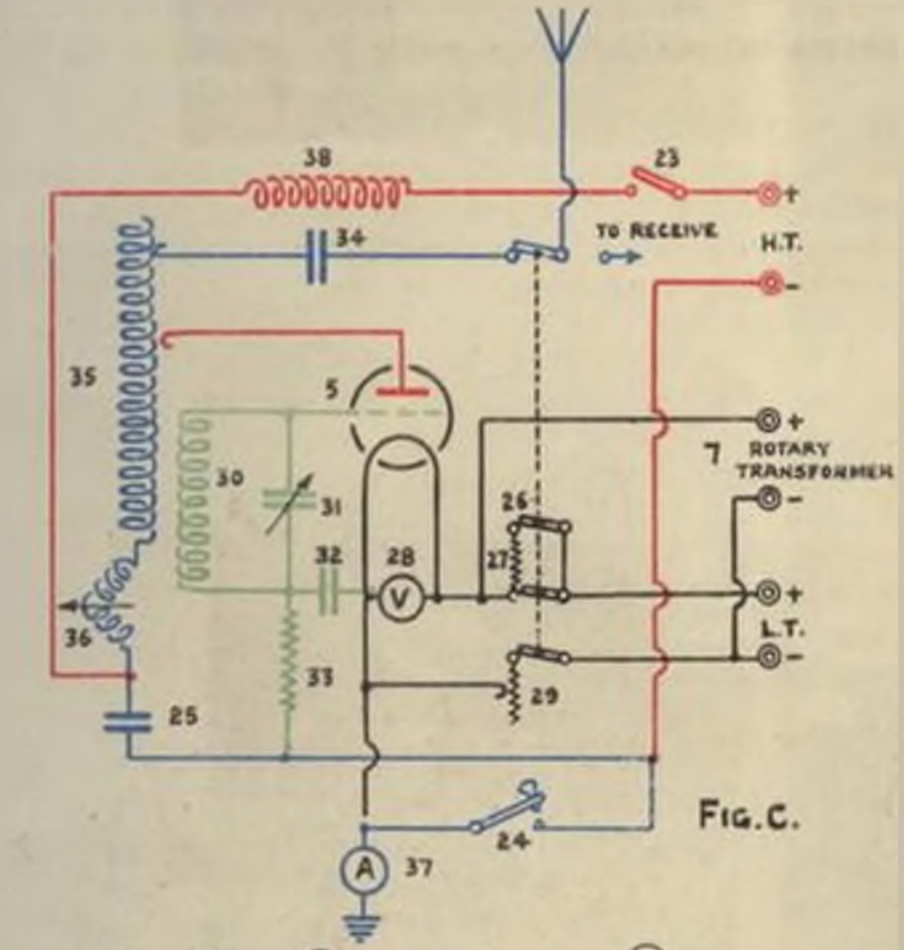
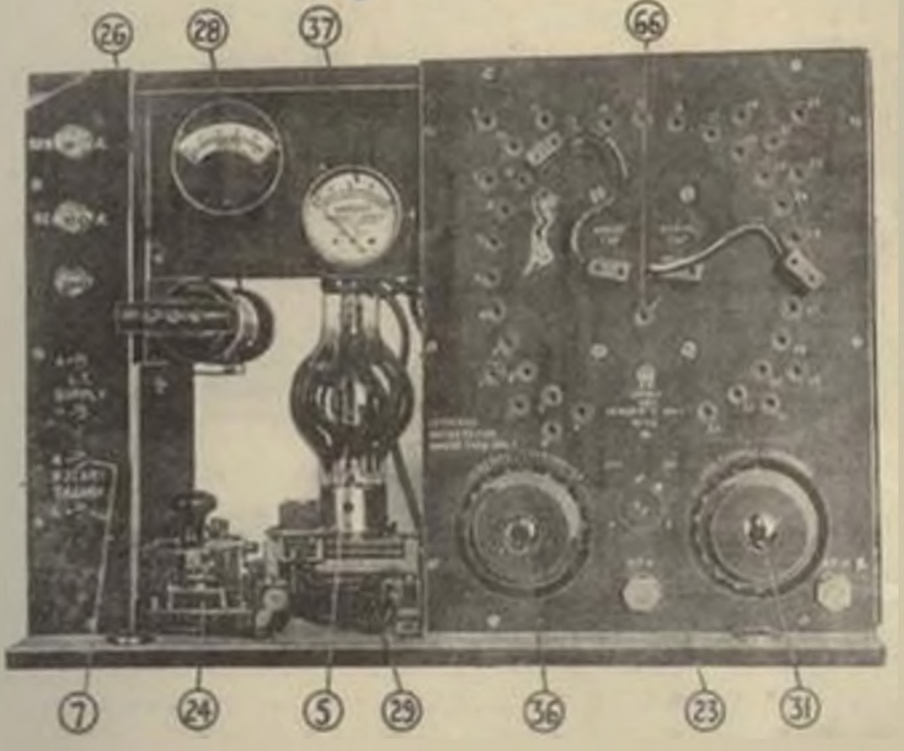

38
23
+
34
TO RECEIVE
H.T.
-
35
5
+
7
ROTARY
TRANSFORMER
30
31
26
-
32
28
27
+
36
L.T.
-
33
29
25
24
A
37

FIG. C.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31

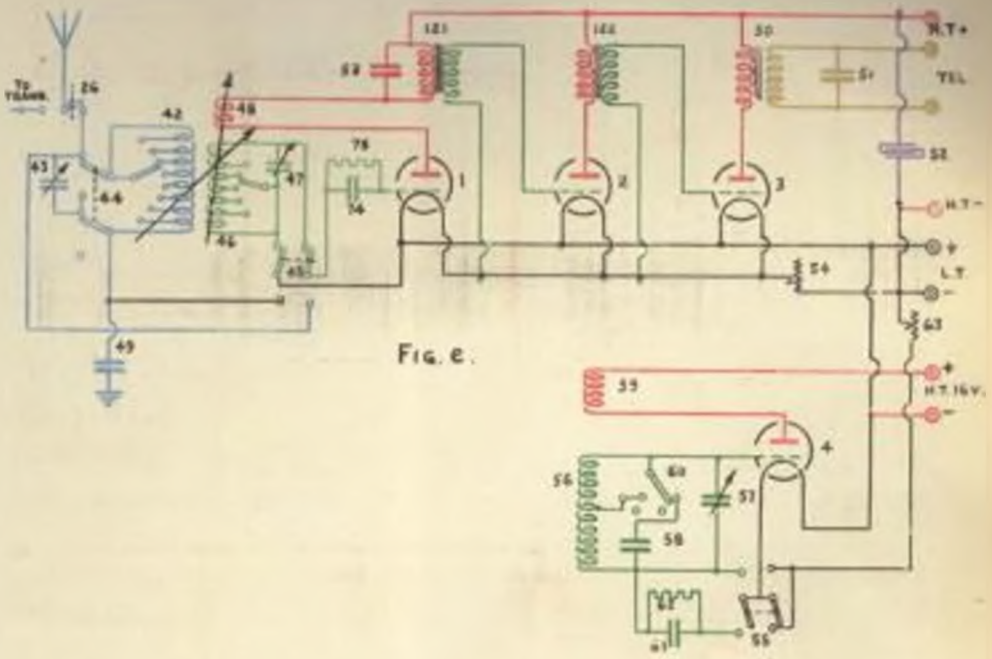
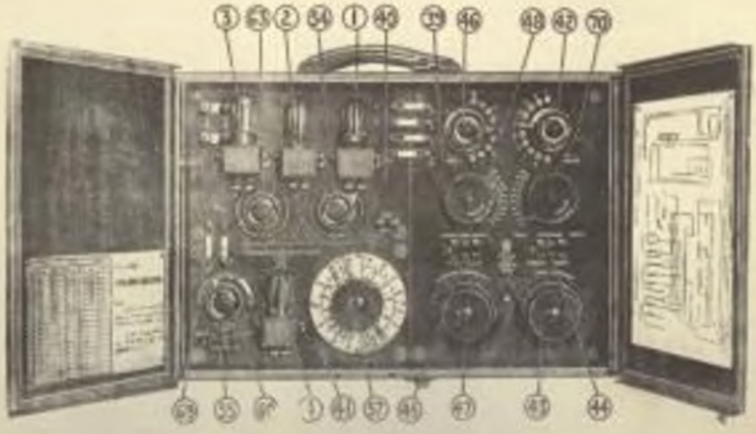


Fig. e.

Fig. f

Fig. g.



Adjusting the Primary Oscillatory Circuit.

(*a*) Short Wave (300 Metres or 1,000 Feet).

The transmitting condenser is connected up in the series position. The spark gap is adjusted to approximately 8 millimetres for full power, and the primary sliding inductance is adjusted in accordance with the instructions left by the engineer or officer who tuned the installation. As a rule this inductance will be at "short circuit."

Note.—The transformer secondaries must be in the series position.

(*b*) Long Wave (600 Metres or 2,000 Feet).

The transmitting condenser is connected up in the parallel position. The spark gap is adjusted to approximately 4 millimetres, and the primary sliding inductance is adjusted as directed by the officer who tuned the installation.

Note.—The transformer secondaries must be in the parallel position.

(*c*) 1,000 Metre Wave (approximately 3,300 Feet).

The transmitting condenser and spark gap are adjusted as for the 600-metre wave. The primary sliding inductance is replaced by the additional primary inductance, and the latter is adjusted as directed.

Note.—The transformer secondaries must be in the parallel position.