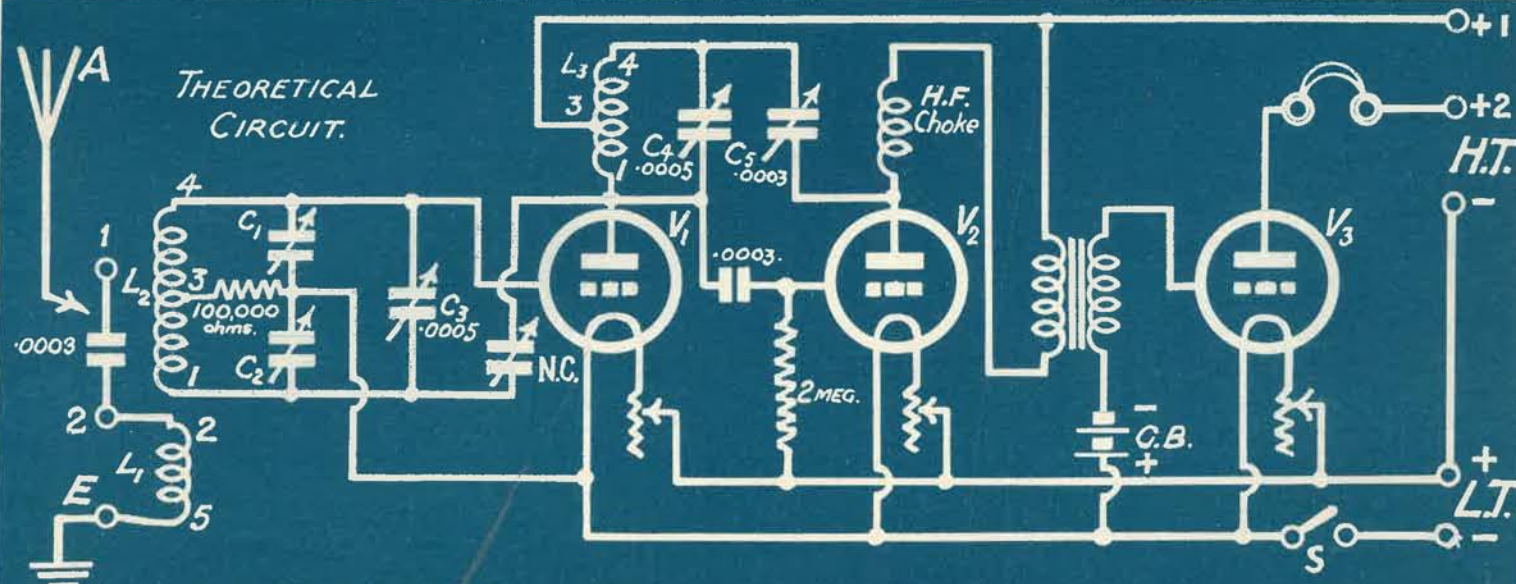
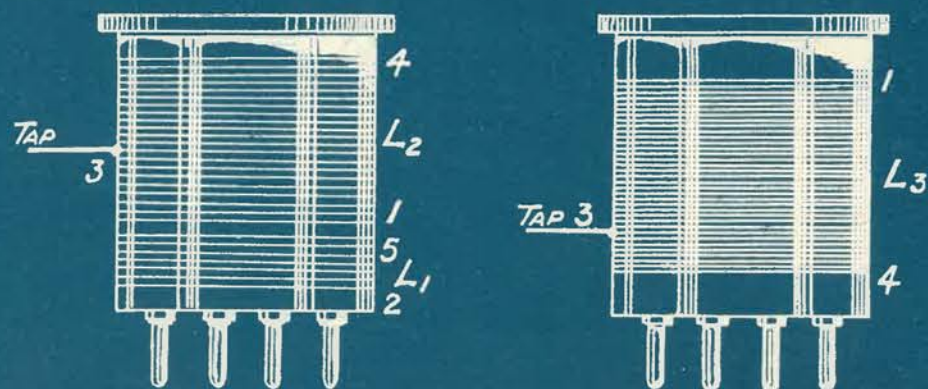


The "P.W." Blue Print Circuit, No. 24 "The Spanspace Three."

6d.



DETAILS OF COIL WINDINGS.



THE COILS.

The special coils are wound on the standard "screened coil" formers, but no screens are used. Connections should be made as indicated by the numbers, which are standardised by the various makers. The windings are in single layers of No. 34 D.S.C. copper wire. The turn numbers and connections are given below. L1—20 turns. Top end to pin 5, bottom end to pin 2. L2—90 turns, on the same former and in the same direction as L1, tapped at 45 turns. Top end to pin 4, tapping to pin 3, bottom end to pin 1. L3—90 turns, in the same direction on the other former, tapped at 30 turns. Top end to pin 1, tapping to pin 3, bottom end to pin 4.

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CHKD BY BK
SER. NO. BP.107

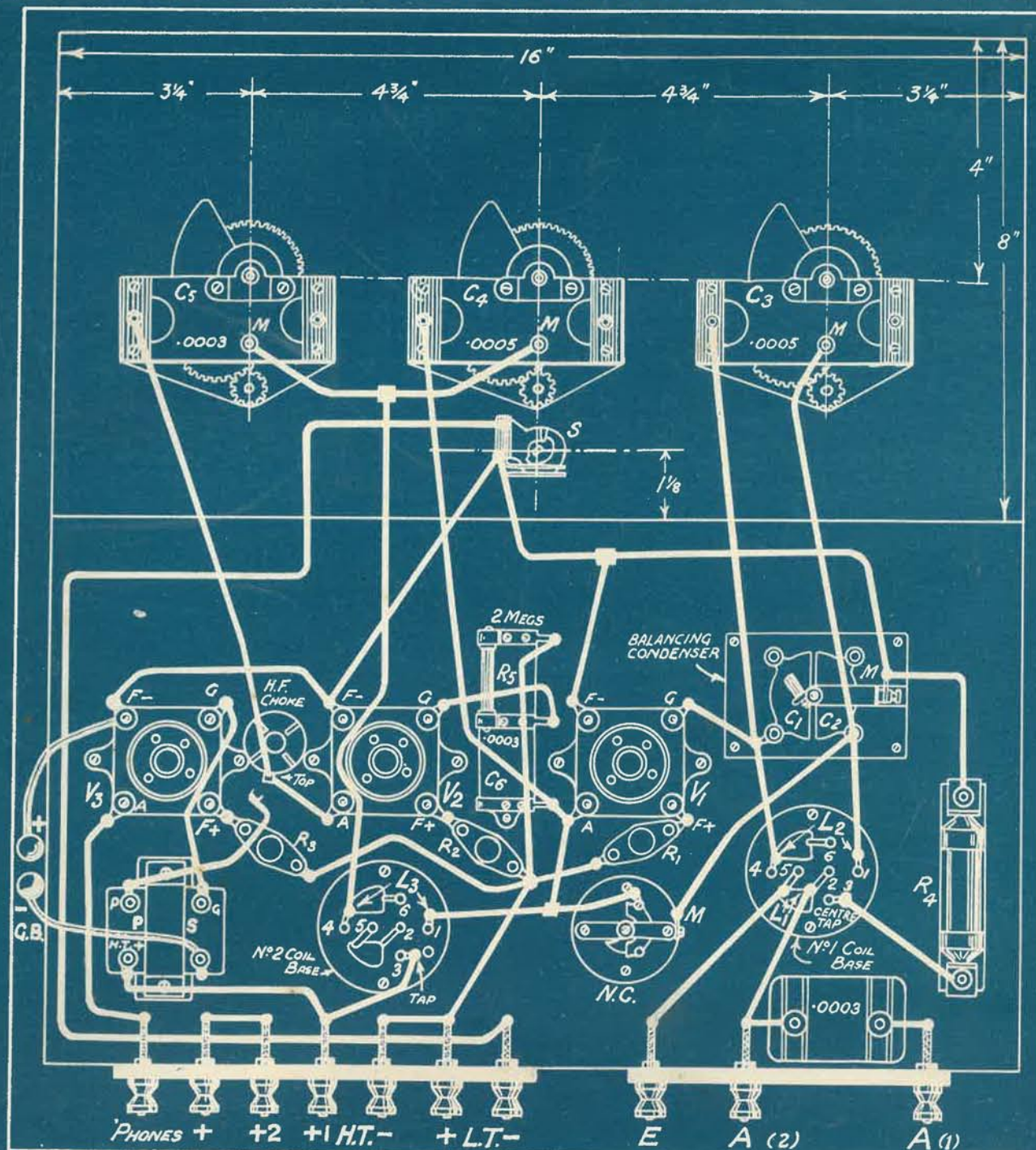
The "P.W." Blue Print, No. 24 "The Spanspace Three."

List of Components.

- 1 Ebonite panel, 16 in. by 8 in. by 1/4 in.
- 1 Cabinet, with baseboard, 9 in. deep.
- 2 Panel brackets.
- 2 .0005 and 1 .0003 geared variable condensers.
- 1 Balancing condenser.
- 1 Baseboard mounting neutralising condenser.
- 1 Fixed condenser, .0003, type 610.
- 1 Fixed condenser, .0003, type 600, with grid leak extension, and leak 2 megohms.
- 1 100,000 ohm anode resistance, baseboard mounting.
- 1 H.F. choke.
- 3 valve holders.
- 3 Holders and 3 suitable fixed resistors.
- 1 On-and-off switch.
- 1 L.F. transformer.
- 2 Tapped coil formers, with standardised bases.
- 1 Ebonite strip, 5 in. by 2 in., with 3 terminals.
- 1 Ebonite strip, 7 in. by 2 in., with 7 terminals.
- Glazite and a short length of flex.

Accessories.

- 2 H.F. valves.
- 1 L.F. or power valve.
- H.T. & L.T. batteries according to valves used.
- 2 Special coils (if Daventry is required 2 more will be needed. Can be bought ready-made under the name of "Span-Space" coils).
- 1 Pair of 'phones or loud speaker.
- 1 Grid bias battery.



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SER. NO. BP.108

The "P.W." Blue Print No. 24. The "Spanspace Three."

Three-valve receiver employing one neutralised H.F. valve, detector with non-radiating reaction control, and one L.F. valve. Specially intended for long-distance reception on 'phones, and loud speaker at moderate ranges. Neutralise by setting reaction (C5) at zero. C1—C2 at midway position, and adjusting N.C. until set does not oscillate at any position of C3 and C4; if local station available, turn out V1 and adjust N.C. until station inaudible despite re-tuning. Tune on C3 and C4, bring up strength with C5.