

PRESENTED FREE
WITH
"PRACTICAL WIRELESS"
DECEMBER 1962

Practical Wireless

LUXEMBOURG TUNER

PUBLISHED BY GEO. NEWNES LTD., TOWER HOUSE, SOUTHAMPTON STREET, LONDON W.C.2.

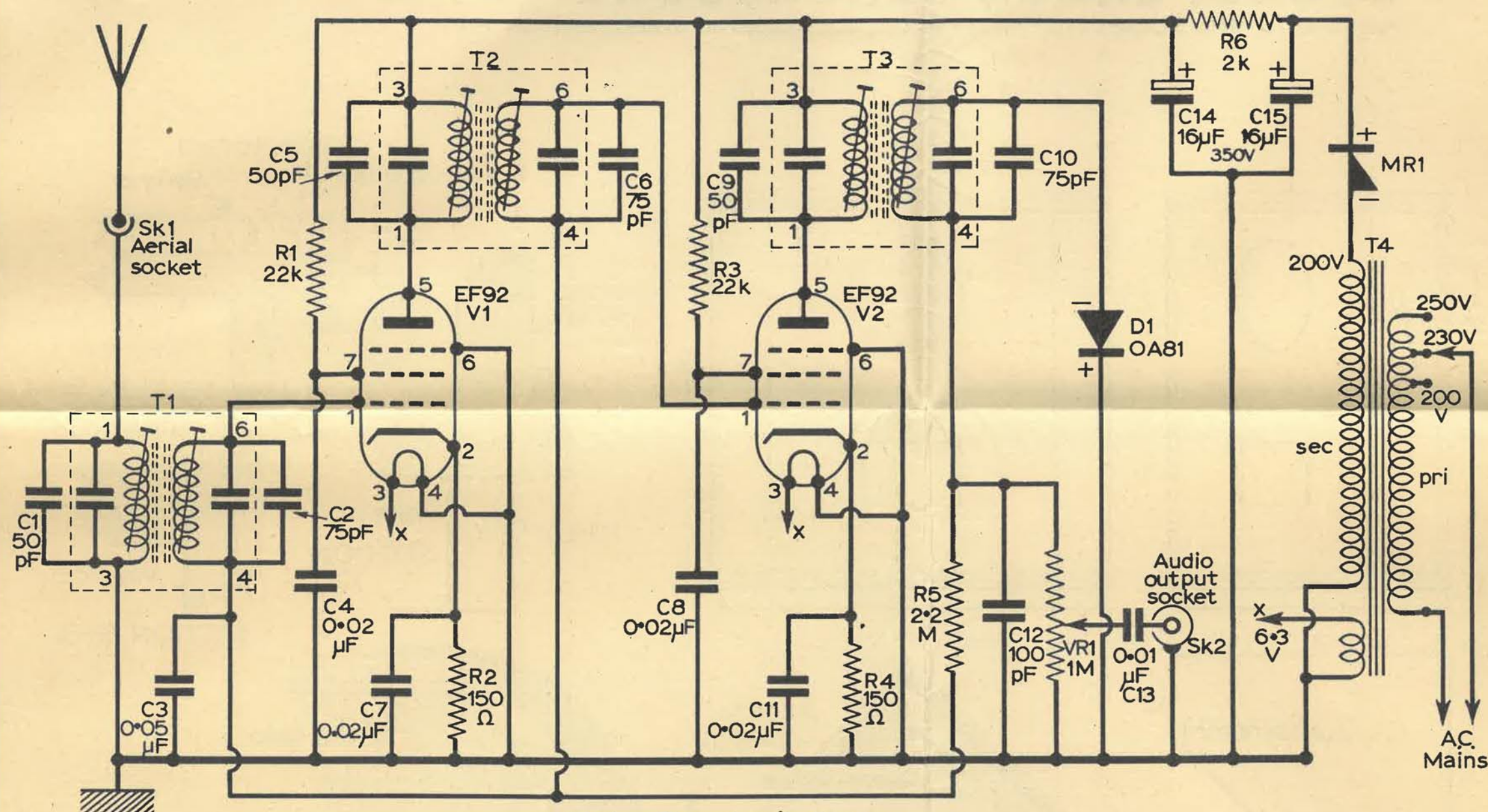


Fig. 1 - The circuit diagram

COMPONENTS LIST

Resistors:
(All 1/2W 10% unless otherwise stated)

R1 22k R4 150Ω
R2 150Ω R5 2.2M
R3 22k R6 2k 3W

VR1 1M potentiometer

Capacitors:

C1 50pF 1% silver mica
C2 75pF 1% silver mica
C3 0.05μF paper 350V
C4 0.02μF paper 350V
C5 50pF 1% silver mica
C6 75pF 1% silver mica
C7 0.02μF paper 350V
C8 0.02μF paper 350V
C9 50pF 1% silver mica
C10 75pF 1% silver mica
C11 0.02μF paper 350V
C12 100pF 1% silver mica
C13 0.01μF paper 150V
C14, C15 16 + 16μF elec. 350V

Valves:

V1 EF92 V2 EF92

Sockets:

SK1 Wander-plug socket

SK2 Coaxial socket

Transformers:

T1, T2, T3 Miniature 1-6 Mc/s
I.F. transformer (Denco)
T4 Mains transformer with
tapped primary.
Secondaries: 200V 25mA;
6.3V 1A

Rectifiers:

D1 OA81 signal diode
MR1 Contact-cooled H.T.
rectifier 250V 50mA

Miscellaneous:

Chassis, 8in. x 3in. x 2 1/2in.
Two pieces of aluminium for
screens, 3 1/2in. x 1 1/2in. One
insulated backing plate. Two
B7G valveholders with skirts
and screens. One 3-way tag strip
One miniature 18-way group
board. One capacitor clip (lin.).
One control knob. One wander
plug and one coaxial plug. Nuts,
bolts, etc.

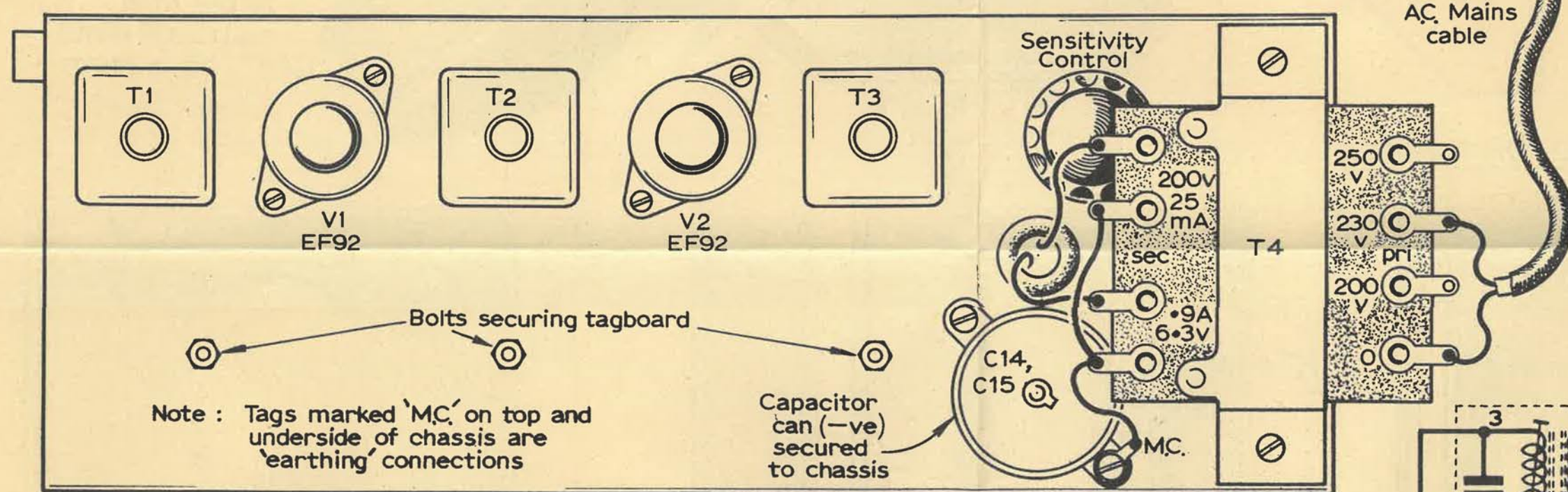


Fig. 2 - The above-chassis wiring

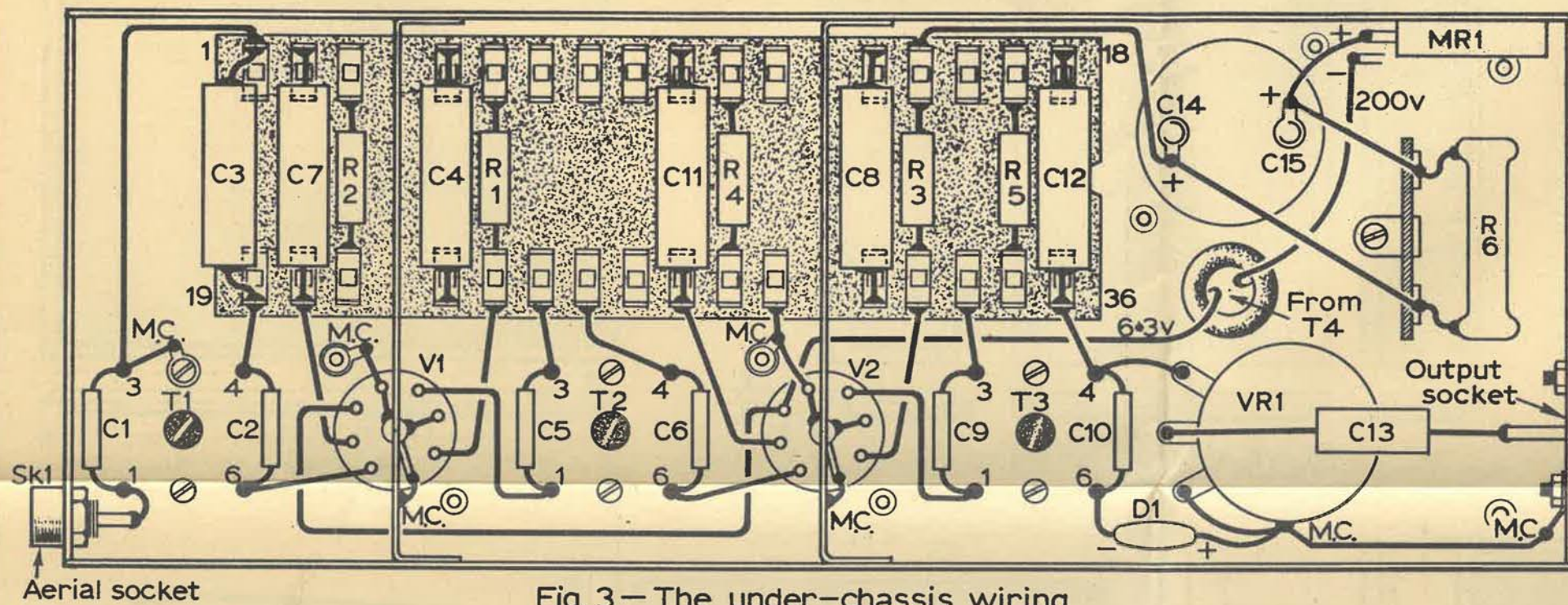


Fig. 3 - The under-chassis wiring

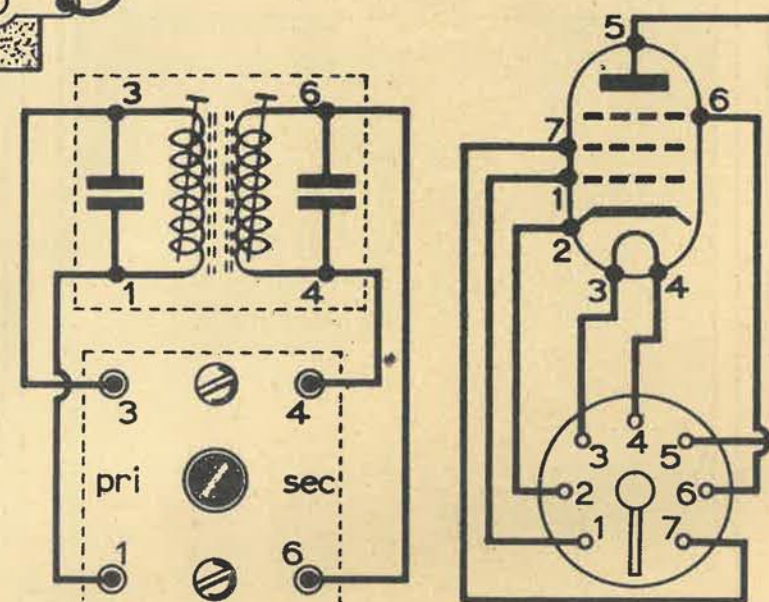


Fig. 5 - I.F. coils and valvebase details

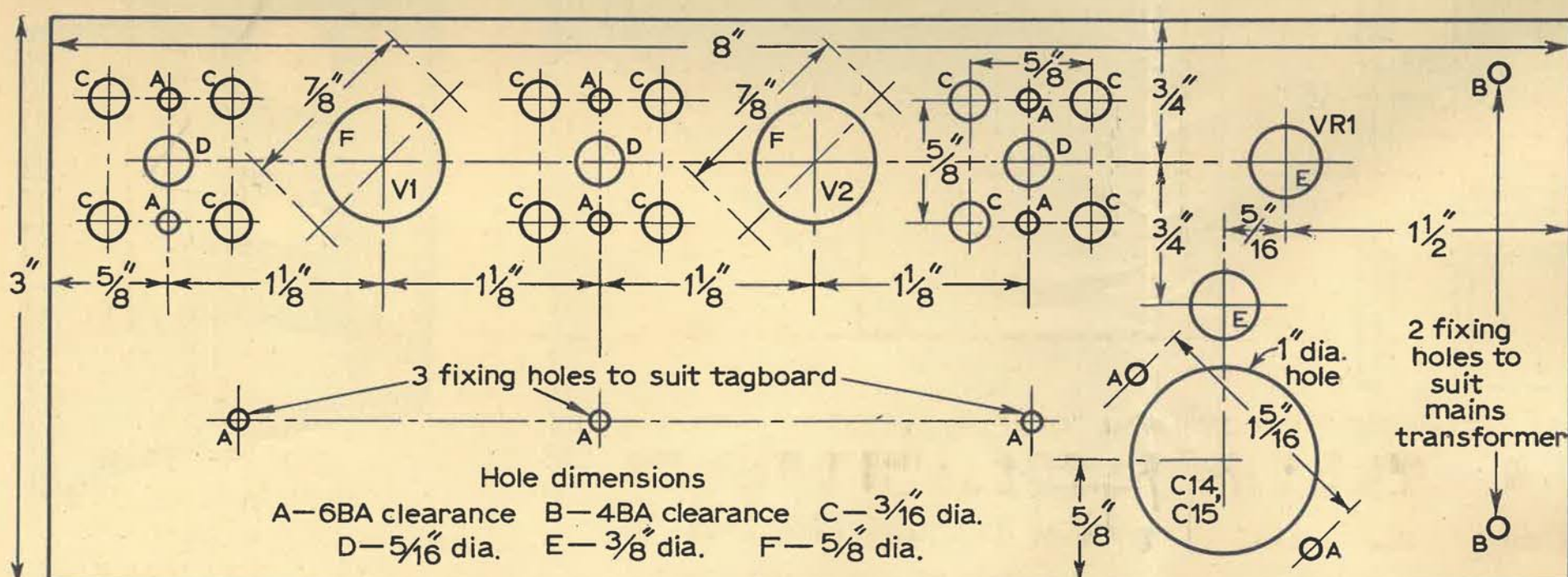


Fig. 4 - The chassis drilling diagram

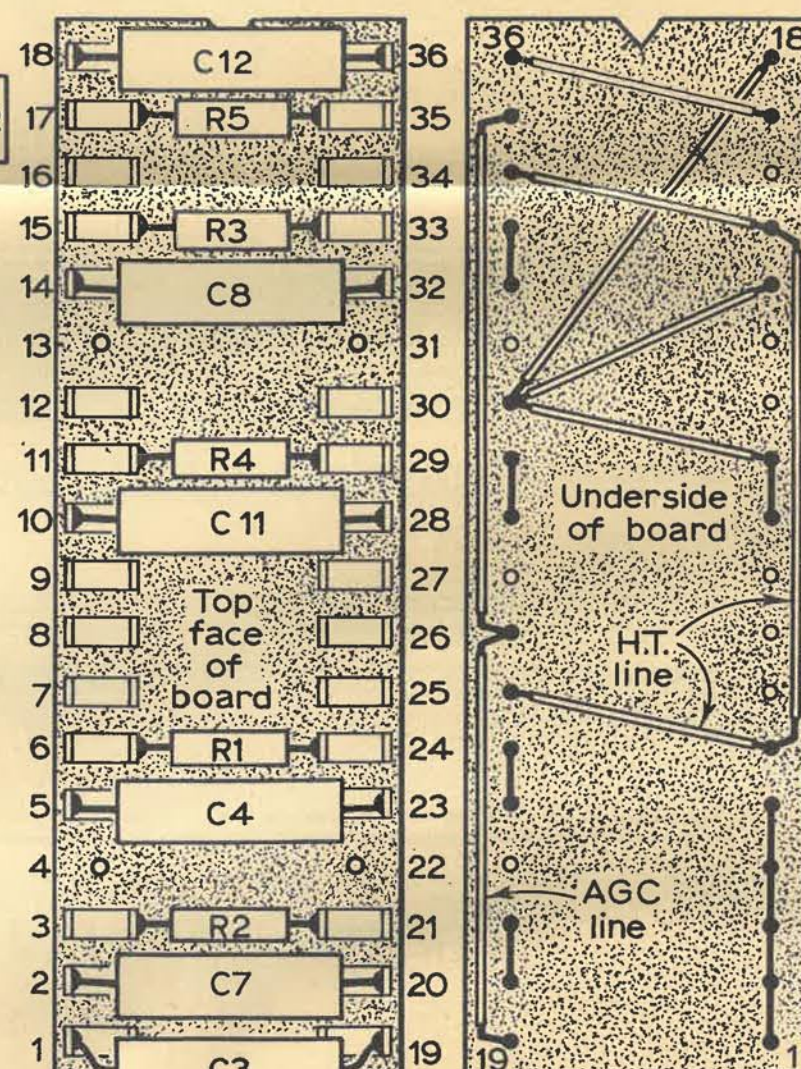


Fig. 6 - The tagboard wiring