PRESENTED FREE
WITH
"PRACTICAL WIRELESS"
JUNE 1964

Practical Wireless

Transistor Radio MAINS UNIT

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

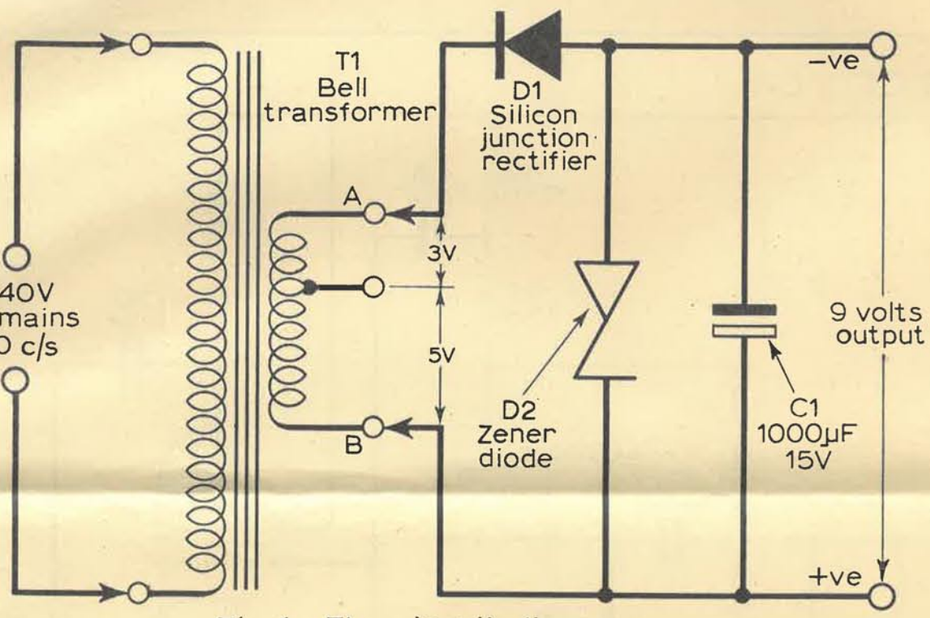


Fig. 1 – The circuit diagram.

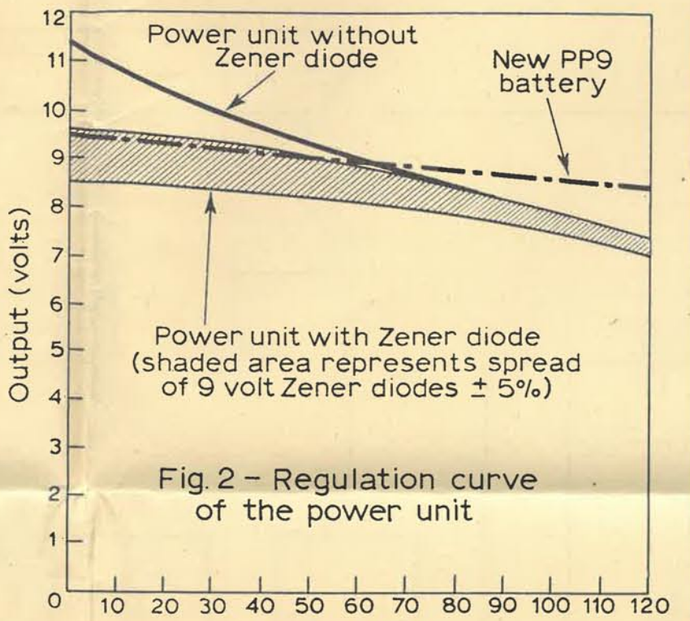


Fig. 2 – Regulation curve of the power unit

COMPONENTS LIST

C1.....1000μF electrolytic 15V (Radiospares 'Sub-miniature')

D1.....Silicon Junction Rectifier 30V 500mA (A.E.I. type XU611)

D2.....Silicon Zener diode 9V ±5% 2·25W (A.E.I. type VR9B)

T1.....Miniature bell transformer (Ward and Goldstone type E/1095)

Miscellaneous:
Laminated plastic sheet, 1/16 in. thick. Hardboard 1/8 in thick. 6BA csk. head screws; two 1 1/2 in. long, two 1/4 in. long. Two 6BA full nuts; two 6BA half nuts. Twisted flex. Battery connectors; Carr snap fasteners (+) No. 82 stud; (–) No. 77/145 socket. Impact adhesive.

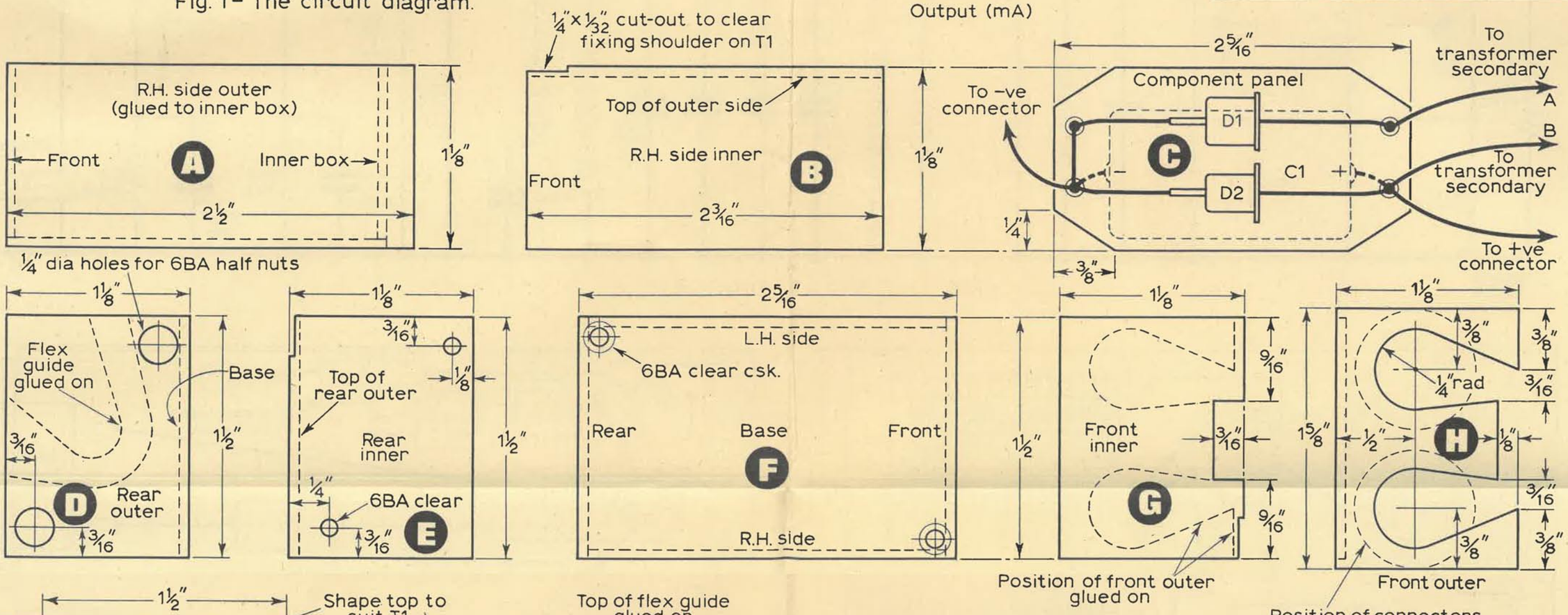
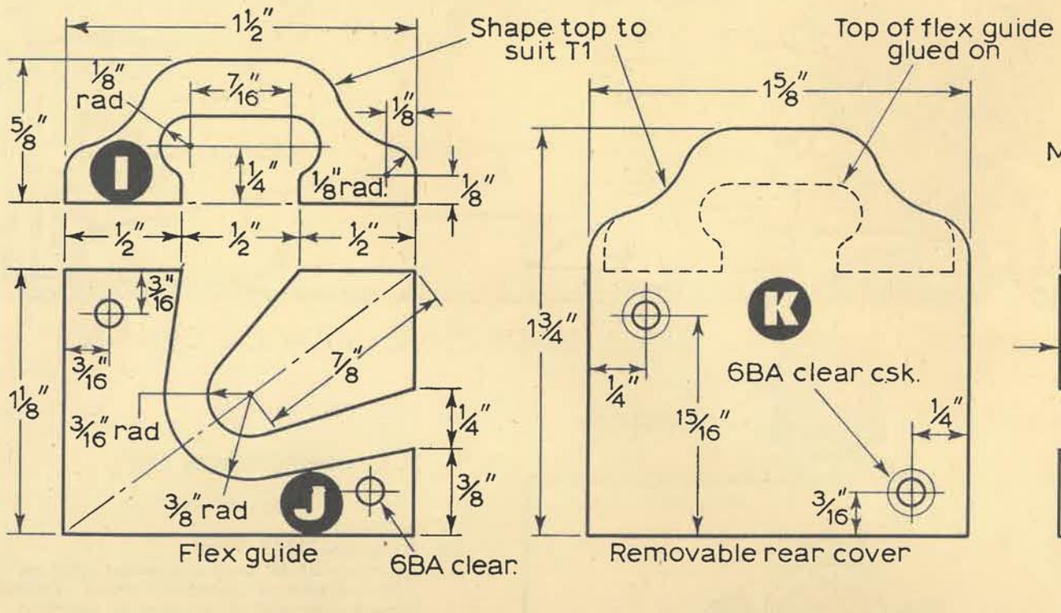
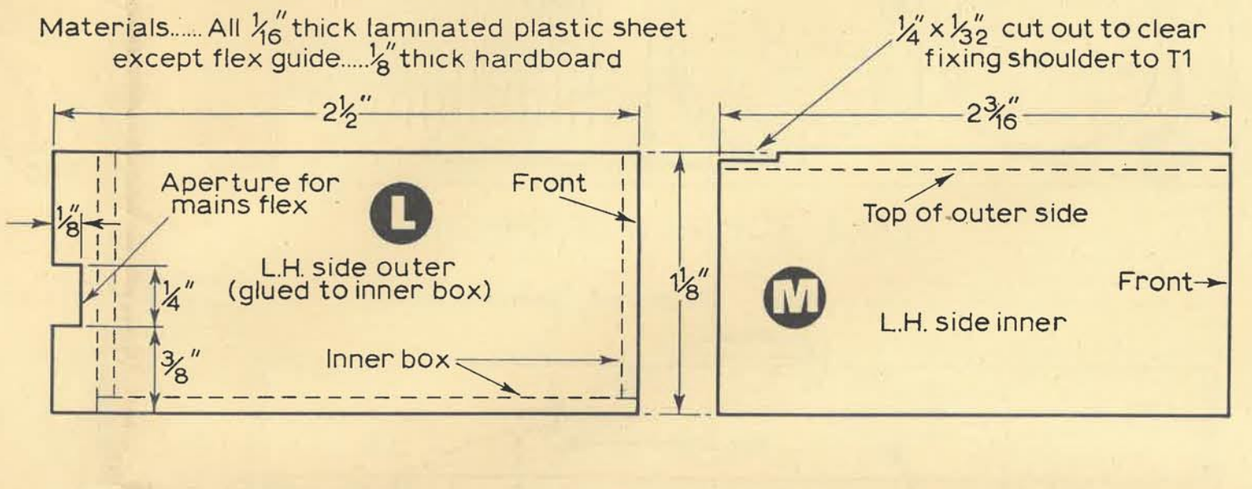


Fig. 3 – Constructional details (scale 1 1/2 : 1)



Materials..... All 1/16" thick laminated plastic sheet except flex guide.....1/8" thick hardboard



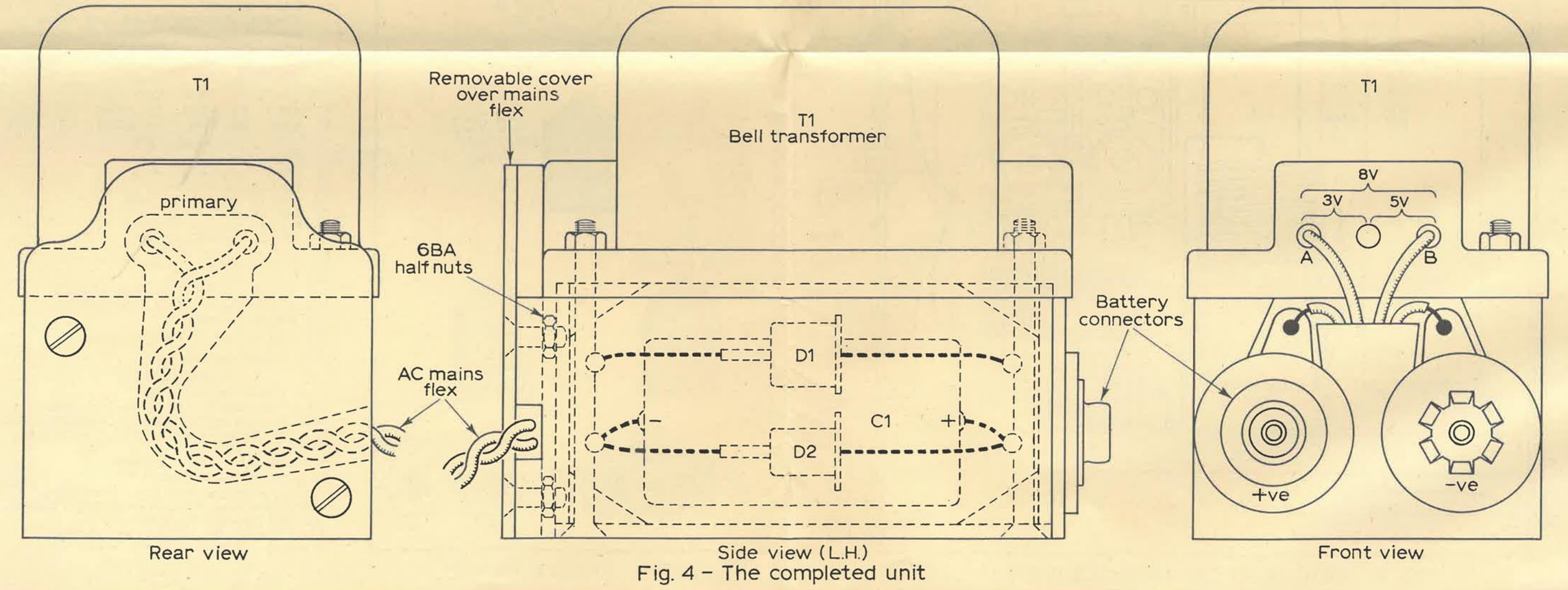


Fig. 4 – The completed unit