

# MAKING MULLARD BATTERY VALVES

**T**HE manufacture of radio valves is a highly specialised industry and, as will be seen from the views of the Mullard Valve Factory

reproduced in the following pages, involves a large number of carefully controlled processes performed by ingenious machines and by operatives possessing a high standard of skill.

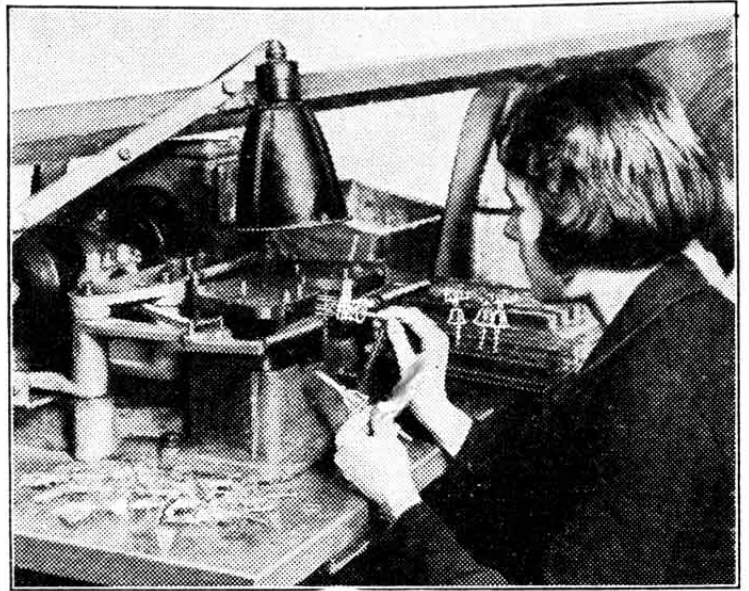


Fig. 1

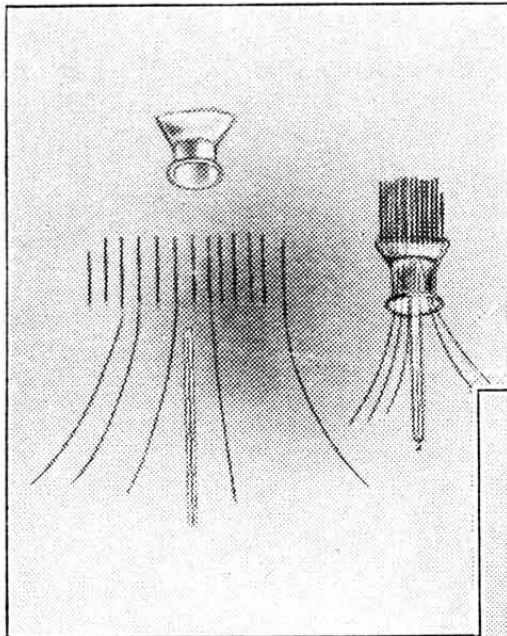


Fig. 2

## THE ELECTRODE SYSTEM

As most listeners are aware, a radio valve comprises essentially a number of elements termed "electrodes" enclosed in a glass bulb from which the air has been extracted. The

electrodes of a three-electrode battery valve are as follows:

First, the *filament* which, when heated by the low-tension current, emits

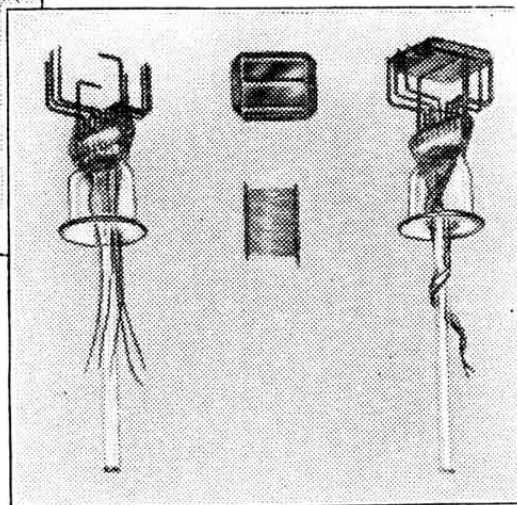


Fig. 3