

DESCRIPTION AND MAINTENANCE INSTRUCTIONS**SEPARATION OF DOME/CAM ASSEMBLY
HAMILTON STANDARD HYDROMATIC PROPELLERS****PURPOSE**

1 To facilitate the separation of cam assemblies from dome assemblies as required for cleaning and dislodging.

GENERAL

2 Figure 1 details the local manufacture of a jig for separating cam assembly from dome shell of Hamilton Standard engine oil operated dome/cam assemblies.

3 Figures 2 to 8 inclusive depict the jig in use.

INSTRUCTIONS

4 The jig is placed in an oil pan and the entire dome assembly is placed on the pillar so that the pillar passes through the centre of the gear, the cam assembly together with the sludge will slide down the pillar out of the dome shell by its own weight (sometimes a slight jar on the head of the pillar is required to release the cam assembly), when the cam assembly falls out of the dome and hits the first step on the pillar the resultant jar is sufficient in most cases to extend the cam into the full feather position for cleaning.

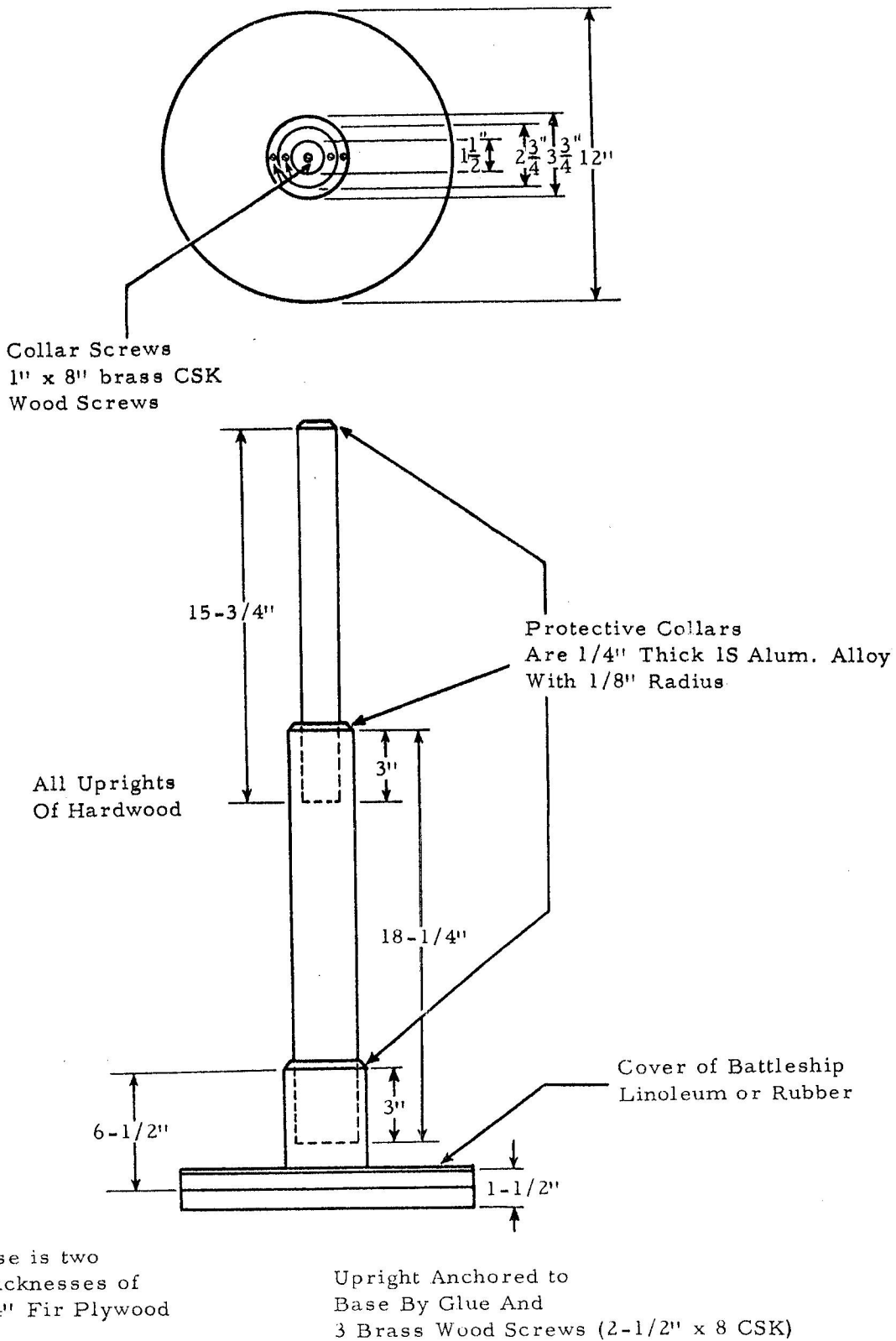


Figure 1

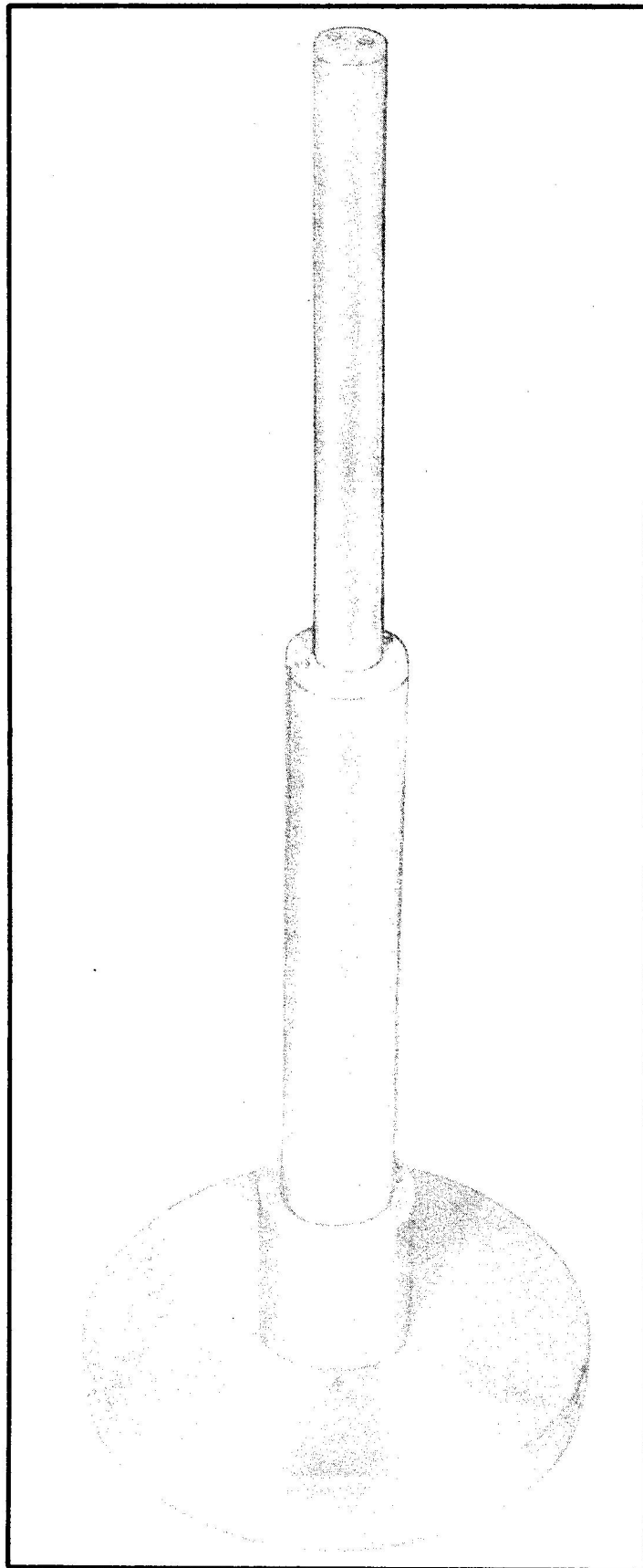


Figure 2

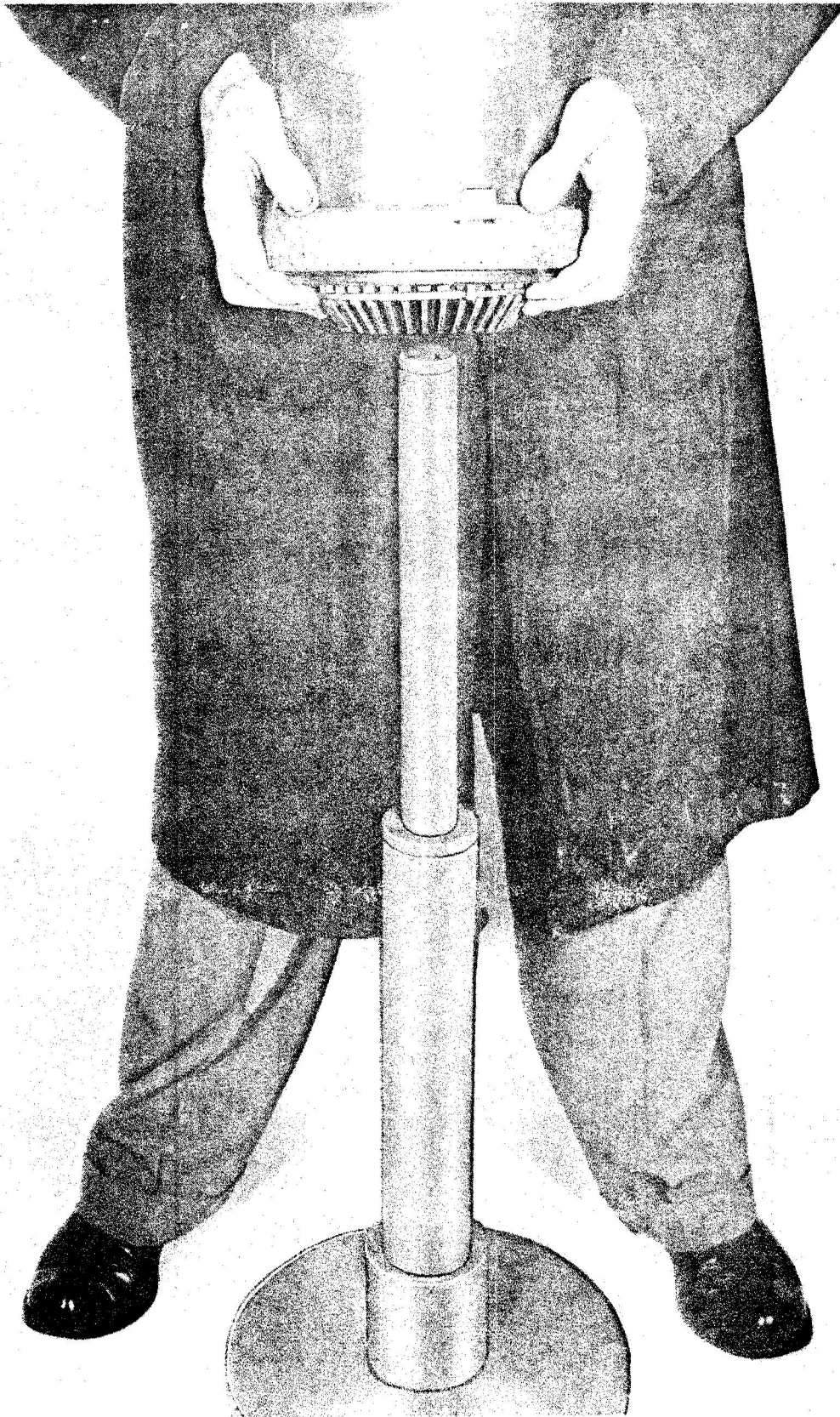


Figure 3

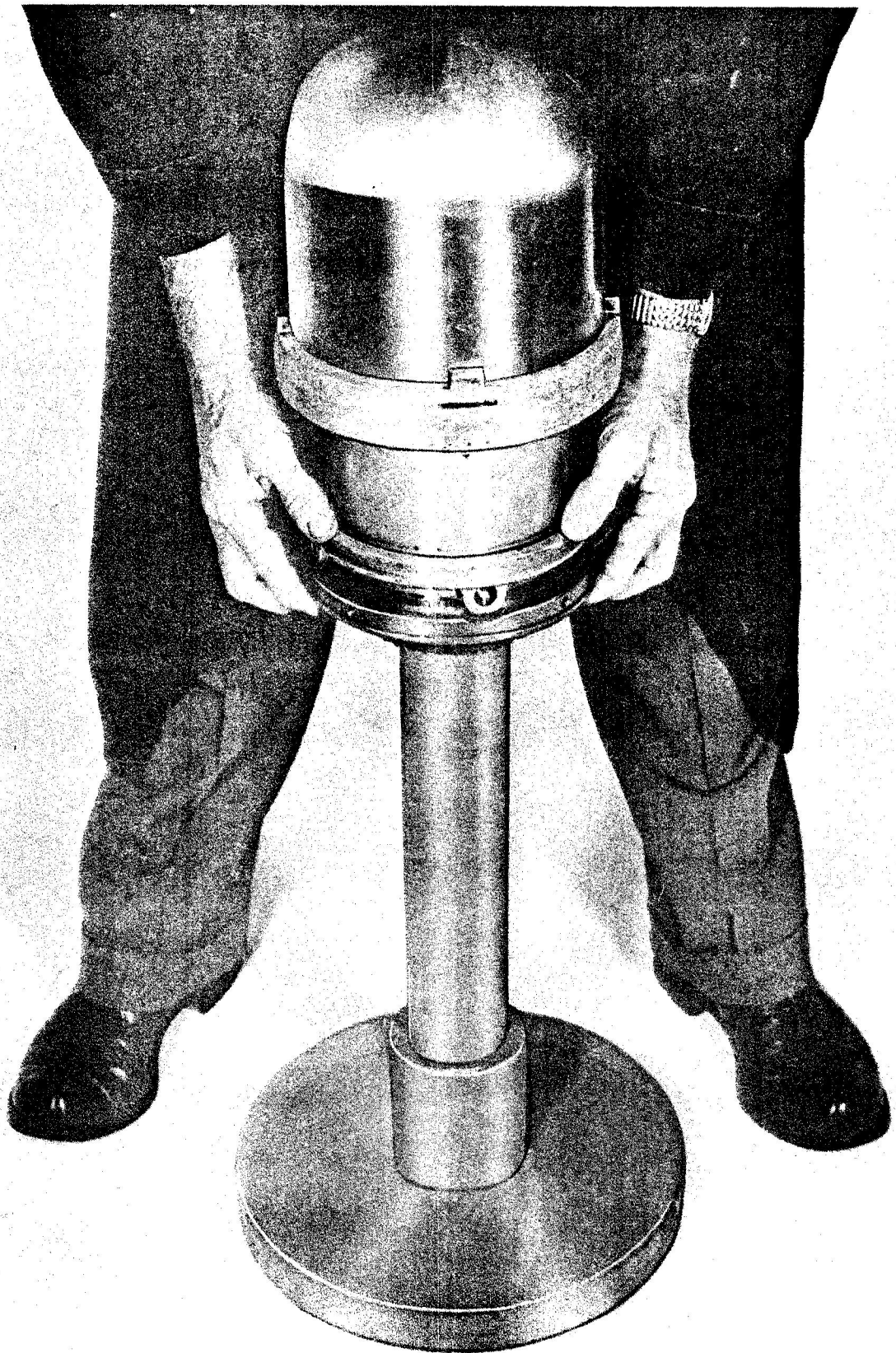


Figure 4

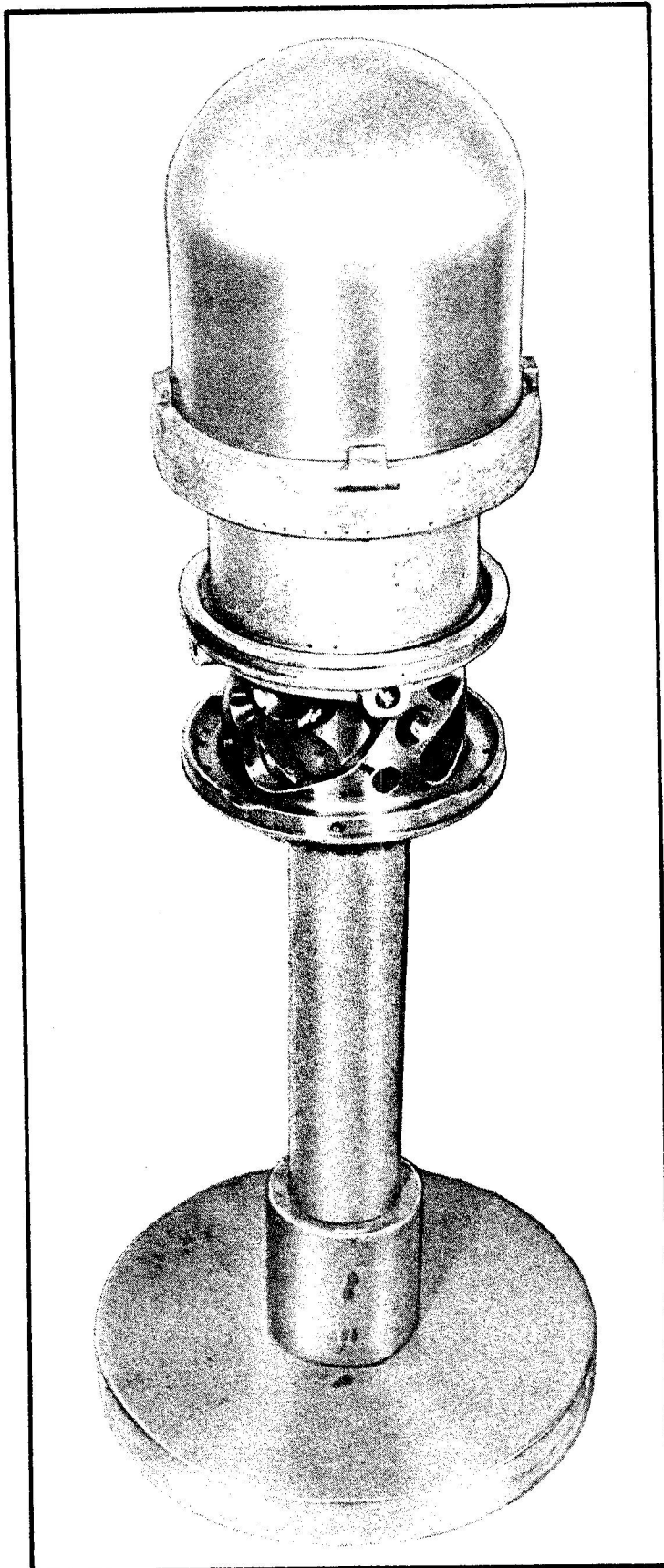


Figure 5

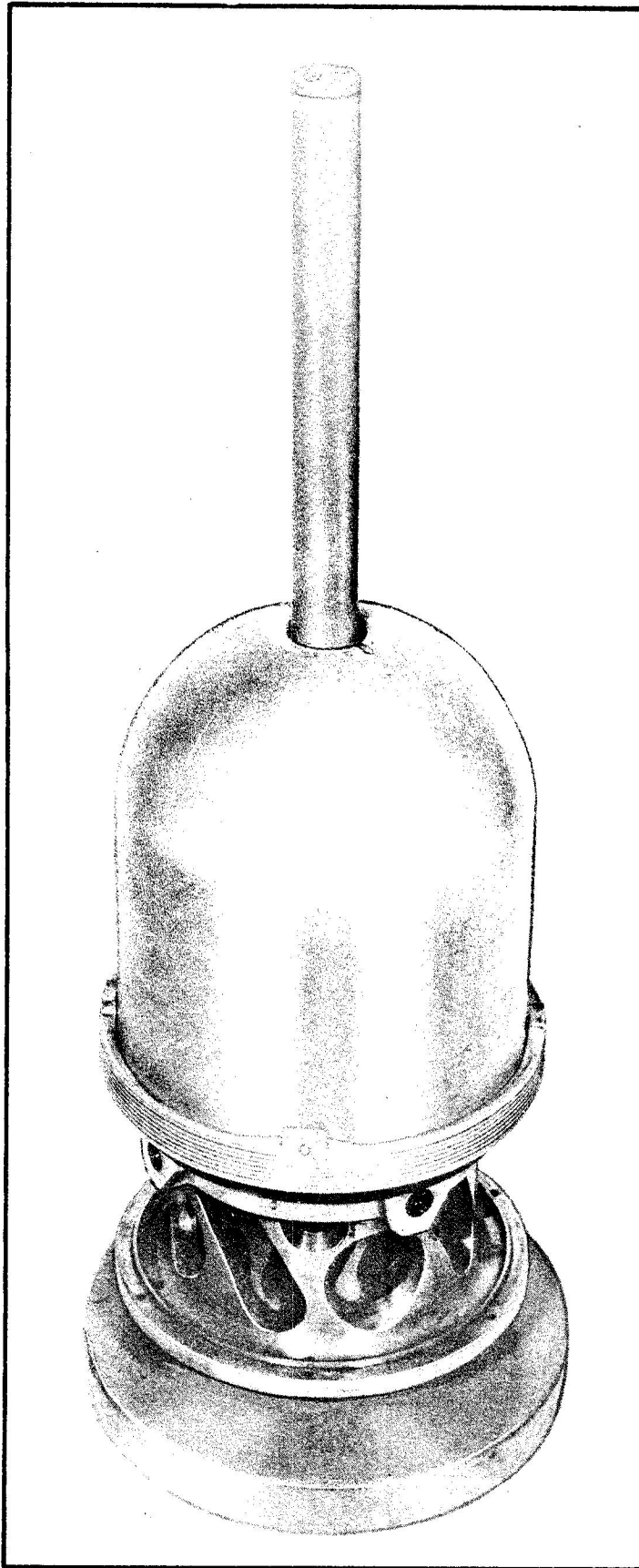


Figure 6



Figure 7

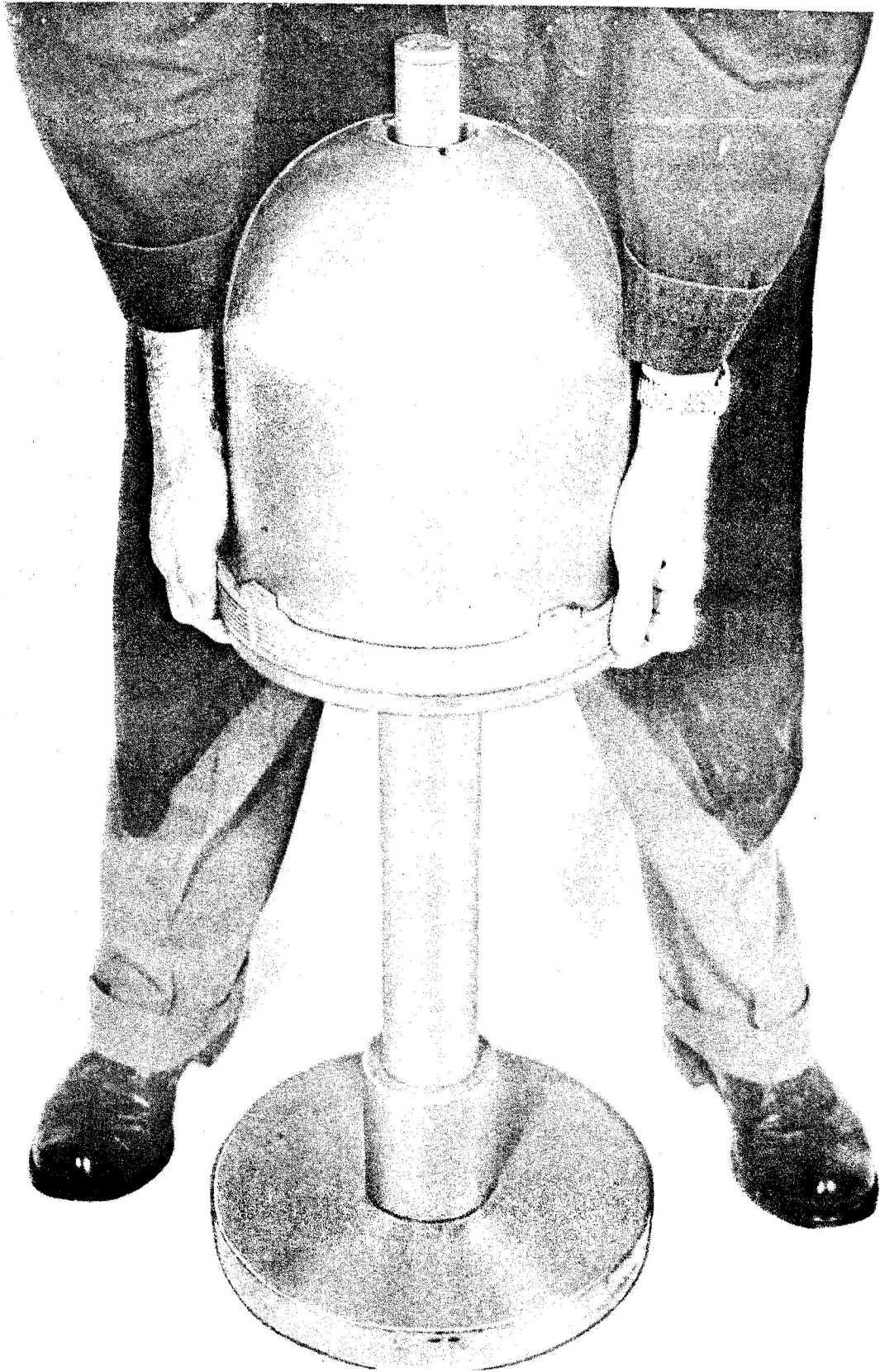


Figure 8

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ISSUED ON AUTHORITY OF THE CHIEF OF THE AIR STAFF

