

### Suck-back preventing device

A compact all glass no-return valve which obviates the sucking back of water from the pump into the apparatus, designed at the Central Drug Research Institute, Lucknow, is described. The valve incorporates a 12-15 mm. diam. ground glass disc resting on a 8-10 mm. diam. glass tube cut square, flared, flattened and ground at the edge. The tube leading in from the pump carrying two holes of about 2 mm. diam. near the edge (Fig. 1) is adjusted above the base tube, allowing for a 3-4 mm. clearing, in which the glass disc moves freely. The whole unit may be housed within a 15-20 mm. diam. 2.5 cm. long glass tube which may form a ground-glass joint to permit ready dismantling and clearing. The unit can also be fused to a water vacuum pump. The valve has no corrosion problems.—SARAB DAMAN KUMAR & JASJIT S. BINDRA, *Central Drug Research Institute, Lucknow*

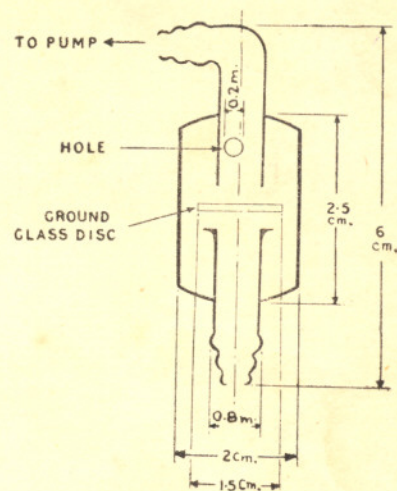


Fig. 1 — The suck-back preventing device