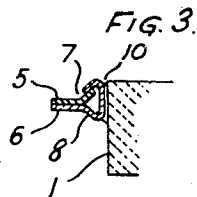
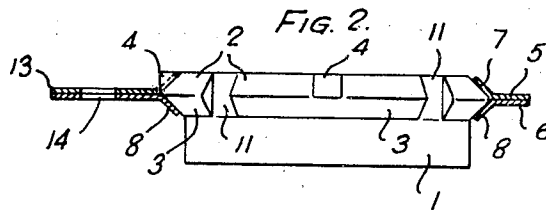
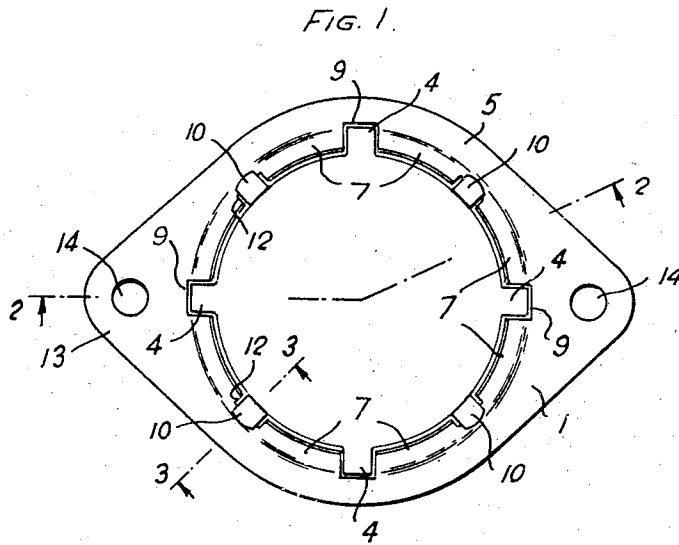


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 HOLDER FOR THERMIONIC VALVES AND THE LIKE AND
 MEANS FOR SECURING THEM TO APERTURED SUPPORTS
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HOLDER FOR THERMIONIC VALVES AND
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THEM TO APERTURED SUPPORTSGeorge Wagstaff, Long Eaton, England, assignor
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2 Claims. (Cl. 173—339)

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The present invention relates to holders for thermionic valve holders, plugs or like electrical devices and saddles for attaching them to apertured supports.

It is known to attach valve holders to supporting panels or the like by saddles which comprise a dished plate which fits round an integral flange on the holder. It is, however, the practice in the trade to provide the panels with apertures of a standard size and of a diameter only slightly larger than that of the upper face of the holder but too small to permit the holder to be correctly assembled if the dished saddle overlaps the side of the holder flange. As a consequence it is necessary to use different saddles, or to assemble the saddles differently with respect to the holder, according to whether it is desired to attach the holder and saddle to the upper or lower face of the panel.

It is an object of this invention to provide means whereby this drawback is avoided.

According to the present invention a holder for a thermionic valve, plug or the like comprises a body having a projecting flange or flanges of outwardly tapering wedge shape, in combination with a saddle or like member having an aperture to receive the holder body and a wedge-shaped recess or recesses to accommodate the flange or flanges, the saddle having means for attachment to an apertured support.

If the maximum diameter of the holder is slightly less than that of the aperture in the support, the present arrangement permits the saddle and holder to be attached, at will, to either of the opposite faces of the support without danger of part of the valve fouling the support and preventing full insertion of the valve in the holder when the saddle is attached to the rear face of the support.

To enable the invention to be fully understood it will now be described with reference to the accompanying drawings, in which:

Fig. 1 is a plan view of a valve holder mounted in a saddle member according to one embodiment of the invention,

Fig. 2 is a sectional view on the line 2—2 of Fig. 1, and

Fig. 3 is a fragmentary section on line 3—3 of Fig. 1.

As shewn in the accompanying drawings, the valve holder comprises a cylindrical body 1, normally provided with apertures in which are housed pin-receiving contacts. These are omitted from the drawing for the sake of clarity. The body 1 has a wedge-shaped flange tapering outwardly

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away from the body 1, and comprising inclined walls 2, 3. The upper inclined walls 2 have integral lugs or abutments 4 equally spaced circumferentially of the body 1 and having the upper faces flush with the upper face of the holder to serve as a seat for the base of the valve or the like.

The saddle member comprises two sheet metal plates 5, 6 having a central aperture to receive the body 1 and inclined walls 7, 8 at the edge of the central aperture which together form a wedge-shaped recess which accommodate the wedge-shaped flange of the holder. The plate 5 is also formed with recesses 9 into which the abutments 4 enter to lock the holder and saddle against relative rotation.

The plate 6 is formed with integral tongues 10 which are bent upwardly and outwardly over the edge of the plate 5 to lock the plates in assembly with the holder. Gaps 11 between the flange and recess 12 in the plate 5 are provided to receive the tongue. Other locking means may, however, be provided.

The plates have offset portions 13 having apertures 14 to receive rivets or the like for securing the saddle to an apertured panel or like support on which the valve is to be mounted.

The advantage of the present invention is that the inclined walls 7, 8 of the saddle extend between the abutments 4 and accordingly lie within the normal maximum diameter of the flanges. Accordingly, if this diameter is only slightly less than that of the aperture in which the holder is to be mounted in the supporting panel, the upper face of the holder will lie flush with, or slightly above, the front face of the panel when the saddle is attached to the rear face of the panel.

I claim:

1. A holder for a thermionic valve, plug, or the like electrical device comprising a holder body having upper and lower faces and a projecting wedge-shaped flange adjacent said upper face in combination with a saddle member having an aperture to receive the holder body and a wedge-shaped recess to receive said flange, said flange having a recess therein and an abutment projecting from said flange, said saddle member comprising upper and lower plates surrounding said aperture, said plates having inclined wall portions cooperating to form said flange-receiving recess, the inclined wall portion of said upper plate having an abutment-engaging recess, the inclined wall portion of one of said plates having an integral tongue bent to lock over the inclined wall portion of the other of said plates to secure

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said plates in assembly with said holder body, said tongue being disposed within said recess of said wedge-shaped flange when said plates are in interlocked relation.

2. A holder for a thermionic valve, plug or the like electrical device comprising a holder body having a projecting flange adjacent an upper face of said holder body in combination with a saddle member having an aperture to receive the holder body and a recess to receive said flange, said flange having a recess therein and an abutment projecting from said flange, said saddle member comprising upper and lower plates surrounding said aperture, said plates having wall portions co-operating to form said flange-receiving recess, the wall portion of said upper plate having an abutment-engaging recess, the wall portion of one of said plates having an integral tongue bent to

lock over the wall portion of the other of said plates to secure said plates in assembly with said holder body, said tongue being disposed within the recess of said projecting flange when said plates are in interlocked relation.

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