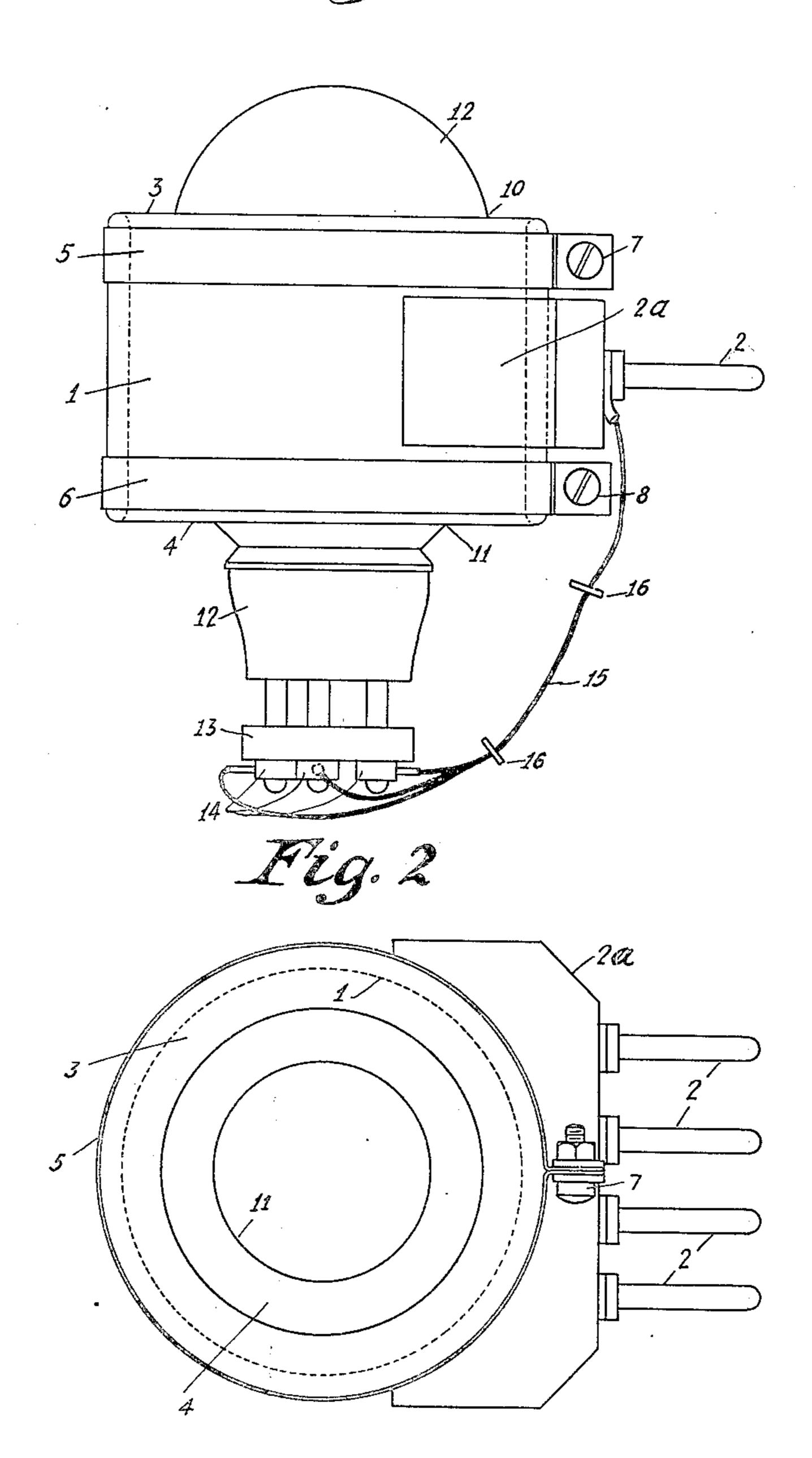
THERMIONIC VALVE HOLDER
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THERMIONIC VALVE HOLDER

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anti-microphonic holders.

The object of the invention is to hold the invention, what we claim is: tube securely in its holder, yet not to transmit 1. A thermionic tube holder adapted to be 55 any vibrations from the holder to the tube with resultant amplification of the vibrations

and distortion of the signals.

According to this invention a thermionic valve holder comprises a frame, means for rigidly supporting said frame from a panel or the like, and one or more resilient diaphragms carried by the said frame, the said diaphragms being provided with holes wherein a thermionic valve may be inserted and resiliently supported.

The invention is illustrated in the accom- ent sizes to receive a tube. panying drawing, in which Fig. 1 shows an elevation, and Fig. 2 a plan, with the lamp removed, of one form of construction.

Referring to the drawing the thermionic valve holder comprises an open sided drumlike frame 1 of ebonite which is adapted to be supported with the open flat sides horizontal by means of four parallel plugs 2 projecting from an insulating member 2a attached to or formed with the curved surface of the frame. The plugs 2 are adapted to be plugged into corresponding sockets in

a panel or the like (not shown).

Stretched across each flat side of the frame 1 is a rubber diaphragm 3, 4 which is held in position by a metal, fibre, leather or other band 5, 6 clamped round the drum by means of bolts and nuts 7, 8. Each diaphragm is provided with a central hole 10, 11, that in the upper diaphragm 3 being the larger. The said holes are of such size that a thermionic valve 12 of normal form may be inserted therethrough and be resiliently supported by the diaphragms 3, 4, so that the larger end of the pear-shaped bulb of the valve is above the frame 1, and the cap and contact pins thereof below.

Electrical connection is made to the valve via the plugs 2 supporting the frame 1 by means of a small disc 13 of ebonite which is provided with sockets 14 adapted to fit over the valve pins and electrically connected by means of flexible wires 15 to the said

This invention relates to thermionic valve plugs 2 supporting the frame, the said wires holders, and more particularly to so called 15 being spaced apart by suitable spacers 16.

Having now particularly described our

supported by a panel comprising a frame, prongs on said frame for supporting said frame from the panel and a pair of resilient diaphragms carried by said frame, said diaphragms being apertured to receive a tube.

2. A thermionic tube holder adapted to be supported by a panel comprising a frame, prongs on said frame for supporting said frame from the panel and a pair of resilient diaphragms carried by said frame, said dia- 65 phragms being apertured with holes of differ-

3. A vacuum tube holder comprising a frame which is apertured to grip and support the envelope of a tube, prongs on said frame 70 which are adapted to be inserted into a socket, and flexible connectors from these prongs to a cap which is adapted to contact with the prongs of the vacuum tube.

4. A holder for a vacuum tube compris- <sup>75</sup> ing a tubular frame open at both ends, resilient diaphragms stretched across the two open ends of the frame and apertured so as to receive and resiliently support a tube, terminal lugs on said frame, a tube socket provided with terminal lug receivers and means for electrically connecting said terminal lugs to corresponding ones of said terminal lug receivers.

5. A thermionic tube holder, adapted to be 85 supported by a panel, comprising a tubular enclosure, terminal lugs on said frame for supporting said frame from the panel, a pair of resilient members carried by said frame, 90 said members being apertured to receive a tube, a cap provided with contact elements adapted to contact with the prongs of a vacuum tube and means for providing electrical connections between the contact elements of said cap and the prongs on said frame.

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