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RADIO TUBE ATTACHMENT

Filed Jan. 28, 1926

Fig. 1.

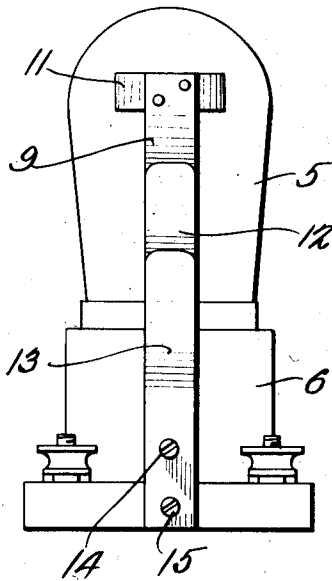
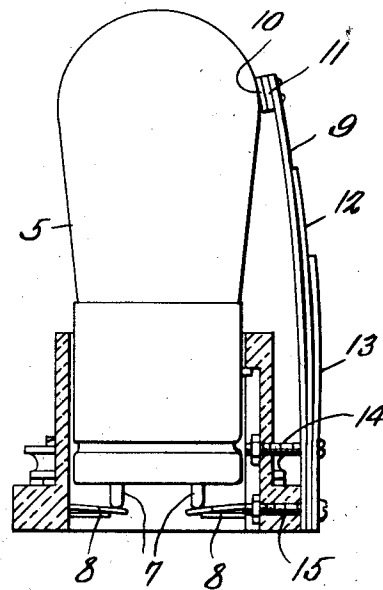


Fig. 2.



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RADIO TUBE ATTACHMENT.

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For the sake of illustration, it is a known fact that tubes of a radio apparatus when positioned in their sockets, lean to the side of the instrument where the grid and plate are connected to the terminals of the tube sockets, which often causes certain contact pins of the tubes to become disengaged from the contact points of their sockets, causing noises to be produced interfering greatly with the reception of the machine.

It is therefore the object of the present invention to provide means to be employed in connection with the tubes and sockets of a radio, for engaging the tubes and holding them in upright positions, insuring true contacts between the contact members of the tubes and sockets.

A further object of the invention is to provide a device of this character which will be readily and easily attached to a tube socket, eliminating the necessity of making extensive alterations in the socket to install the device.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, may be made within the scope of what is claimed, without departing from the spirit of the invention.

Referring to the drawing:

Figure 1 is an elevational view illustrating a device constructed in accordance with the invention as employed in connection with a radio tube.

Figure 2 is a view illustrating the socket of the tube in section.

Referring to the drawing in detail, the reference character 5 indicates the tube of a radio apparatus which is positioned within the socket member 6 in the usual and well known manner.

The tube and socket are provided with the usual contact members 7 and 8 respectively through which the circuit passes to the tube.

The device forming the essence of the invention includes a main arm 9 which is substantially long and provided at its outer end with a padding member 10 formed of cork or other suitable material, the padding member being secured to the cross piece 11,

which is curved to conform to the curvature of the tube against which the same bears.

Associated with the arm 9, is an arm 12 which is shorter than the arm 9, to bear against the arm 9 as shown by Figure 2. An arm 13 which is shorter than arm 12 is secured adjacent to the arm 12, and as shown is shorter than the arm 12 to set up a binding action with arm 12 while in use.

At the lower end of the arms are suitable openings to accommodate the screws 14 and 15 respectively, which screws also pass into the socket member in which the tube is positioned. The screw 15 acts as a securing screw for securing the arms in position, while the screw 14 acts as an adjusting screw whereby tension may be placed on the arms to meet various requirements.

It might be further stated that these arms are formed preferably of flexible material and are curved inwardly as shown by Figure 2 so that the natural tendency of the arms is to exert an inward pressure on the tube associated therewith.

From the foregoing it will be obvious that due to this construction, a tube may be straightened within its socket and held in such straightened position to cause a true engagement between the contacts of the tube and socket member.

I claim:

1. In a device of the character described, a socket member, a tube mounted within the socket member, a substantially long resilient arm extending from the socket member, means at the upper end of the arm for engaging the tube, arms cooperating with the first mentioned arm to urge the first mentioned arm towards the tube, and means for securing the arms to the socket member.

2. In a device of the character described, a socket member, a tube positioned within the socket member, resilient arms, one of said arms extending upwardly above the socket member and carrying a cushioning member, a securing screw passing through the arms for securing the arms to a socket member, and an adjustable screw extending through the arms for adjusting the arms towards and away from the socket member and tube.

3. In a device of the character described, a socket member, a tube positioned within the socket member, arms secured to the sock-

et member, a cross piece carried by one of the arms and having a cushioning member mounted thereon to engage the tube, and an adjusting screw passing through the arms and socket member for adjusting the arms with respect to the tube. the socket member, means at the free end of one of the arms for engaging the tube, and an adjusting screw for adjusting the tension of the arms for holding the tube in a vertical position.

4. In a device of the character described, a socket member, a tube mounted within the socket member, flexible arms secured to

In testimony that I claim the foregoing as my own, I have hereto affixed my signature.

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