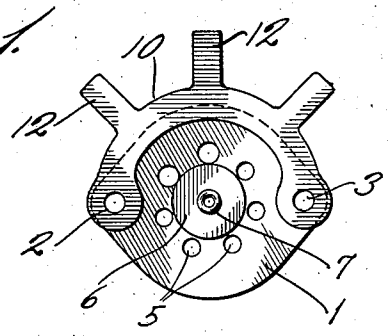
Sept. 14, 1937. M. E. PARADISE 2,092,930

GROUND CLIP

Filed July 23, 1936

Fig. 1.



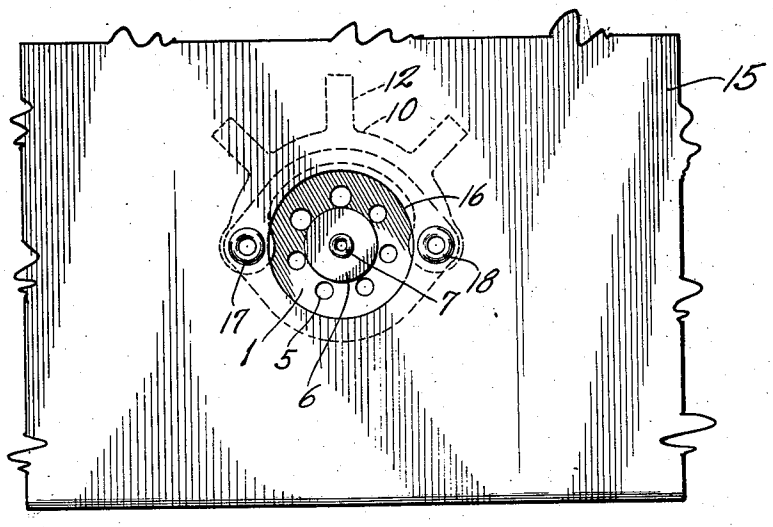


Fig. 2.

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GROUND CLIP

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Application July 23, 1936, Serial No. 92,265

2 Claims. (Cl. 173—324)

This invention relates to a ground clip particularly for use with vacuum tube sockets. In radio apparatus it is customary to rivet the tube sockets at several points to a metal chassis pan. While such pans are cadmium plated to protect against rusting and promote soldering, it is frequently difficult to solder because of the large mass of the pan. An object of this invention is to provide a clip which may be riveted to the pan with the socket and be used as a ground terminal.

Figure 1 shows a top view of a socket and ground clip.

Figure 2 shows the socket and clip riveted to a pan.

The socket may be of the conventional type having an insulating lamination 1 provided with a pair of apertures 2 and 3 for mounting. A plurality of apertures 5 for plug prongs are provided giving access to contacts below sheet 1. A centering disc 6 mounted by an eyelet 7 may be provided. Any other type of socket may be used instead.

A ground clip 10 of generally semi-circular outline is provided. This clip extends from aperture 2 to aperture 3 and has registering apertures. Ears 12 extend outwardly from the edge of clip 10 and provide soldering surfaces. As shown, clip 10 is ribbon shaped so that the inside edge clears the active top socket area.

To a chassis pan 15, socket 1 is attached. Pan 15 has an opening 16 to clear the active socket face. Below pan 15, clip 10 is disposed, its inner edge being outside of the opening 16. Each clip 10 and socket 1 are rigidly united to pan 15 by eyelets 17 and 18 passing through apertures 2 and 3. Ears 12 may be bent away from the chassis pan and used as a ground lug.

What is claimed is:

1. In combination with a radio chassis metal panel having an aperture, a vacuum tube type socket disposed on one side of said panel with the active socket face exposed through said aperture, a ground clip comprising a semi-circular metallic strip having soldering ears extending from the outer edge thereof, said ground clip being disposed as to hug the socket, and common metallic means for fastening said socket and clip on said panel and forming a ground connection between said clip and panel.

2. The structure of claim 1 wherein the ground clip is a flat strip and is disposed with its flat surface against the panel surface and wherein the ears extend up from the panel surface for soldering purposes.

MAURICE E. PARADISE.