Jan. 10, 1928. 1,655,904

T. W. HOTT

CABLE MARKER

Filed June 21, 1926

Fig. 1.

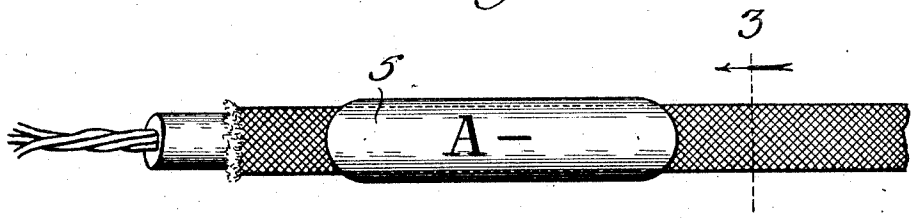


Fig. 2.

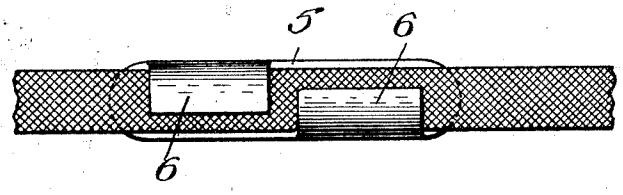
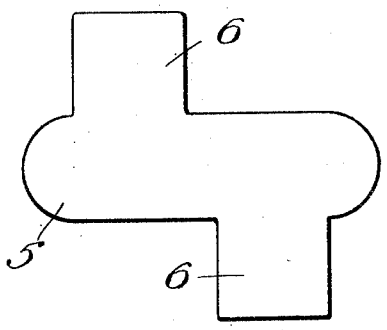


Fig. 3.



Fig. 4.



Inventor:
Thomas W. Hott,
By Dyrenforth, Lee, Chritton & Wills,
Attys.

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UNITED STATES PATENT OFFICE.

THOMAS W. HOTT, OF CHICAGO, ILLINOIS, ASSIGNOR TO CROWE NAME PLATE & MANUFACTURING CO., OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

CABLE MARKER.

Application filed June 21, 1926. Serial No. 117,447.

My invention relates more particularly to markers for application to the electric cables of radio-receiving apparatus to designate the various leads.

Certain of my objects are to provide a simple and economical construction of marker; to provide a marker which may be secured to a large variety of sizes of cables; to provide a marker of such compactness that, when applied to the cable, it will not present obstruction to the ready insertion of the cable through the opening provided therefor in the cabinet of the apparatus; to provide a marker which will present the minimum danger of tearing, or otherwise impairing, the insulating covering of the cable; to provide a marker which may be readily and securely applied to the cable; and other objects as will be manifest from the following description.

Referring to the accompanying drawing:—

Figure 1 is a view in side elevation of a portion of a cable provided with a marker in accordance with my invention, the marker being shown by a face view thereof. Figure 2 is a similar view of the structure shown in Fig. 1, but viewing it from the opposite side thereof. Figure 3 is a section taken at the line 3 on Fig. 1 and viewed in the direction of the arrow; and Figure 4, a plan view of the blank from which the marker is produced.

My improved marker, according to the preferred embodiment of my invention, is formed from a single blank of metal preferably of such character that it may be readily bent by pliers and remain in bent condition, as for example zinc, soft steel, brass or aluminum. Such a blank is shown in Fig. 4 and is formed of a plate portion 5 adapted to present the desired marking, as for example by etching it thereon, and provided at opposite edges thereof with lugs 6 projecting in opposite directions crosswise of the plate portion 5 and arranged in staggered relation to each other, as shown.

The plate portion 5 of the device is preferably preliminarily bent generally into the curved form shown in Fig. 3, in which condition it would be provided for application to the cable to be equipped therewith, though if desired the device may be provided of the flat form shown in Fig. 4.

In applying the marker to a cable it is positioned at its plate portion 5 against the side of the cable as shown in Figs. 1, 2 and 3, and the lugs 6 bent around the cable as shown. By preference the metal of the device would be such that the bending of the lugs 6 into the desired close engagement with the cable, and the bending of the plate portion 5 into the desired conforming fit upon the cable, where the plate portion 5 is provided flat or where it is provided of curved shape but of a curvature either greater or less than that of the cable to which it is applied, would require the use of ordinary pliers.

One of the advantages presented by a marker made in accordance with my invention is the adaptability of the marker to widely differing sizes of cables, due to the fact that the clamping portions of the device at their extremities are arranged in staggered relation whereby they extend in relatively overlapped relation as shown in Fig. 2. In this connection it may be stated that in the furnishing of these markers to the trade with the plate portion 5 curved as above stated, the curvature would be preferably that of the medium size one of the varieties of cables with which it may be used so that this plate portion would, in the application of the marker to the cable, be straightened out slightly when applied to larger cables, and bent to present greater curvature when applied to the smaller cables.

A further advantage arising from the use of a marker in accordance with my invention arises from the fact that the marker when applied to the cable may be caused to very closely embrace the latter, thereby presenting a very compact structure and being free of objectionable protruding parts which if present would prevent the cable being threaded at its marker-equipped portion through the opening therefor. Furthermore, it will be noted that danger of the marker tearing, or otherwise impairing, the insulating covering of the cable is greatly minimized.

While I have illustrated and described a particular conctruction embodying my invention, I do not wish to be understood as intending to limit it thereto as the same may be variously modified and altered without departing from the spirit thereof.

What I claim as new, and desire to secure by Letters Patent, is:

1. A cable marker formed from sheet

metal and comprising a central plate portion for receiving markings having a lug portion on one side adjacent one end and a like lug portion on the other side adjacent the other end, said lug portions being adapted to be bent about the cable in staggered relation to each other, the marker being adapted to snugly embrace the cable when applied thereto.

2. A cable marker formed from sheet metal comprising a plain rectangular central plate and two rectangular lug portions extending outwardly from said plate at opposite sides thereof, one at one end of said plate and the other at the other end of said plate, the plate and said outwardly extending portions being adapted to be bent about and snugly fit a cable.

3. A cable marker formed from sheet metal comprising a plain rectangular central body portion and two rectangular lug portions whose combined width is less than the length of said body portion and which extend outwardly from said body portion at opposite sides thereof, one at one end and the other at the other end, the body portion and said lugs adapted to be bent about and snugly fit a cable, said lugs overlapping each other laterally when so bent.

THOMAS W. HOTT.