Feb. 20, 1945. H. G. A. HEIT 2,369,735

EYELET COVER

Filed March 3, 1943

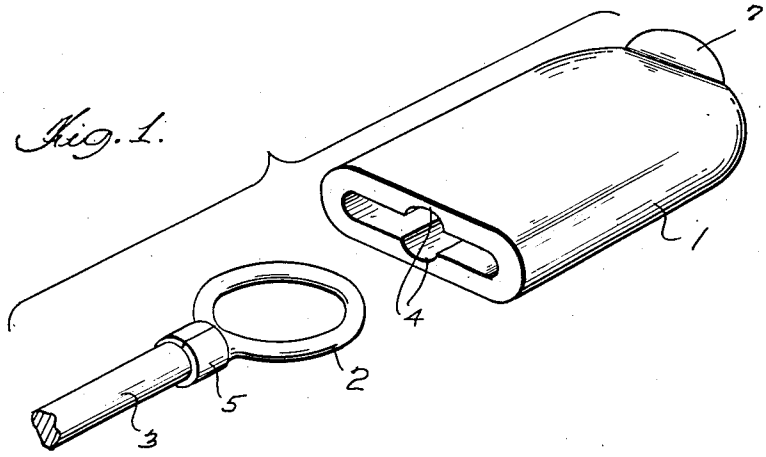


Fig. 1.

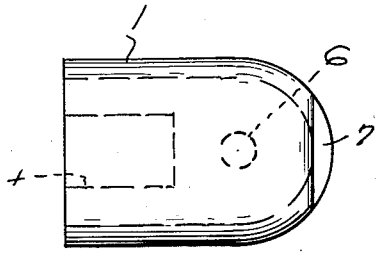


Fig. 2.

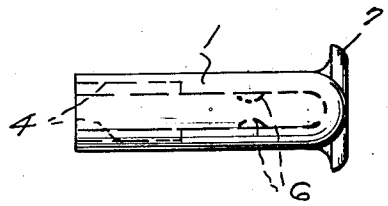


Fig. 3.

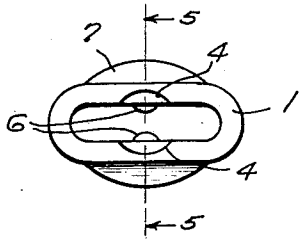


Fig. 4.

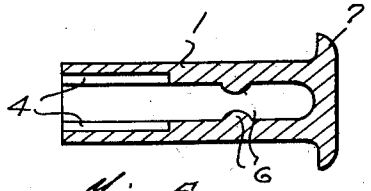


Fig. 5.

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EYELET COVER

Henry George A. Heit, Norfolk, Va.

Application March 3, 1943, Serial No. 477,873

1 Claim. (Cl. 174—167)

The present invention relates to new and useful improvements in covers for terminal eyelets on electric wires, and has for its primary object to provide, in a manner as hereinafter set forth, novel means for insulating such eyelets while the wires are disconnected.

Another very important object of the invention is to provide an insulating cover of the aforementioned character embodying a novel construction and arrangement whereby the device may be expeditiously applied to the eyelet and removed therefrom.

Other objects of the invention are to provide an eyelet cover of the character described which will be comparatively simple in construction, durable, highly efficient and reliable in use, compact, and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawing wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a perspective view of an insulating cover constructed in accordance with the present invention, showing the device separated from an eyelet.

Figure 2 is a plan view of the cover.

Figure 3 is view in side elevation of the device.

Figure 4 is an end elevational view.

Figure 5 is a longitudinal sectional view, taken substantially on the line 5—5 of Figure 4.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a substantially flat, elongated socket 1 of resilient rubber. The socket 1 is adapted to be slipped on a conventional metallic eyelet 2 on one end of a conductor wire 3.

Extending into the socket 1 from its open end to an intermediate point is a pair of opposed grooves or channels 4 which accommodate the connection 5 of the eyelet 2 and the conductor 3. Inwardly of the grooves or channels 4, the socket 1 has formed integrally therewith a pair of opposed nibs or the like 6 which are engageable in the eyelet 2 for releasably anchoring said socket 1 thereon. The closed end of the socket 1 has formed integrally therewith a pull knob or handle 7.

It is thought that the manner in which the device is used will be readily apparent from a consideration of the foregoing. Briefly, the socket 1 is forced on the eyelet 2 and the conductor wire 3 in a manner to engage the nibs 6 in said eyelet. In addition, the construction and arrangement is such that the socket 1 frictionally grips the eyelet and the conductor wire. It will thus be seen that the eyelet will be completely enclosed and insulated. The socket 1, being of resilient rubber, may be conveniently removed when desired by simply pulling same off the eyelet 2.

It is believed that the many advantages of an eyelet cover constructed in accordance with the present invention will be readily understood, and although a preferred embodiment of the device is as illustrated and described, it is to be understood that changes in the details of construction may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:

A one-piece cover for a closed terminal eyelet of an electric wire, comprising an elongated flat socket constructed of resilient insulating material, said socket being open at one end and closed at the other end and having central opposed longitudinal grooves in the inner surfaces of its side walls to accommodate the electric wire, and a pair of opposed nibs integrally formed on the inner surfaces of the side walls inwardly of said grooves and engageable in the eyelet, said socket being inherently tensioned to frictionally grip the wire and the eyelet and to cause the nibs to snap into the eyelet when the socket is placed on the latter.

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