

No. 853,537.

PATENTED MAY 14, 1907.

J. DUBISEE.
HANDLE THIMBLE.
APPLICATION FILED JAN. 3, 1907.

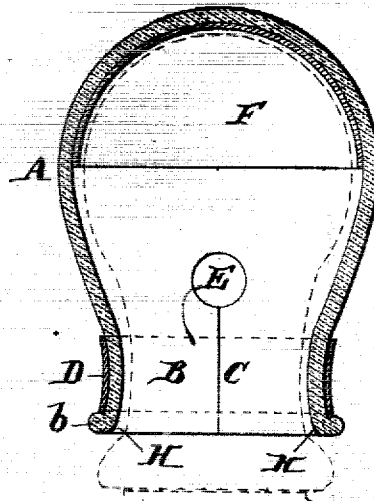


FIG. 2

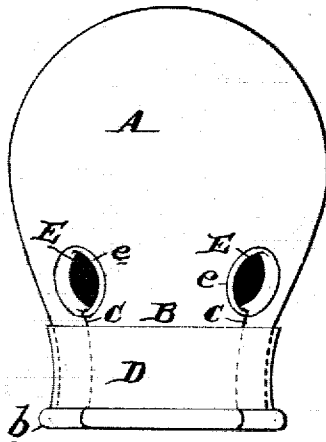


FIG. 1

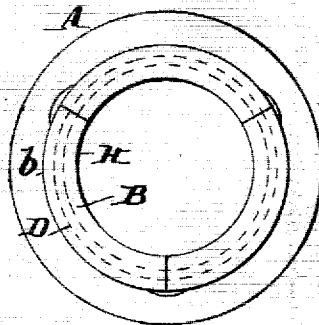


FIG. 3

WITNESSES:

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JOSEPH DUBISEE, OF PHILADELPHIA, PENNSYLVANIA.

HANDLE-THIMBLE.

No. 853,537.

Specification of Letters Patent.

Patented May 14, 1907.

Application filed January 3, 1907. Serial No. 350,628.

To all whom it may concern:

Be it known that I, JOSEPH DUBISEE, of the city and county of Philadelphia, State of Pennsylvania, have invented an Improvement in Handle-Thimbles, of which the following is a specification.

My invention has reference to handle thimbles and consists of certain improvements which are fully set forth in the following specification and shown in the accompanying drawings which form a part thereof.

The object of my invention is to provide a thimble for crank handles such as used on the electric controllers of street cars, which shall protect the hand in cold weather from contact with the metal and which also further provides an insulating protection to the motorman against electric shock.

My invention consists of a thimble, molded of rubber, and having a neck of smaller diameter split down to its lower edge and combined with surrounding elastic band for normally holding the parts of the neck in contact and snugly to the handle, whereby the thimble may be easily placed over or removed from the handle knob.

My invention further consists in providing the interior upper portion of the thimble with an inverted metallic cup which may rest directly upon the handle knob.

My invention also comprehends details of construction which, together with the features above specified, will be better understood by reference to the drawings, in which: Figure 1 is an elevation of a handle thimble embodying my invention; Fig. 2 is a vertical sectional view of the same; and Fig. 3 is an inverted plan view of the same.

A is the head of the thimble and is preferably somewhat ball shaped and terminates at the bottom in a neck portion B of smaller diameter. The lower edge of the neck B is provided with an outwardly directed bead *b* and the inner edge is preferably beveled as at H so as to permit easy entrance of the handle knob (indicated in dotted lines).

The neck B is provided with one or more slits C which preferably terminate at the top in large apertures E at or about the juncture of the head and neck portions. The bounding edges of these apertures E may be beaded

as at *e* to increase the strength. As shown there are three of these slits C and holes E arranged equidistant about the neck.

D is a band of rubber which is snapped over the neck B and is retained in place and protected by the lower beaded edge *b* of the neck. This rubber band is quite flexible and acts to normally hold the several parts of the neck in proper relative position as shown, yet to permit them to be spread in placing the thimble upon or removing it from the handle knob.

The thimble is preferably made of rubber of ordinary grade which, while having elasticity to maintain it in proper shape, is not depended upon to hold the several portions of the neck together since the employment of the rubber band D serves such purpose. This band D will insure the neck portions holding snugly together and upon the handle knob.

The interior upper portion of the head A may be provided with an inverted metallic cup portion F which is forced into position and is adapted to directly receive the wear of the handle knob. This cup F further acts to retain the shape of thimble and reduce the friction between it and the knob. The cup may simply depend upon friction to keep it in position or it may be cemented or otherwise held in place.

The thimble is small and easily carried in the pocket, and is adapted with facility to be applied or removed from the controller or other handle or knob.

Having now described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. A handle thimble composed of flexible material molded in one piece and having a hollow head portion and a neck portion without seams the latter being slit from its lower edge to the head portion, combined with an elastic band encircling the outside of the neck portion.

2. A handle thimble composed of flexible material molded in one piece and having a hollow head portion without seams and a neck portion the latter being slit from its lower edge to and terminating with the head portion, combined with an inverted metallic cup in the interior of the head portion, pre-

senting a smooth inner surface and an elastic band encircling the neck portion.

3. A handle thimble composed of rubber, having a large head portion and a neck portion the latter divided vertically by three
5 or more slits, terminating at their upper ends in large holes adjacent to the head portion and having its outer body smooth except the lower edge which is provided with a bead,

combined with an elastic band encircling the 10 outside of the neck portion above the bead and holding the slit portions thereof together.

In testimony of which invention, I have hereunto set my hand.

JOSEPH DUBISEE.

Witnesses:

R. M. HUNTER,

R. M. KELLY.