March 29, 1932. E. H. HOUGH 1,851,359

BATTERY CONNECTER

Filed April 24, 1930

Fig. 1.

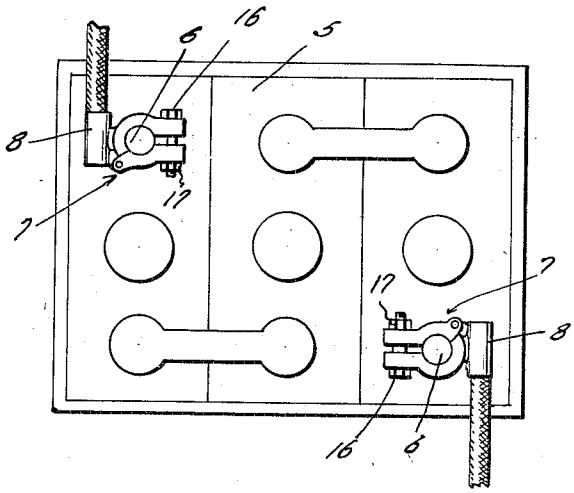


Fig. 2.

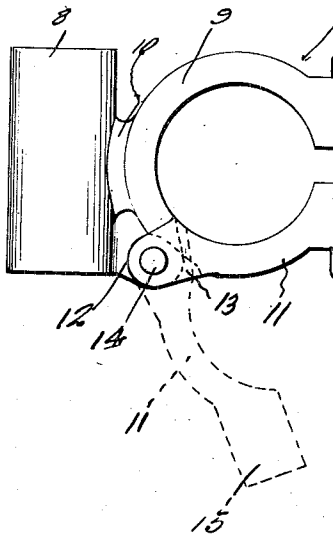
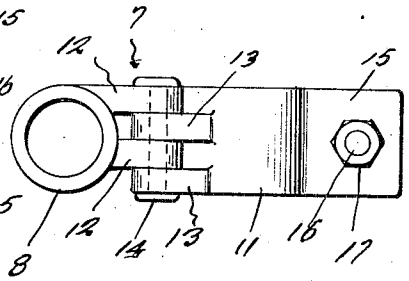


Fig. 3.



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UNITED STATES PATENT OFFICE

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BATTERY CONNECTER

Application filed April 24, 1930. Serial No. 446,979.

This invention appertains to new and useful improvements in vehicle connecters for battery posts, and the invention has as its principal object, the provision of a connecter which can be easily applied and removed with respect to the binding posts of batteries, and in fact, other electrical units, provided with binding posts.

Other important objects and advantages of the invention will readily become apparent to the reader as the invention is better understood from the following specification and claim.

In the drawings:—

Figure 1 represents a top plan view of the storage battery with the connecters applied thereto.

Fig. 2 represents a top plan view of one of the connecters, showing the hinged jaw thereof in close engaged position, but in dotted lines showing the said jaws in open position.

Fig. 3 is a side elevation of the novel connecter.

Referring to the drawings wherein like numerals designate like parts, it can be seen that numeral 5 refers to the storage battery which is illustrated in the drawings in order to show the invention applied.

Numeral 6 represents the usual binding posts of the storage battery and the numeral 7 generally refers to the novel connecter.

The invention is substantially on the same construction as the well known connecters now in use excepting for the interconnection of one of the jaws to the connecter proper.

The connecter proper comprises a tube 8 into which one end of the cable extends and is secured. The stationary jaw 9 is of semi-circular shape and is connected to the intermediate portion of the tube 8 by the neck 10. One end portion of the stationary jaw 9 extends a substantial distance past the neck 10 and adjacent the tube 8 and serves as an abutment for the inner end of the hinged jaw 11.

The end of the tube 8 adjacent the aforementioned end of the jaw 9 is provided with a pair of apertured ears 12—12 which are complementary to the apertured ears 13—13 of the hinged jaw 11. The apertures of the ears 12—12 and 13—13 receive the pivot pin 14, whereby the jaw 11 is pivotally connected to the tube 8.

Both the jaw 9 and the jaw 11 are provided at their free ends with outwardly disposed blocks 15 having openings therein to receive the bolts 16, which is equipped with a nut 17, whereby the jaws may be set in clamped relation with the binding post 6.

While the specification sets forth the invention in detail, it is to be understood that numerous changes in the shape, size, and materials may be resorted to without departing from the spirit and scope of the invention as claimed hereinafter.

Having thus described my invention what I claim as new is:—

A battery post connecter comprising a cable receiving tube, a stationary and substantially semi-circular jaw, a neck connecting a part of the jaw to one side of the tube at the center of the tube with a part of the jaw extending beyond the neck, a pair of spaced perforated ears connected with the tube, the neck and a part of the extended portion of the jaw, a movable jaw having perforated ears at one end thereof overlapping the other ears, a hinge pin passing through the perforations of the ears for hingedly connecting the movable jaw to the device, and means for connecting the free ends of the jaws together.

In testimony whereof I affix my signature.

EDWARD H. HOUGH.