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MEANS FOR REMOVING BATTERY TERMINALS

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Fig. 1.

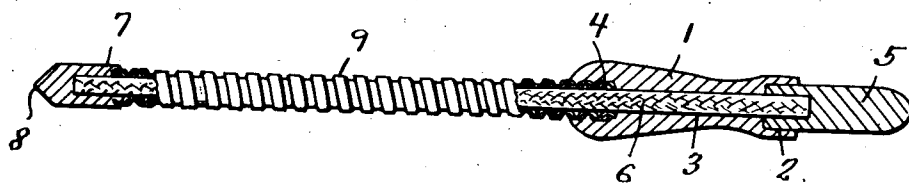
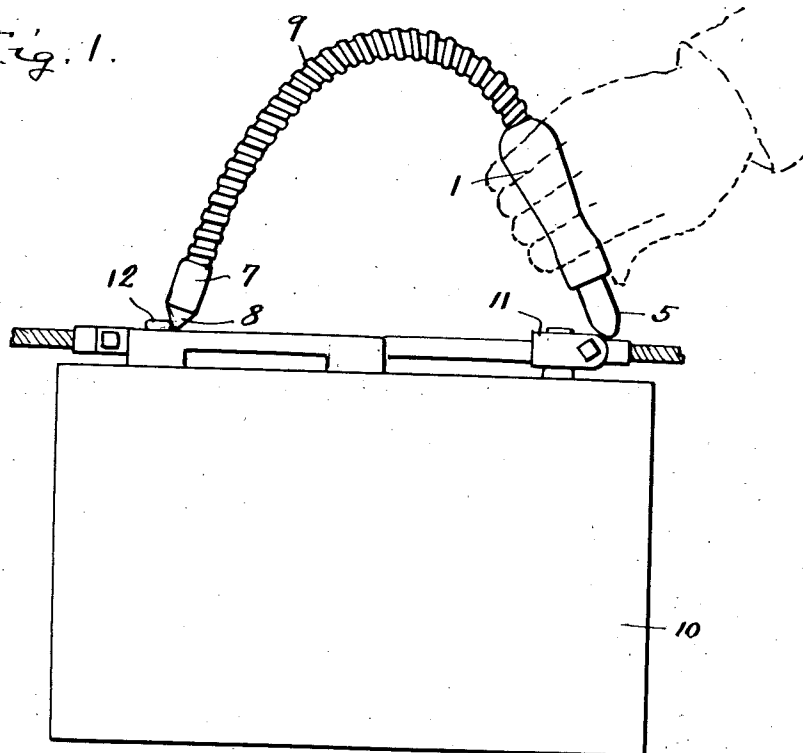


Fig. 2.

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MEANS FOR REMOVING BATTERY
TERMINALS

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Application February 28, 1938, Serial No. 193,203

1 Claim. (Cl. 219—19)

The present invention relates to new and useful improvements in battery tools or appliances and has for its primary object to provide, in a manner as hereinafter set forth, means of a novel construction whereby the removal of corroded terminals from storage batteries, such as those used in automobiles, will be simplified and expedited.

Other objects of the invention are to provide a device of the character described which will be comparatively simple in construction, strong, 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 view in side elevation, showing a device constructed in accordance with the present invention in use.

Figure 2 is a view partially in side elevation and partially in vertical longitudinal section through the invention.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a handle 1 of suitable material, such as wood. A socket 2 is provided in one end portion of the handle 1. Extending longitudinally through the handle 1 is a central bore 3 which communicates with the socket 2. The end portion of the bore 3 which is remote from the socket 2 is enlarged, as at 4, for a purpose to be presently set forth.

Mounted in the socket 2 of the handle 1 is a carbon stick 5. The reference numeral 6 designates a conductor which extends through the bore 3 of the handle 1 and has one end portion electrically connected to the carbon stick 5.

Mounted on the other end portion of the conductor 6 is a contact 7 of suitable metal which terminates, at its free end, in a point 8. A flexible housing 9 encloses the insulated conductor 6.

It is thought that the manner of using the device will be readily apparent from a consideration of the foregoing. As illustrated in Fig. 1 of the drawing, when it is desired to heat one of the corroded terminals of the storage battery 10, as at 11, the contact 7 is engaged with the other terminal or post of said battery, as at 12. The pointed end 8 of the contact 7 may be forced between the battery post and the terminal in a manner to assure a good electrical connection. The carbon stick 5 is then engaged with the corroded terminal to be removed and said terminal is quickly heated by the heavy charge of current passing therethrough. If desired, the device may be connected with another battery for receiving current therefrom.

It is believed that the many advantages of a corroded battery terminal removing means 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 device for removing corroded battery terminals comprising a handle having a socket in one end, said handle further having a longitudinal bore therein communicating, at one end, with the socket, the other end portion of the bore being enlarged, a carbon stick mounted in the socket, an insulated conductor wire extending through the bore and having one end portion electrically connected to the carbon stick, a metallic contact member on the other end portion of the conductor wire, said contact member including a point on one end, and a flexible housing enclosing the conductor wire between the contact member and the handle, one end portion of said housing extending into the enlarged end portion of the bore in the handle.

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