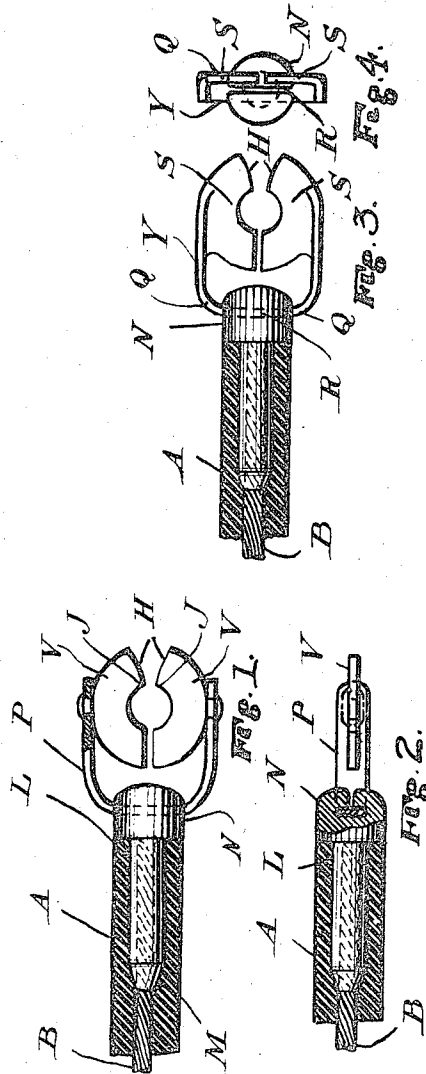


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 FASTENING CLIP FOR WIRE TERMINALS.  
 APPLICATION FILED JULY 5, 1912. RENEWED AUG. 12, 1916.

1,217,135.

Patented Feb. 27, 1917.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

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## FASTENING-CLIP FOR WIRE-TERMINALS.

1,217,135.

Specification of Letters Patent. Patented Feb. 27, 1917.

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To all whom it may concern:

Be it known that I, CHARLES W. BECK, who am a citizen of the United States of America, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Fastening-Clips for Wire-Terminals, of which the following is a specification.

This invention relates to fastening clips for the terminals of current carrying wires, and has for its object an improved device of this type adapted especially for the firm, though easily detachable, connection of a current wire to some such terminal as the stem of a spark plug.

In the drawings:

Figure 1 is a plan view of a clip member and its adjacent cable end, wherein the stem portion of the clip directly engages the cable wire within the end of an insulating outer wrapping.

Fig. 2 is a side elevation of the device shown in Fig. 1, partly in section.

Fig. 3 is a plan view of a somewhat modified form, wherein the wire-engaging portion is similar to that of Figs. 1 and 2, while the stem-engaging resilient portion is unitary with the resilient side arms or brackets, and is stamped to form from a unitary piece of metal.

Fig. 4 is an end elevation of the form of device illustrated in plan in Fig. 3.

L represents a threaded stem member whose bored central portion is adapted to receive the end of the wire B, while the rubber or other insulating part of the cable engages about the stem L, whose entering end is preferably beveled as at M to facilitate its being forced into the cable end, and about the wire. The solid head N of this stem member is of substantially the same size as the cable member A including the insulating outer wrapping, and extends across the end thereof. Through this solid head N engages a U-shaped resilient piece to each end of which is riveted or otherwise attached a jaw member V, whose opposing inclined edges H are adapted to be forced about the stem of a spark plug or other similar member whose diameter is slightly greater than the distance between the points J. The slight

yielding of the jaw members, because of the resiliency of their supporting parts P, enables the post to slip past the point J and into the relatively round space K, which is of slightly greater diameter than the distance between these points, and from which position only a strong and intentional pull upon the clip member, or upon the cable end with which it is connected, will detach it.

Fig. 3 shows a somewhat modified form in which the parts corresponding to the U-shaped piece P and the jaw members V are in a single stamped-out piece Y, the base or branch portions Q being bent so as to be inserted sidewise in the kerf R in the head end of the stem, the plane of the jaw portions S being substantially perpendicular to that of the flexing branch portions Q, though having the same inclined outer edge portions as the form of the jaws shown in Figs. 1 and 2.

What I claim is:

1. A fastening clip, comprising an attaching section, a resilient U-shaped bracket connected to said attaching section provided with jaw members at the outer ends of the arms of said bracket, said jaw members extending transversely of the planes of said arms and having their opposing edges angularly inclined toward one another, with those portions of their opposing edges next within said inclined portions partially surrounding an included rounded space.

2. The combination of an attaching section, a U-shaped bracket having the base thereof connected to the attaching section, said bracket projecting outwardly from the attaching section, and jaw members carried by and extending inwardly from said arms having cooperating bearing portions on their opposed edges, there being an entrance opening leading from the forward ends of said jaws to the bearing portions, and the arms of said bracket being resilient and adapted to move said jaws toward one another.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES W. BECK.

Witnesses:

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