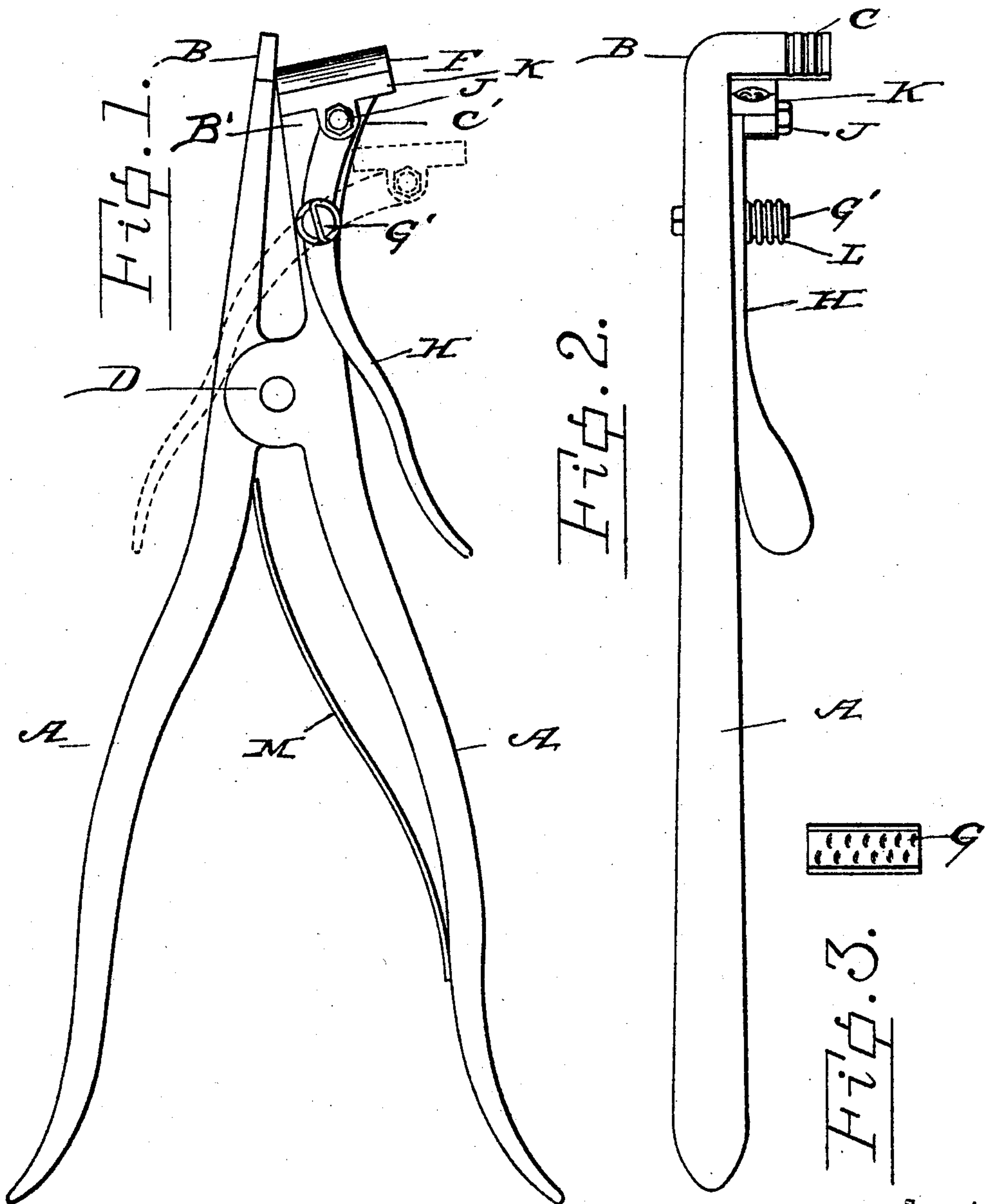


No. 795,607.

PATENTED JULY 25, 1905.

A. E. HAFF.
ELECTRICIAN'S TOOL.
APPLICATION FILED FEB. 14, 1905.



Witnesses
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ARTHUR E. HAFF, OF ADAMS, MASSACHUSETTS.

ELECTRICIAN'S TOOL.

No. 795,607.

Specification of Letters Patent.

Patented July 25, 1905.

Application filed February 14, 1905. Serial No. 245,591.

To all whom it may concern:

Be it known that I, ARTHUR E. HAFF, a citizen of the United States, residing at Adams, in the county of Berkshire and State of Massachusetts, have invented certain new and useful Improvements in Electricians' Tools, of which the following is a specification.

My invention relates to improvements in electricians' tools—that is to say, a tool particularly adapted for use in handling wire; and the object of my invention is the provision of a tool which will be of simple, inexpensive, and durable construction, and which can be operated with ease for clamping, drawing, or bending wire or for working on wire under any conditions in a thorough and practical manner.

With this object in view my invention consists of a tool embodying novel features of construction and combinations of parts, substantially as disclosed herein.

Figure 1 represents a side elevation of my tool, showing in dotted lines the position of the clamping member. Fig. 2 represents an edge view of the tool, and Fig. 3 represents a detail plan view of one of the jaws of the clamping member to clearly show the arrangement of the teeth on said jaw.

Referring by letter to the drawings, the letter A designates one handle of my tool, which is provided at its upper end with a right-angular extension or arm B, which is provided on its outer face with the series of vertical grooves or guides C to prevent slipping, and the upper end of the jaw is extended above the upper end C' of the jaw B', which is formed with the handle portion A', and the jaws are pivoted or fulcrumed together at D. The jaw C' is provided with the offset or lateral portion F, provided on the under side with teeth G, arranged as shown in Fig. 3, and to the portion or jaw C' is attached the stud or pin G', upon which is pivoted the handle or lever H, whose upper end is pivoted at J to the clamping-jaw K, which is formed with teeth, as shown in Fig. 3, and this construction forms the clamping member of my tool, and to hold the pivoted jaw normally closed against the rigid jaw I employ the coiled spring L, and the jaws of the tool

are retained in proper position by the flat spring M.

The particular purpose for which my tool is used is for pulling or drawing the wire through the caps or cleats used for securing electric wires to walls or ceilings, and the angular portion C rests against the cap, and the wire passes under the portion C and is clamped between the jaws F and K and can then be drawn tight and all slack be taken up and the cap be secured properly.

In operation the angular extended end rests against the cleat or support and the wire is clamped between the jaws and the slack on the wire can be drawn upon with ease, and thus permits the wire to be bent, drawn, or operated upon in any manner.

I would state that the tool may be used for any purpose where it would perform its functions; but it is particularly adapted for use by electricians in working upon wire, and it will perform the various manipulations with ease and efficiency.

I claim—

1. A tool consisting of a pair of pivoted handles, one of said handles having a jaw provided with an arm arranged at an angle to the jaw for resting against the object and the other jaw having a clamping member attached thereto and operating in conjunction with the arm on the other jaw.

2. A tool consisting of a pair of pivoted handles each formed with a jaw, a spring-clamping pivoted jaw mounted on the jaw of one of the handles and means for holding the tool from slipping formed on the jaw of the other handle.

3. A tool consisting of a pair of pivoted handles, one formed with a jaw having an angular arm and the other formed with a jaw having an offset portion, a pivoted jaw operating in connection with the offset portion and a pivoted handle connected with said pivoted jaw.

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

ARTHUR E. HAFF.

Witnesses:

H. L. HARRINGTON,

JESSIE B. KERR.