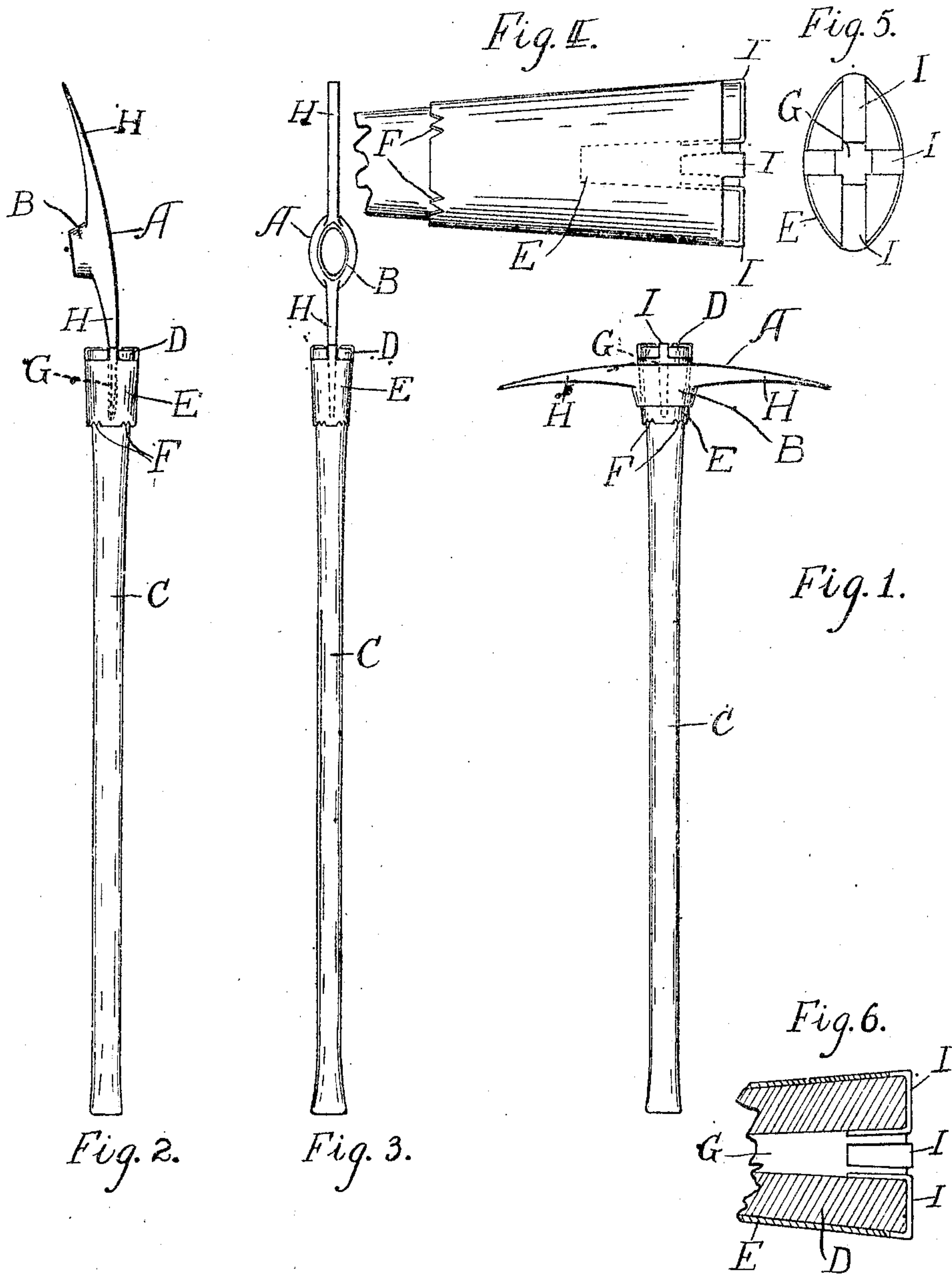


J. WEIS.
 COMBINED PICK AND OSOWBAR.
 APPLICATION FILED NOV. 19, 1907.

914,541.

Patented Mar. 9, 1909.



Witnesses:
 R. A. Fischer.
 H. Fischer

Inventor:
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 Attorney.

UNITED STATES PATENT OFFICE.

JULIUS WEIS, OF ST. PAUL, MINNESOTA.

COMBINED PICK AND CROWBAR.

No. 914,541.

Specification of Letters Patent.

Patented March 9, 1909.

Application filed November 19, 1907. Serial No. 402,799.

To all whom it may concern:

Be it known that I, JULIUS WEIS, a citizen of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented a new and useful Improvement in a Combined Pick and Crowbar, of which the following is a specification.

My invention relates to a combined pick and crow-bar having for its primary object an implement which can be used as a pick or a crow-bar by changing the position of the parts. A device of this kind has a wider range of usefulness than either a pick or a crow-bar when used separately, and is less expensive and more effective in use.

In the accompanying drawings forming part of this specification, Figure 1 is a side view of my invention when used as a pick; Fig. 2 is another side view showing the pick attached to the handle for use as a crow-bar; Fig. 3 is another side view showing the parts assembled as illustrated in Fig. 2; Fig. 4 is a detail side view of the butt of the handle; Fig. 5 is an end view of the butt of the handle, and Fig. 6 is a longitudinal section of a detail portion of the butt.

In the drawings A represents a pick having a pair of points, one of which resembles a chisel edge, and of ordinary construction. Between the points is the usual tapering socket B converging inwardly.

C represents a handle having its end which I have chosen to term its "butt" D provided with a ferrule E. This ferrule fits snugly over the butt and is secured thereto by means of indents F and clips I, although it is obvious that any other suitable means may be provided for securing the ferrule in place. The socket B in the pick is adapted to hold the ferrule and butt in the usual manner, the parts being drawn tightly into engagement with each other by pounding upon the lower end of the handle or pressing the pick down firmly into place. The butt of the handle is formed with a longitudinal opening G to receive the points of the pick separately. When the ferrule is driven home on the butt as shown in the drawings the indents F are turned in, thus engaging with the butt, and the clips I which are formed on the ferrule are turned in over the end of the butt and into the opening G, thus assisting in holding the ferrule on the butt and protecting the inner walls of said opening against wear when the pick is in-

serted in the handle and used as a crow-bar. To convert the pick into a crow-bar it is removed from the handle and one of its points H inserted in the opening G. The other point of the pick is then adapted to be used by a butt movement, or as a crow-bar by applying the handle as a lever and the outer point of the pick as the work end thereof. The ferrule, in addition to forming a tight engagement between the handle and the pick and protecting the outer surface of the handle, also serves to prevent the handle splitting when the device is used as a crow-bar.

This invention is ready for use at an instant's notice, either as a pick or as a crow-bar and is strong and durable in construction. Obviously it can be modified in construction without departing from the spirit of this invention.

In accordance with the patent statutes, I have described the principle of operation of my invention, together with the apparatus which I now consider to represent the best embodiment thereof, but I desire to have it understood that the apparatus shown is only illustrative and that the invention can be carried out by other means and applied to uses other than those above set forth, within the scope of the following claims.

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

1. A device of the class set forth, comprising a pick having a double point and a socket and a handle adapted to fit into said socket and provided with a longitudinal opening in the end of its butt adapted to receive either point of the pick when its socket is detached from the handle, for the purposes specified.

2. A device of the class set forth, comprising a double pointed pick A having a socket, a handle C adapted to fit into said socket and provided with a passageway G in the end of its butt into which either point of the pick is adapted to be inserted when its socket is out of connection with said handle.

3. A device of the class set forth, comprising a double pointed pick having a socket between its ends, a handle, a ferrule on the butt of said handle adapted to fit into said socket, said handle having a longitudinal opening in the end of its butt to receive either point of said pick when said pick is

otherwise detached from said handle, for the purposes specified.

4. A device of the class set forth, comprising a double pointed pick having a socket between its points, a handle having an opening into which one point of said pick is adapted to be inserted, and a ferrule upon the butt of said handle adapted to fit into said socket and having indents in engagement with said handle, for the purposes specified.

5. A device of the class set forth, comprising a double pointed pick having a socket between its points, a handle having an opening in its end into which one point of said pick is adapted to be inserted, and a ferrule upon the butt of said handle having clips turned over the end of said handle and

lining the walls of said opening, for the purposes specified.

6. A device of the class set forth, comprising a pick having a point and a socket, a handle having an opening into which said point is adapted to be inserted, and a ferrule upon the butt of said handle having means for engagement therewith, and a portion thereof adapted to line the opening in said handle for the purposes specified.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

JULIUS WEIS.

Witnesses:

H. FISCHER,

R. A. FISCHER.