(No Model.)

# A. BOHY & L. FRITZ.

## FASTENING FOR TOOL HANDLES.

No. 567,676. Patented Sept. 15, 1896.

Fig. 1.

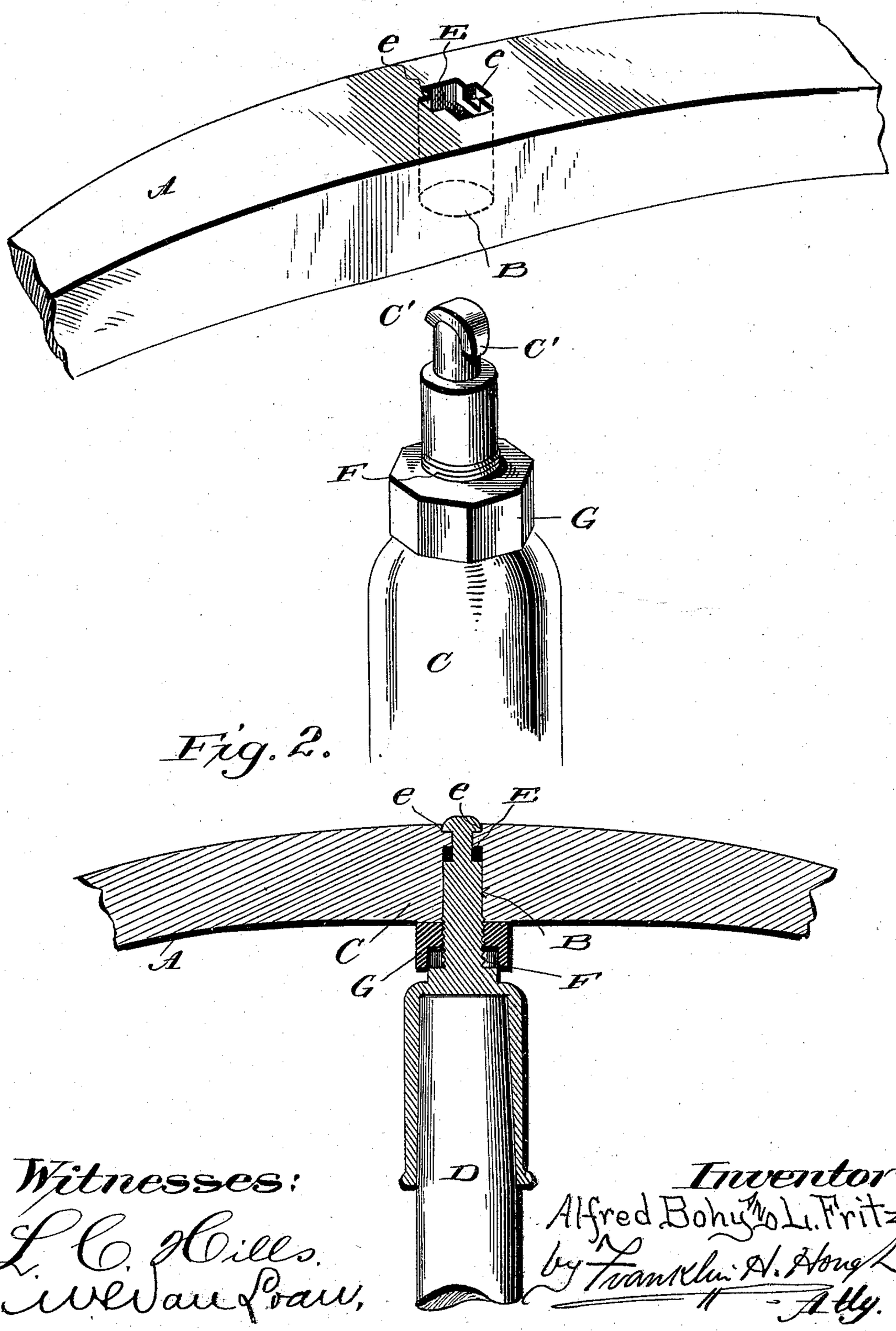


Fig. 2.




Witnesses:
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# UNITED STATES PATENT OFFICE.

ALFRED BOHY AND LOUIS FRITZ, OF WHATCHEER, IOWA.

## FASTENING FOR TOOL-HANDLES.

SPECIFICATION forming part of Letters Patent No. 567,676, dated September 15, 1896.

Application filed June 27, 1896. Serial No. 597,189. (No model.)

*To all whom it may concern:*

Be it known that we, ALFRED BOHY and LOUIS FRITZ, citizens of the United States, residing at Whatcheer, in the county of Keokuk and State of Iowa, have invented certain new and useful Improvements in Fastenings for Tool-Handles; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to certain new and useful improvements in handle-fastenings, and especially to a fastening whereby a head of a tool may be detachably held to a handle by means of an adjusting-nut which causes the lugs on the end of the handle to be securely seated in recesses in the walls of the head of the tool.

A further part of the invention relates to the provision of an apertured head having laterally-extending recesses therein, the upper end of the handle being provided with integral lugs and a screw-threaded nut by which the lugs may be drawn into the said recesses, to securely hold the head in place on the handle.

To these ends and to such others as the invention may pertain the same consists, further, in the novel construction, combination, and adaptation of the parts, as will be hereinafter more fully described, and then specifically defined in the appended claims.

We clearly illustrate our invention in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which drawings similar letters of reference indicate like parts throughout both the views, in which—

Figure 1 is a perspective view of the handle and head removed therefrom. Fig. 2 is a central vertical longitudinal view through the head and handle.

Reference now being had to the details of the drawings by letter, A designates the head of the tool, which in the present case is a pick, and is provided with the central aperture B for the reception of the end of the casting C, which fits over the end of the handle D. The aperture B is cylindrical in outline as far as the shoulder E, and from said shoulder the aperture is square or oblong and is recessed laterally, as seen at *e*. The casting C has its upper end contracted and terminates in laterally-extending integral lugs C′ with a curved upper end. The portion of the casting which conforms in size and shape with the cylindrical-shaped aperture in the head is screw-threaded a portion of its length, as seen at F, and G is a nut working on said screw-threaded portion of the casting.

When the head is to be adjusted to the handle, the solid end of the casting on the handle is inserted through the aperture in the head until the under side of the head comes in contact with the upper face of the nut, and when in this position the lugs at the upper end of the casting project above the upper face of the head a sufficient distance to allow the handle to be rotated. The head of the casting after being turned one-half of a revolution is in such a position that the said lugs will register with the lateral recesses in the head, and when seated therein the nut is screwed up against the under side of the head and the handle is securely locked in place. By a reverse operation the handle may be removed.

Having thus described our invention, what we claim to be new, and desire to secure by Letters Patent, is—

In a tool-handle-fastening device, the combination with the handle, a casting carried on one end, a portion of said casting screw-threaded, a nut carried thereon, the end of the casting contracted, and having laterally-extending integral lugs thereon, of the head of the tool having a central aperture cylindrical a portion of its length its upper portion rectangular in shape and the lateral recesses *e* in which the said lugs are designed to be seated, substantially as shown and described.

In testimony whereof we affix our signatures in presence of two witnesses.

ALFRED BOHY.

his
LOUIS + FRITZ.
mark

Witnesses:
JOHN O'KEEFE,
PATRICK GALLAGHER.