

(No Model.)

C. E. HARRIS.
TOOL.

No. 481,865.

Patented Aug. 30, 1892.

Fig. 1

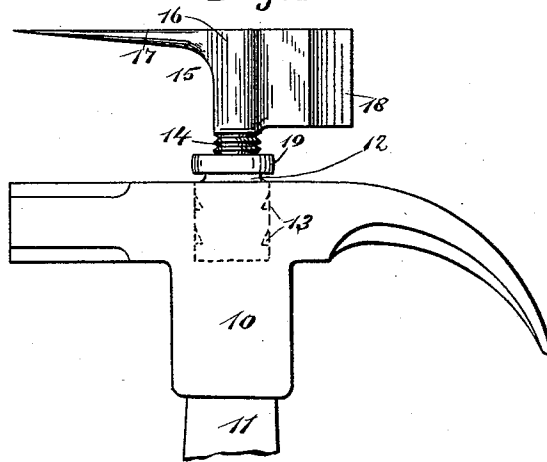


Fig. 2

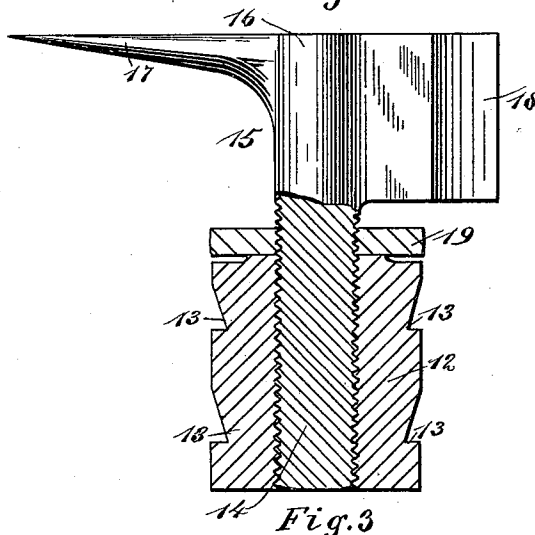
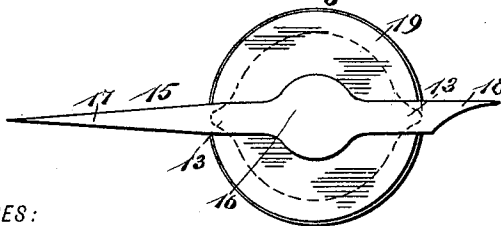


Fig. 3



WITNESSES:

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CHARLES E. HARRIS, OF SAXTON'S RIVER, VERMONT.

TOOL.

SPECIFICATION forming part of Letters Patent No. 481,865, dated August 30, 1892.

Application filed October 7, 1891. - Serial No. 408,056. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. HARRIS, of Saxton's River, in the county of Windham and State of Vermont, have invented a new and Improved Tool, of which the following is a full, clear, and exact description.

My invention relates to improvements in tools; and the object of my invention is to produce a tool which is adapted to be used in combination with a hammer or hatchet, which is especially useful in shingling, clapboarding or performing similar work, and which enables the workman to do his work easily and rapidly, as hereinafter described.

To this end my invention consists in a tool the construction of which will be hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar figures of reference indicate corresponding parts in all the views.

Figure 1 is a side elevation of the tool as applied to a hammer. Fig. 2 is an enlarged detail side elevation, partly in section, of the tool; and Fig. 3 is a plain view of the same.

The tool is adapted to be used in connection with a hatchet or hammer, and as shown in the drawings it is applied to the latter, the hammer 10 having the usual handle 11, which extends through the head.

The tool proper is held in a socket 12, which socket is driven into the end of the handle, and the socket is provided on opposite outer sides with a barbed flange 13, which prevents its easy removal after it is once driven into the handle.

The socket is adapted to remain permanently in the handle and it serves incidentally to hold the hammer-head in place. The socket is screw-threaded internally and is adapted to receive the threaded shank 14 of the tool 15, which tool has a thickened body portion 16, from one side of which extends a pointed prong 17 and from the other side of which extends a knife 18.

When the tool is applied to a hammer or hatchet, the socket 12 is driven into the hammer or hatchet handle, as described, a nut 19 is screwed upon the shank 14 of the tool, and the shank is then screwed into the socket until the nut 19 bears against the outer end of the socket.

The tool is preferably arranged at right angles to the hammer or hatchet, but may be placed at any convenient angle thereto, and by turning the shank in its socket the tool may be adjusted so that the knife or prong will project from either side of the hammer or hatchet, as desired, thus providing means for adapting the tool for the use of either a right-handed or left-handed person.

The tool is adapted for a great variety of uses, some of the more prominent of which are as follows: By means of the prong 17 a shingle or clapboard may be easily picked up, which is done by sticking the prong into the article to be raised, and it will be seen that the workman by taking hold of the hammer or hatchet handle will be able to reach much farther than he otherwise could. The prong also affords an easy means of securing the tool and hammer or hatchet in place, which is done by striking the prong into any support. It is also adapted for use as a scratch-awl and as a support for a chalk-line.

The knife may be used for splitting a shingle or cutting a shingle or clapboard, and when the tool is not to be used it may be removed from the hammer or hatchet by simply unscrewing it, and the socket which remains in the handle will serve as a fastening.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. An attachment for hammers and hatchets, comprising a body portion having a threaded shank, a pointed prong, and a knife, all integral with the body, the prong and knife being on opposite sides of the said body, and an internally-screw-threaded socket adapted to be secured in the end of the handle, projecting through the head of the hammer or hatchet, substantially as described.

2. An attachment for hammers and hatchets, consisting of a body portion having a threaded shank, a pointed prong, and a knife, all integral with the body, the prong and knife being on opposite sides of the said body, and an internally-threaded socket having barbed flanges thereon, substantially as herein shown and described.

3. A hammer or hatchet provided with an internally-screw-threaded socket secured in the end of the handle, which projects into

the eye of the hammer or hatchet, whereby the socket is made to serve as a means for attaching a tool thereto and for securing the handle therein, substantially as described.

- 5 4. The combination, with a hammer or hatchet, of a socket adapted to enter the handle of the hammer or hatchet within the hammer or hatchet head, said socket having barbed flanges thereon and an internal screw-

thread therein, and a tool having a threaded 10 shank to fit the socket and having on one side a pointed prong and on another side a knife, substantially as described.

CHARLES E. HARRIS.

Witnesses:

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