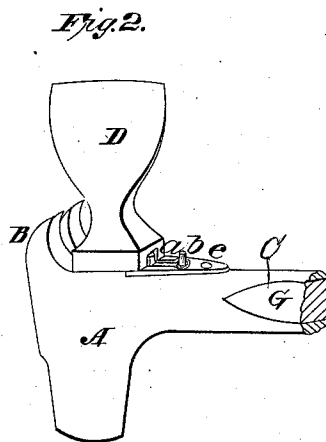
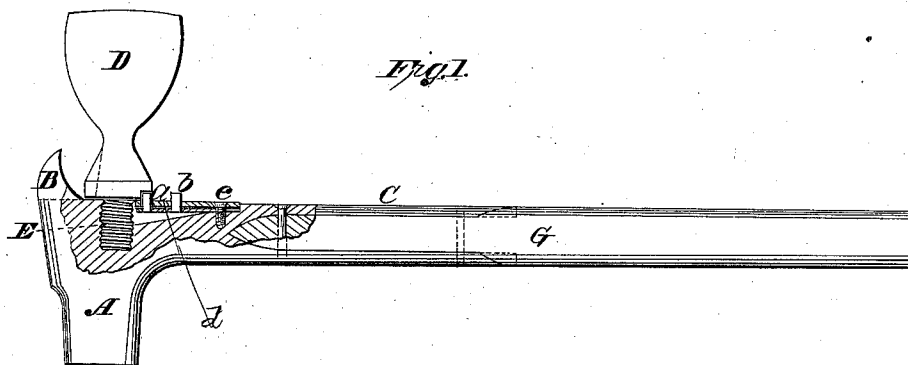


*T. S. Coffin,*

*Hammer.*

*N<sup>o</sup> 83,463.*

*Patented Oct. 27, 1868.*



*Witnesses:*

*E. Wolff*  
*Wm. A. Morgan*

*Inventor:*

*T. S. Coffin.*  
per *Mum & Co.*  
*Attorneys.*

# United States Patent Office.

T. S. COFFIN, OF HARRINGTON, MAINE.

Letters Patent No. 83,463, dated October 27, 1868.

## IMPROVED HAMMER.

The Schedule referred to in these Letters Patent and making part of the same.

*To all whom it may concern:*

Be it known that I, T. S. COFFIN, of Harrington, in the county of Washington, and State of Maine, have invented a new and useful Improvement in Hammer-Hatchets; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of my invention, with certain parts shown broken away to exhibit the construction.

Figure 2 is a detail perspective view of the hammer and hatchet-blade.

Similar letters of reference indicate like parts.

The object of this invention is to provide a simple and convenient tool. It consists in removably attaching the hatchet to the hammer-head, by means of a screw, formed upon the end of the hatchet, and in the employment of a spring-catch to lock the hatchet in any desired position upon the hammer-head.

In the drawings, A is the hammer-part, having short curved claws B, and a socket-extension, C C, between the two parts of which latter the handle G fits, and is secured by screws or other suitable device.

D is the hatchet-blade, formed with a screw, E, which fits in the upper face of the hammer, as shown.

In order to prevent the hatchet from turning, a spring-catch is provided, and located within a recess formed in the metal of the hammer, as shown. The spring *d* of this catch-device bears a projection, *a*,

which fits in a short slot or recess formed in the under side of the hatchet-head. This spring also bears a thumb-bit, *b*, which passes up through a hole in the plate, which covers the spring-recess. A screw, *e*, serves to secure this plate, and also the spring *d*, or, if desired, the spring may be riveted to the plate, and the latter affixed in place by a screw or other suitable means.

When the hatchet is to be turned sidewise in or at right angles to its usual position, in order to afford the claws a better hold on a nail-head, the thumb-bit *b* is pressed down, thus withdrawing the projection *a* from its recess in the hatchet, and leaving the latter free to be turned.

By this invention, short claws, arranged near the line of the handle, may be employed, and a greater leverage gained thereby than is possible with the claw-hatchets heretofore used.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

The hatchet D, adapted to be removably attached to the hammer-head A, having the short claws B, by means of the screw E, and held in any desired position by the spring-catch *a b d*, as herein described, for the purpose specified.

T. S. COFFIN.

Witnesses:

F. L. NASH,  
G. C. WILSON.