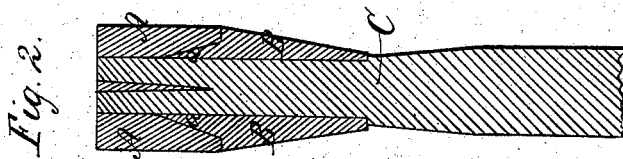
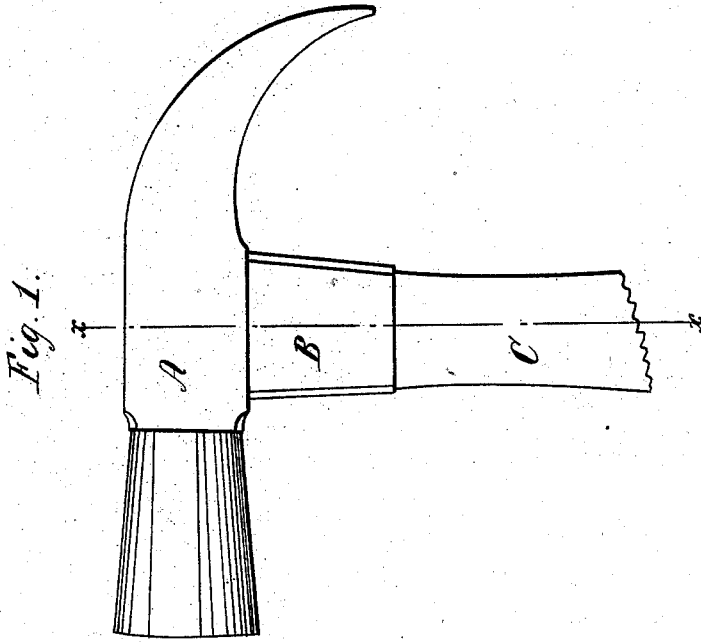


*H. Cheney.*

*Making Metal Tools.*

*N<sup>o</sup> 66,298.*

*Patented Jul. 2, 1867.*



*Witnesses;  
Theus Fische  
J. A. Service.*

*Inventor;  
Henry Cheney.  
Per *Wm. D.*  
Attorneys*

# United States Patent Office.

HENRY CHENEY, OF LITTLE FALLS, NEW YORK.

*Letters Patent No. 66,298, dated July 2, 1867.*

## IMPROVEMENT IN THE CONSTRUCTION OF HAMMERS.

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, HENRY CHENEY, of Little Falls, in the county of Herkimer, and State of New York, have invented a new and useful Improvement in Hammers; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those 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 improved hammer.

Figure 2 is a vertical cross-section of the same, the plane of section being indicated by the line *x x*, fig. 1. Similar letters of reference indicate corresponding parts.

This invention relates to a new manner of forming the sockets of wrought-iron hammers, and consists in making the same of malleable iron, and brazing, soldering, or otherwise securing it to the head.

Hammers are generally made of cast iron, but wrought-iron hammers are far superior, and in greater demand than any other kind. But it is not only very difficult to form the socket on a wrought-iron hammer, but also to find sound enough iron to form the socket on.

My invention is designed to overcome all these difficulties, and to provide a hammer which combines the strength and durability of a wrought-iron hammer with the facility of construction of a cast-iron hammer.

A represents the head of a hammer made of wrought iron of the usual shape. B is the socket, cast of malleable iron, in the usual shape, and provided with tapering tips or flanges, *a a*, which fit into corresponding recesses in the head A, as shown in fig. 2. The socket is brazed, soldered, riveted, or otherwise secured to the head. The face and claws of the hammer may be made of steel, and the most improved kind of hammer can thus be made at the least possible expense. The handle C of the hammer is made in the usual manner, and secured in the ordinary style.

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

The combination of the cast-iron socket B with the wrought-iron head A, both made and connected substantially in the manner and for the purposes set forth.

HENRY CHENEY.

Witnesses:

DAN. VAN VORST,

ALONZO H. STEELE.