C. Hammond,

Cleaver.

No. 93,614. Patented Aug 10, 1869.

Fig. 1.

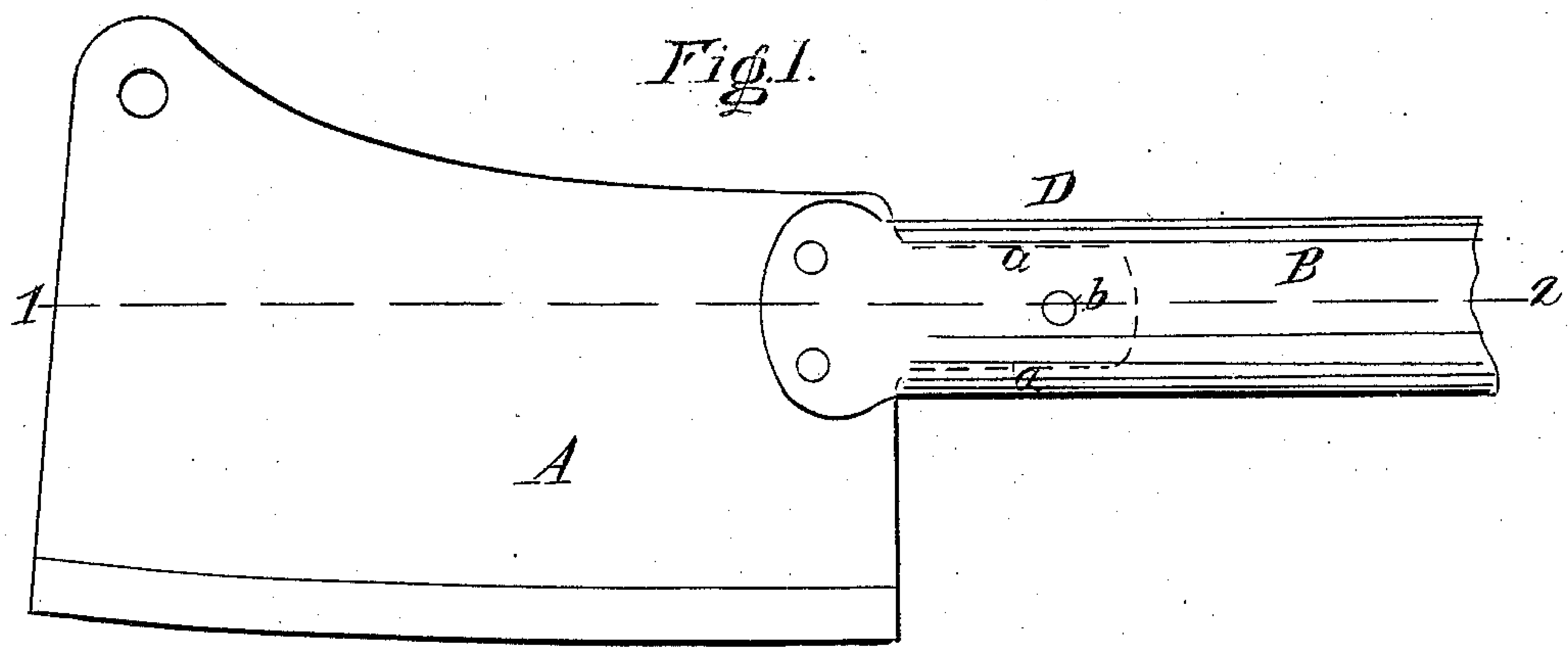


Fig. 2.

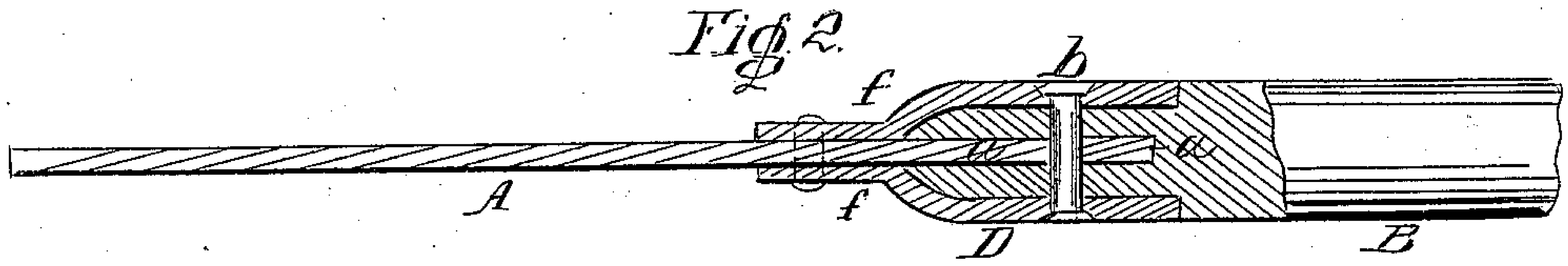


Fig. 4.

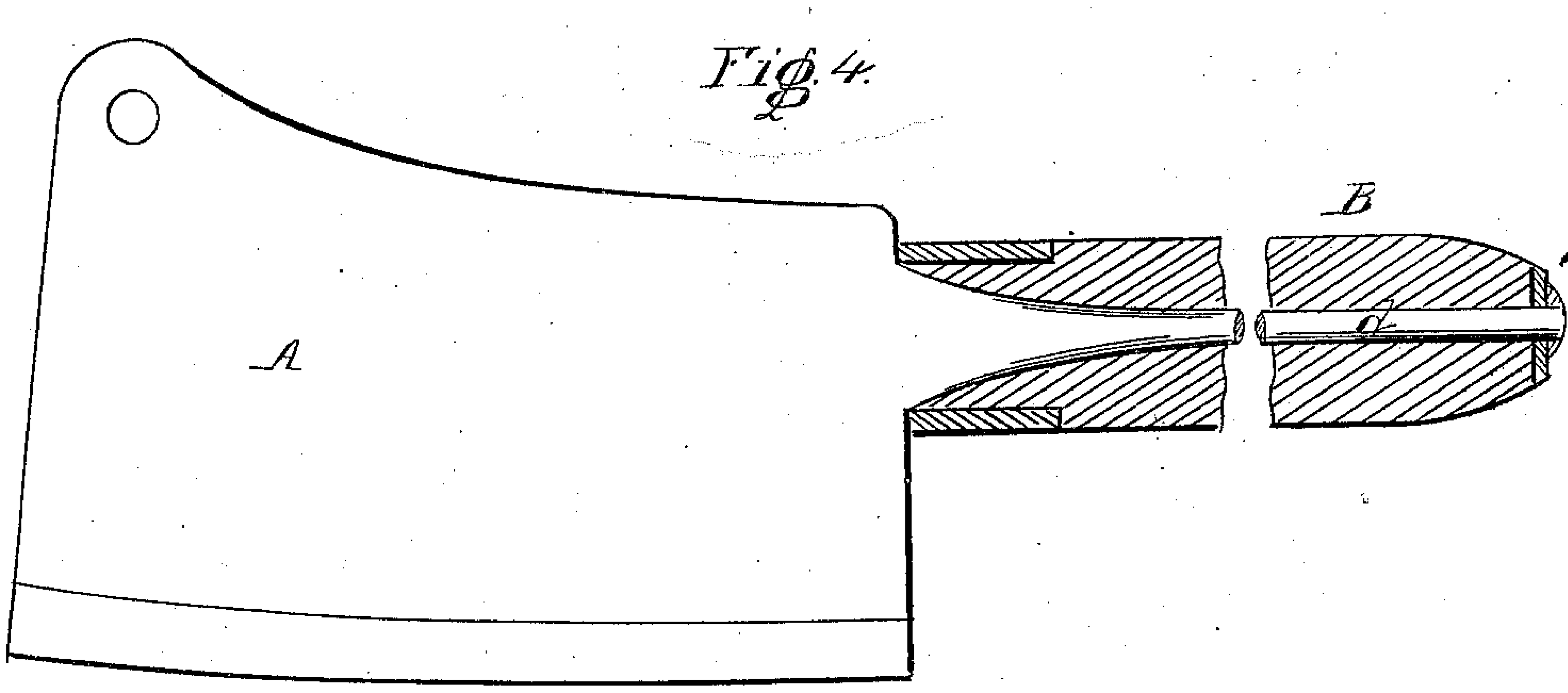
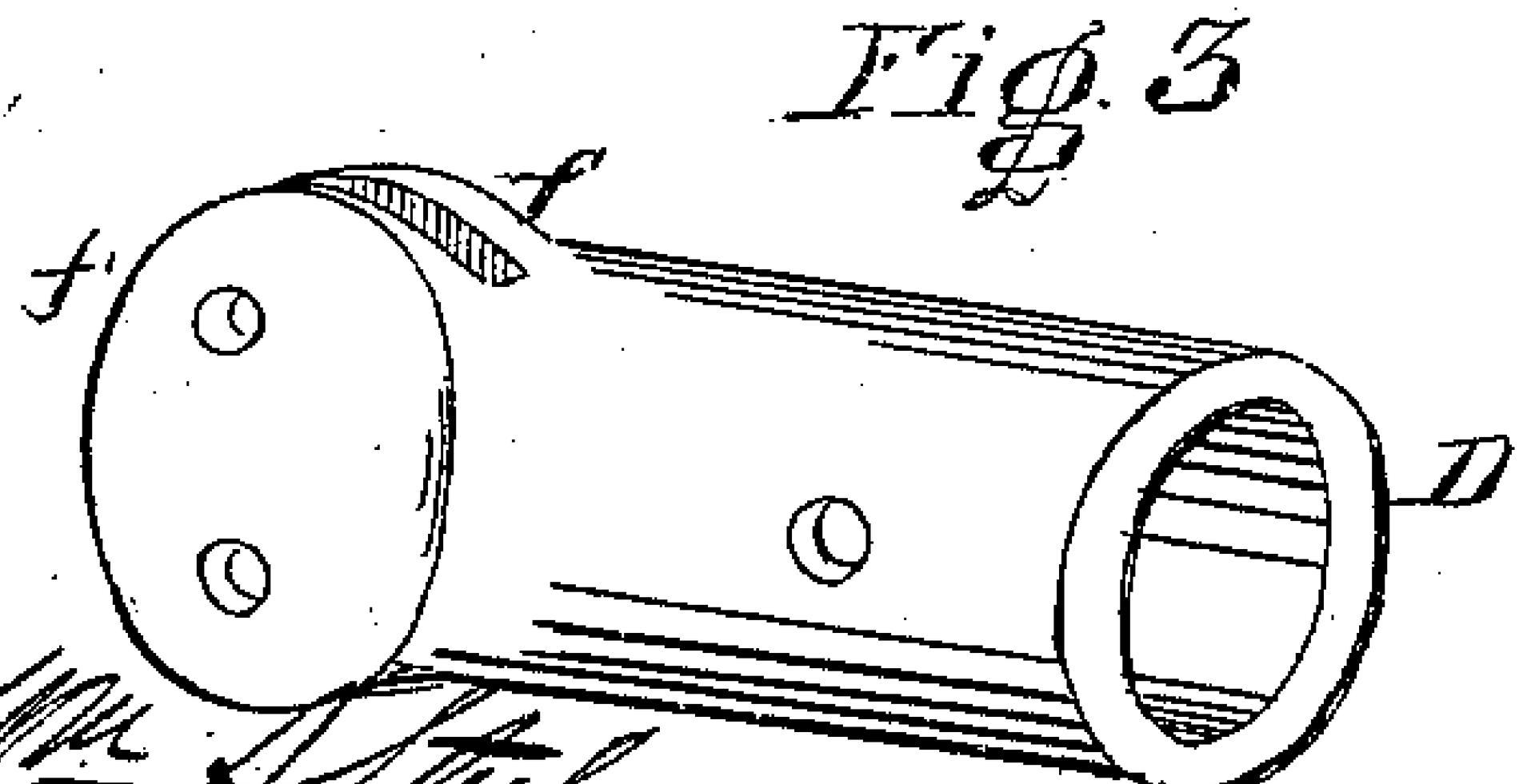


Fig. 3



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By his attorney
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United States Patent Office.

CHARLES HAMMOND, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 93,614, *dated August* 10, 1869.

IMPROVEMENT IN CLEAVERS.

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, CHARLES HAMMOND, of Philadelphia, Pennsylvania, have invented an Improvement in Cleavers and other like instruments; and I do hereby declare the following to be a full, clear, and exact description of the same.

My invention consists of a ferrule, having a socket for receiving the handle, and wings arranged to grip the blade of a cleaver or other like instrument, all substantially as described hereafter, so that the hold of the handle on the blade may be increased in tenacity.

In order to enable others to make my invention, I will now proceed to describe the manner of constructing the same, reference being had to the accompanying drawing, which forms a part of this specification, and in which—

Figure 1 is a side view of a cleaver with my improvement;

Figure 2, a sectional plan on the line 1–2, fig. 1;

Figure 3, a perspective view of the ferrule; and

Figure 4, a sectional view of an ordinary cleaver.

Similar letters refer to similar parts throughout the several views.

A represents the blade of the cleaver;

B, the handle; and

D, the improved ferrule, by which the handle is secured to the blade.

A lip, *a*, on the blade, projects a short distance into the wooden handle, where the latter is fitted snugly into the ferrule D, through which, as well as through the handle and lip, passes a rivet, *b*.

Besides the socket for receiving the handle, the ferrule is furnished with two wings, *f f*, between which a portion of the blade is griped, as clearly shown in the drawing, the wings being riveted to the blade, as shown in fig. 2.

It will be evident that by thus causing the ferrule to grip a portion of the blade, the hold of the handle on the same is increased in tenacity, the wings preventing the handle from yielding when it is subjected to severe shocks and strains, which it is very liable to do when attached in the ordinary manner, as shown in fig. 4.

It will be evident that although my invention is illustrated as applied to a cleaver, it may be used with good effect in securing the blades of other instruments to handles.

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

The ferrule D, having a socket for receiving the handle A, to which the ferrule is secured, and wings *f f*, arranged to grip the blade of a cleaver or other like instrument, and riveted or otherwise secured to the latter, all substantially as and for the purpose herein set forth.

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

C. HAMMOND.

Witnesses:

JOHN WHITE,

HARRY SMITH.