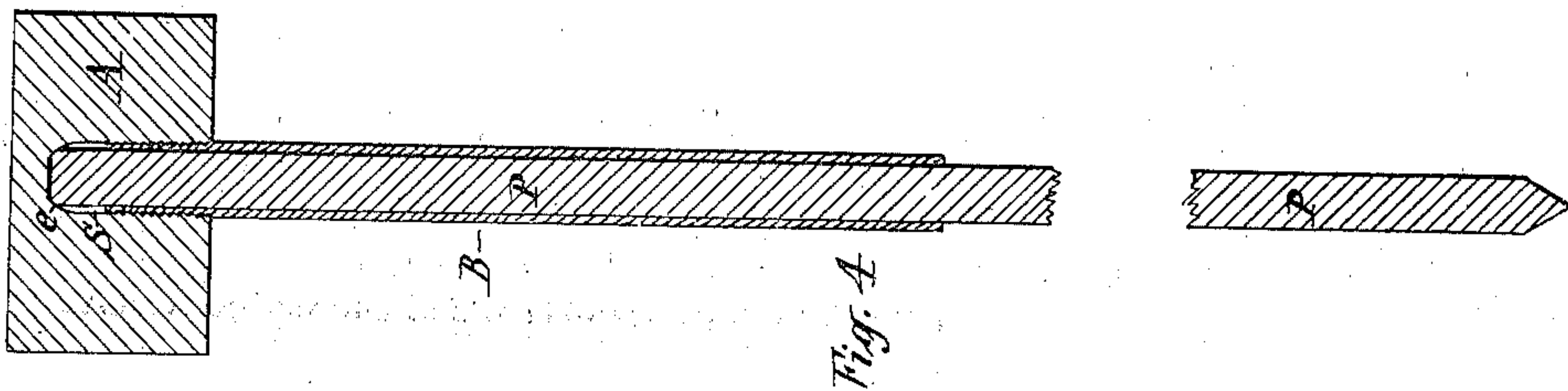
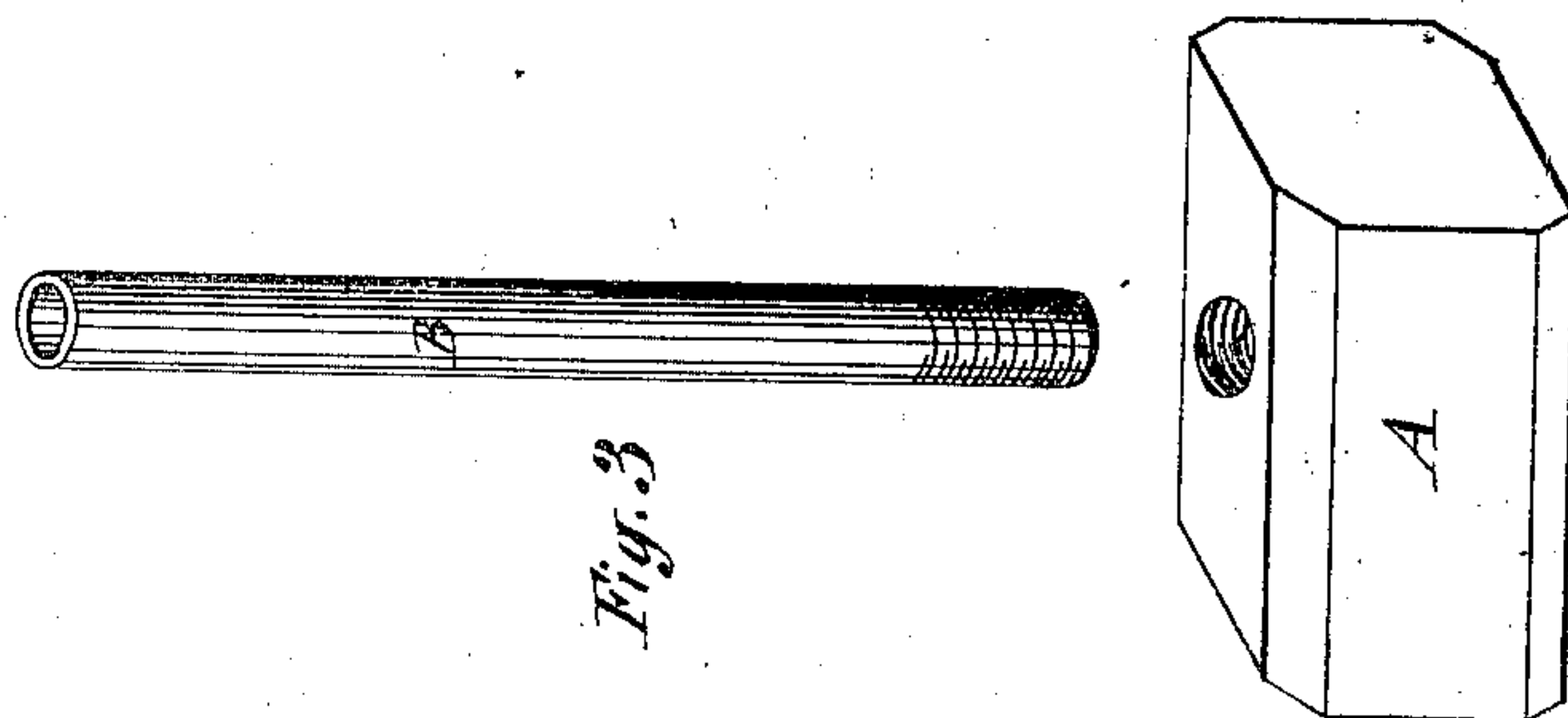
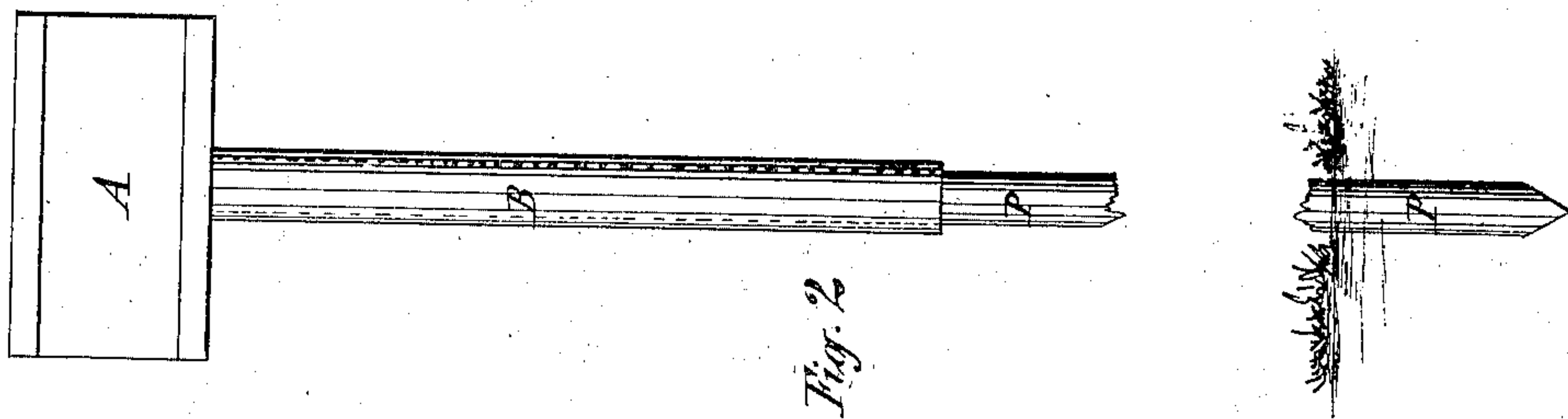
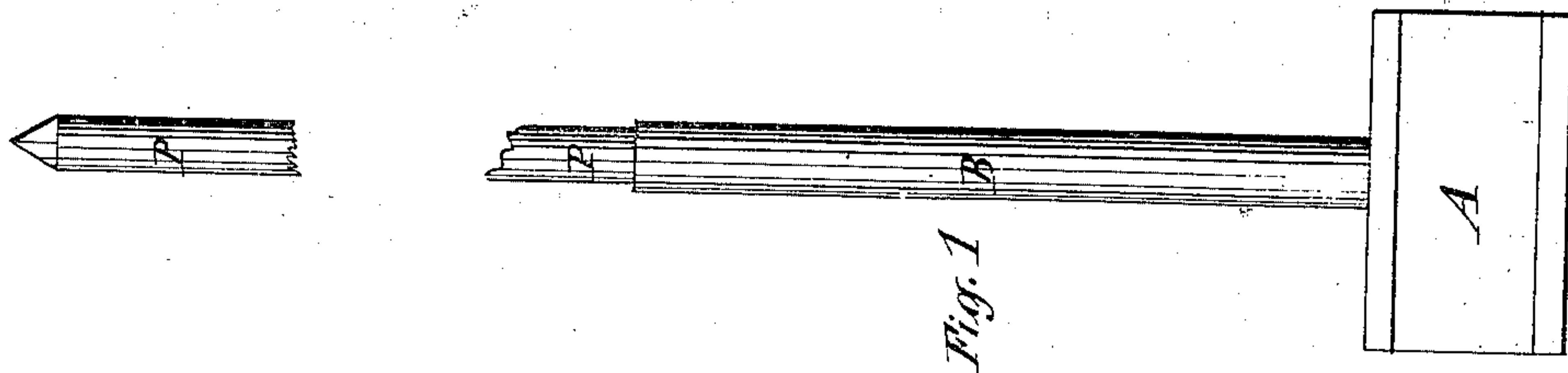


J. CARPENTER.
Fence-Post Driver

No. 224,578.

Patented Feb. 17, 1880.



ATTEST :
E. Laass
H. L. Hey

INVENTOR:
James Carpenter
per Duell, Laass & Hey
attorneys

UNITED STATES PATENT OFFICE.

JAMES CARPENTER, OF NEW HOPE, NEW YORK.

FENCE-POST DRIVER.

SPECIFICATION forming part of Letters Patent No. 224,578, dated February 17, 1880.

Application filed September 23, 1879.

To all whom it may concern:

Be it known that I, JAMES CARPENTER, of New Hope, in the county of Cayuga, in the State of New York, have invented new and useful Improvements in Devices for Driving Fence-Posts, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to an exceedingly simple, convenient, and efficient implement designed for driving iron posts or pipes into the ground, and which may be used either as a sledge or in the manner of a weighted drop or a pile-driver, and is readily applied to the object to be driven, easily operated thereon without the aid of auxiliary mechanical appliances, and readily removed therefrom without the inconvenience and delay of uncoupling or disjoining the members of the implement or leaving parts of same on the article driven.

The invention is clearly illustrated in the accompanying drawings, wherein—

Figure 1 illustrates the method of applying my improved implement to the post designed to be driven. Fig. 2 shows the same in position for operation. Fig. 3 is an isometric view of the tube or handle and the sledge separated from each other, and Fig. 4 is a longitudinal section of the implement applied to the post.

Similar letters of reference indicate corresponding parts.

A represents the weighted block, in the form of a sledge or hammer, provided with a screw-threaded socket, *s*, extending part way the depth of the sledge, and terminating with a conical or spheroidal cavity, *c*, therein, for the purpose hereinafter demonstrated. B denotes the handle of the sledge, consisting of an iron or steel pipe having a threaded end, which is screwed into the socket S of the sledge.

This implement is operated as follows: The post or pipe to be driven is inserted into the handle B, which may be placed with its open

end upward, as shown in Fig. 1 of the drawings, or laid on the ground, or in any other desirable and convenient position. The apparatus thus connected is then erected and brought into proper position for driving the post or pipe P in its designated position.

The driving is accomplished by raising and dropping the implement, the descent being arrested by the collision of the sledge A with the end of the post or pipe P, and the force resulting therefrom drives the post or pipe P into the ground.

The conical or spheroidal cavity *c* at the end of the socket S prevents jamming or injuring the end of the post or pipe driven. The handle B furnishes the means for guiding the object to be driven, and, being entirely unconfined in its upward movement, it is readily withdrawn from the post or pipe driven. If the same is to be driven deeper than the length of the handle B will admit in its application, as before described, the implement is removed from the object to be driven and used as a sledge for the attainment of the said object.

I do not claim, broadly, the application of a weighted drop sliding on the object to be driven, as I am aware the same is not new.

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

The improved implement for driving iron posts or pipes, consisting of the sledge A, having the tubular handle B, adapted to slide on the object to be driven and unconfined in its upward movement, substantially as described.

In testimony whereof I have hereunto signed my name in the presence of two attesting witnesses, at Syracuse, in the county of Onondaga and State of New York, this 12th day of September, 1879.

JAMES CARPENTER. [L. s.]

Witnesses:

E. LAASS,

C. GARLICK.