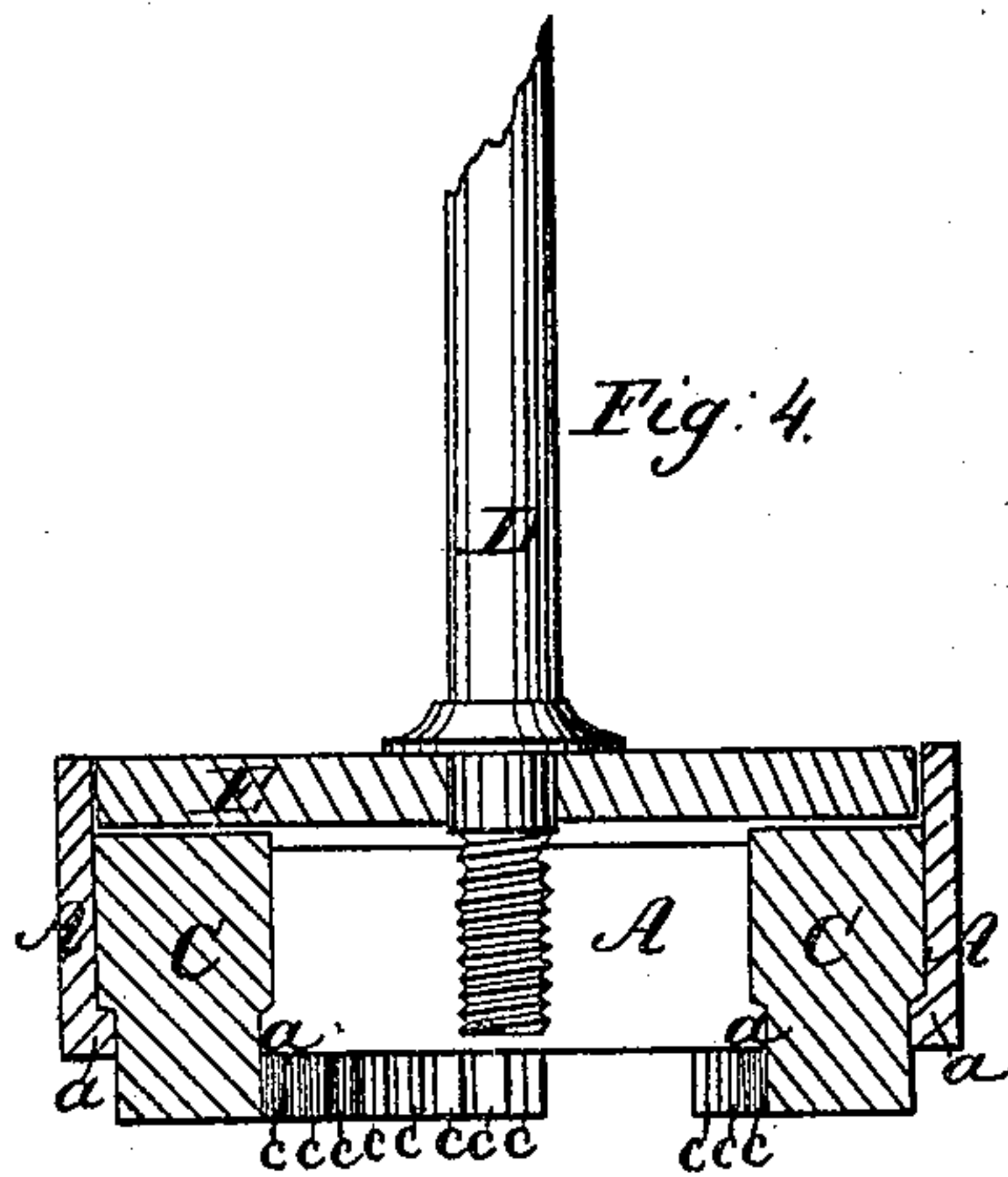
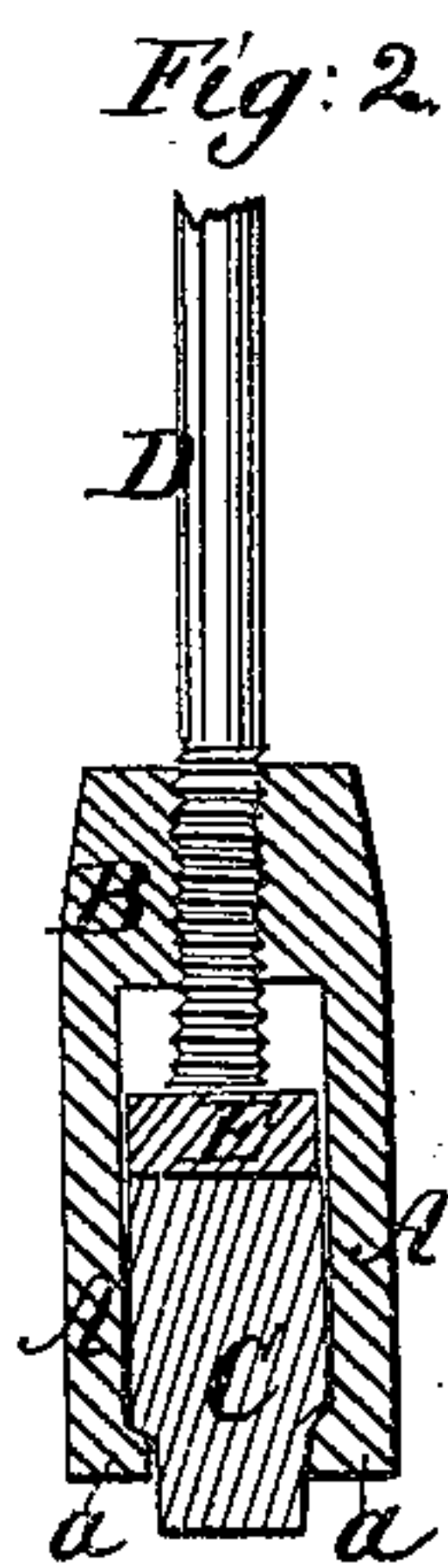
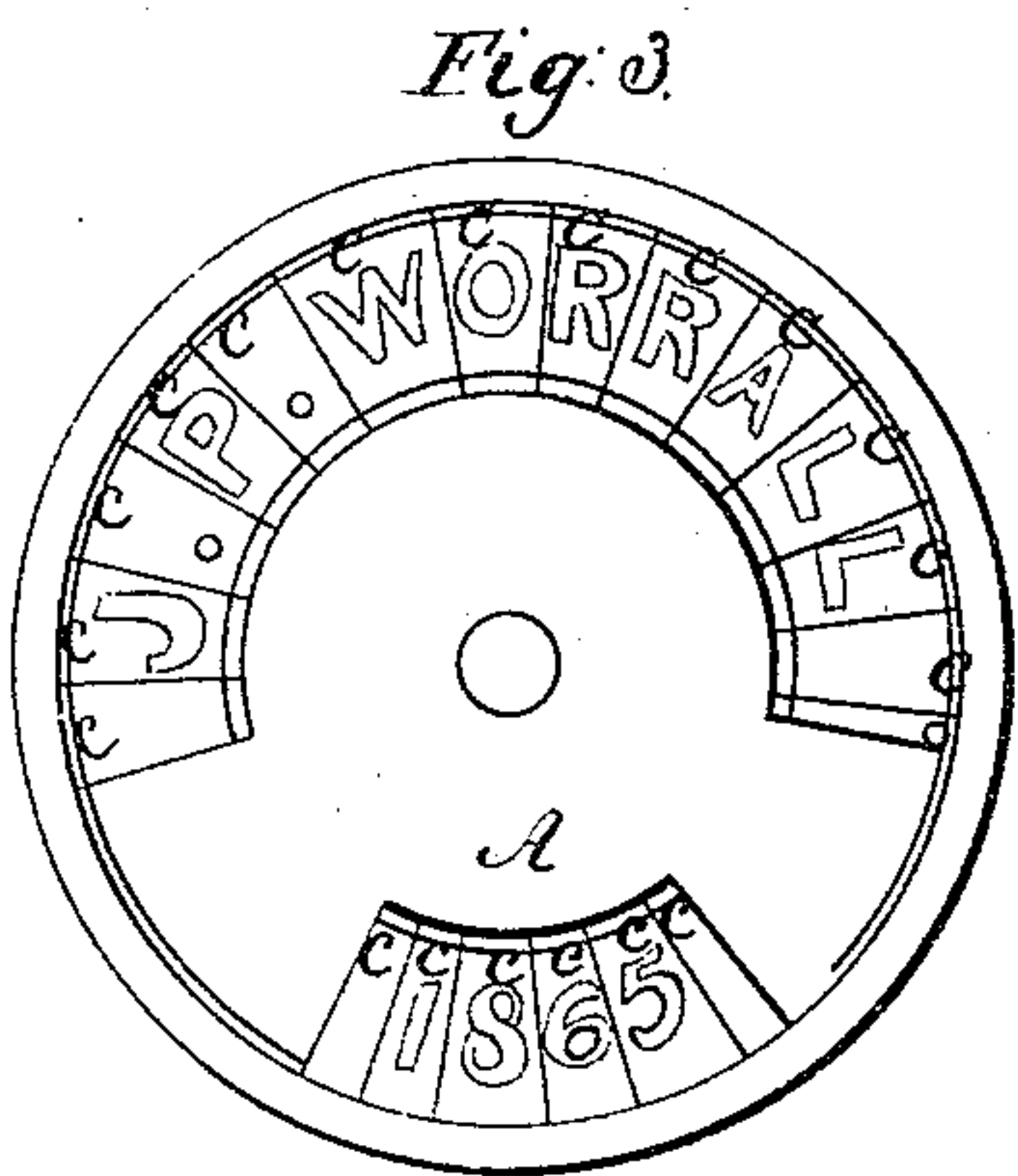
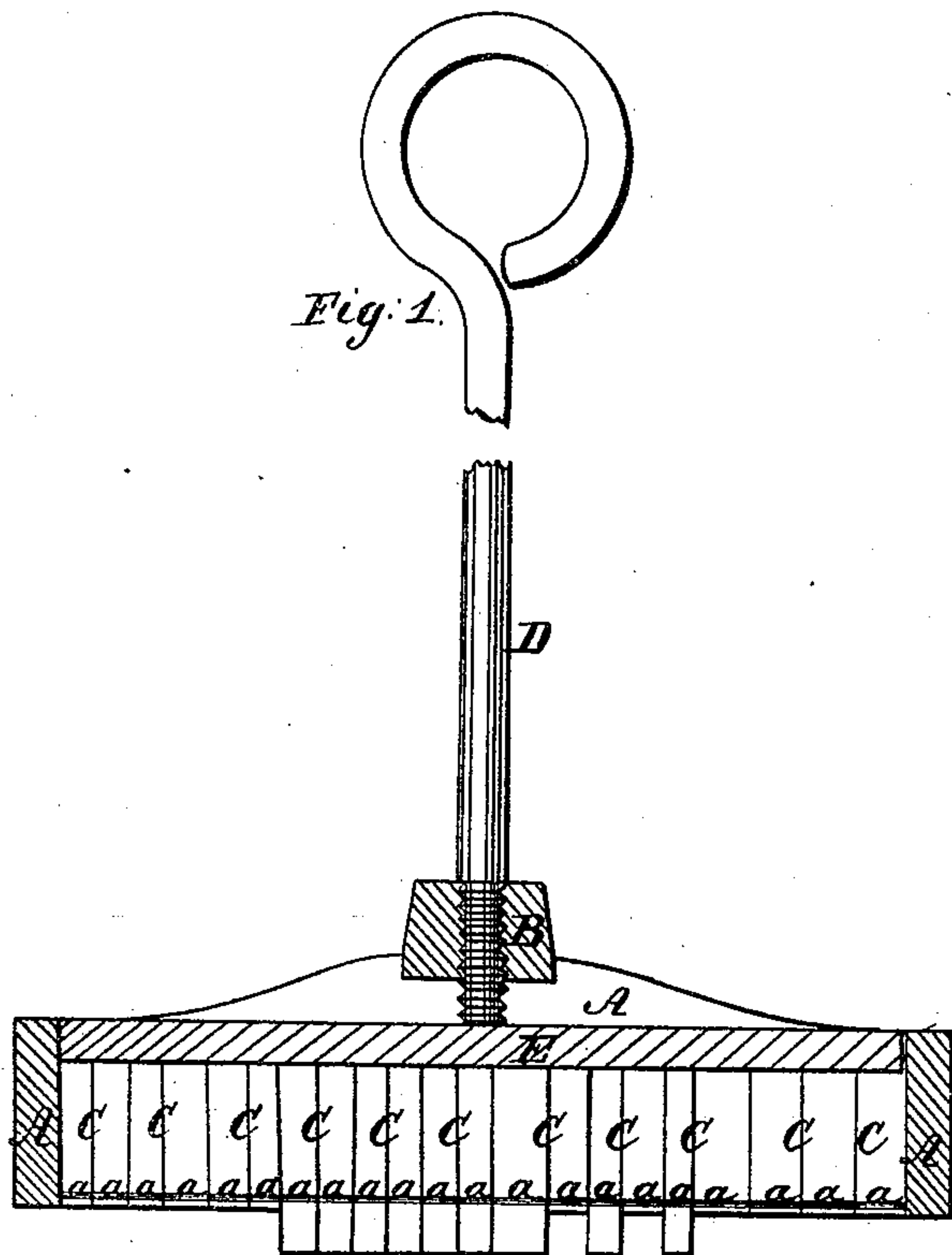


*J. P. Worrall.*  
*Branding Tool.*

*Nº 52238.*

*Patented Jan. 23. 1866.*



*Witnesses;*  
*E. R. M. Heau*  
*D. J. Dodge*

*Inventor;*  
*J. P. Worrall*  
*By his attys*  
*Smith & Dodge*

# UNITED STATES PATENT OFFICE.

J. P. WORRALL, OF PHILADELPHIA, PENNSYLVANIA.

## BRANDING-TOOL.

Specification forming part of Letters Patent No. 52,238, dated January 23, 1866.

*To all whom it may concern:*

Be it known that I, J. P. WORRALL, of the city of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Branding-Tools; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, in which—

Figure 1 is a vertical longitudinal section of my invention, taken on a line through the center of the same; and Fig. 2 is a vertical cross-section through the central portion; Figs. 3 and 4, a plan and section of a circular frame or case made upon my plan.

The nature of my invention consists in such a construction of the frame and movable types as will allow the said types to be readily removed or rigidly held in place, as desired.

That others may understand my improvement, I will more particularly describe it.

A is a metallic case, open at both top and bottom, but closed at the ends, and bridged across its central part by the bridge B, through which the screw-handle D passes. Along the inner lower edge of A are the flanges *a*.

CC are the movable types and blanks composing the inscription to be branded. They are each provided with shoulders corresponding to the shoulders *a*, as shown in Figs. 1 and 2, so that the types and blanks cannot

pass through the frame, but can only be inserted or removed through the top.

When the proper types and blanks are placed within the frame A in their proper order the follower E is introduced and laid over them and the handle D turned until the follower is pressed firmly upon the upper ends of the types, in which condition the tool may be heated and the branding done in the ordinary way.

By this method of construction any desirable inscription may be put up in a very short time, or it may be changed as often as desired with a small amount of trouble.

I am aware that branding-tools have been made having movable types, and such I do not claim; but

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

1. Constructing the case A of a single piece so arranged that the follower and type can be inserted or removed by simply loosening the handle, as herein shown and described.

2. In combination with the frame made as above described, the square-shouldered type, when arranged to operate in combination therewith, as and for the purpose set forth.

J. P. WORRALL.

Witnesses:

ALEXANDER BENNETT,  
E. T. FITCH.