

F. BROWN.

Improvement in Cigar-Mold Presses.

No. 132,352.

Patented Oct. 22, 1872.

Fig. 2.

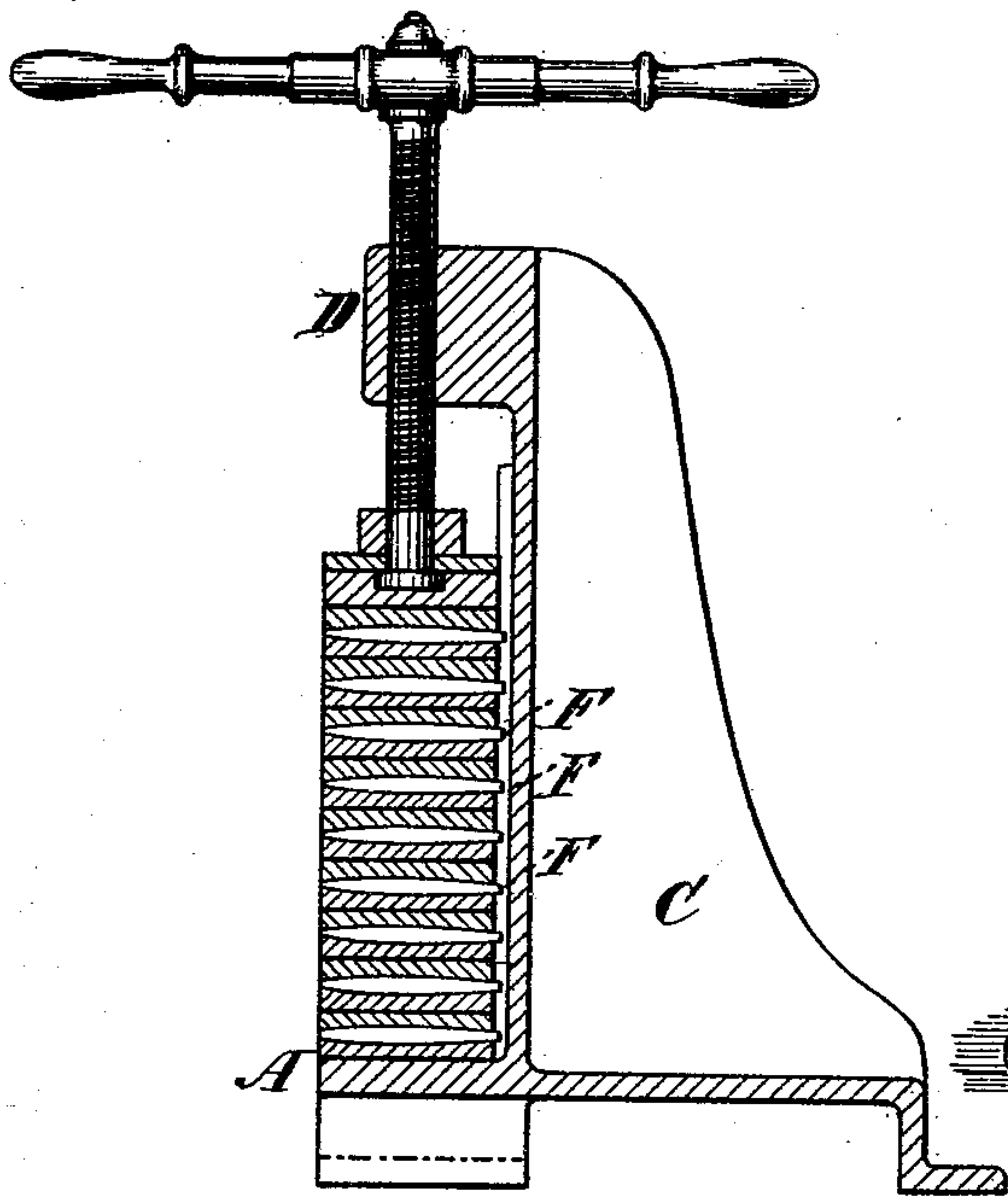


Fig. 1.

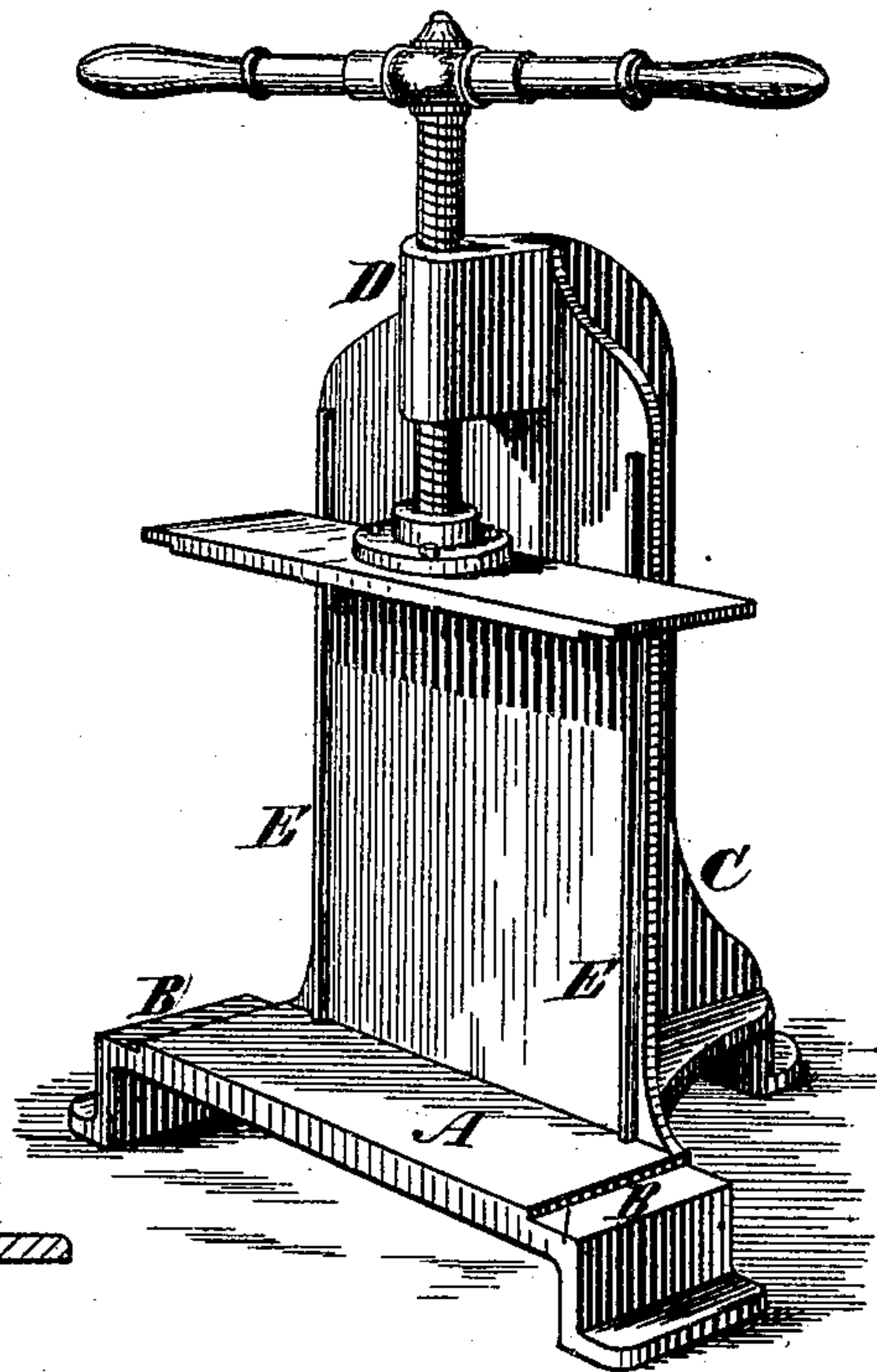


Fig. 3.

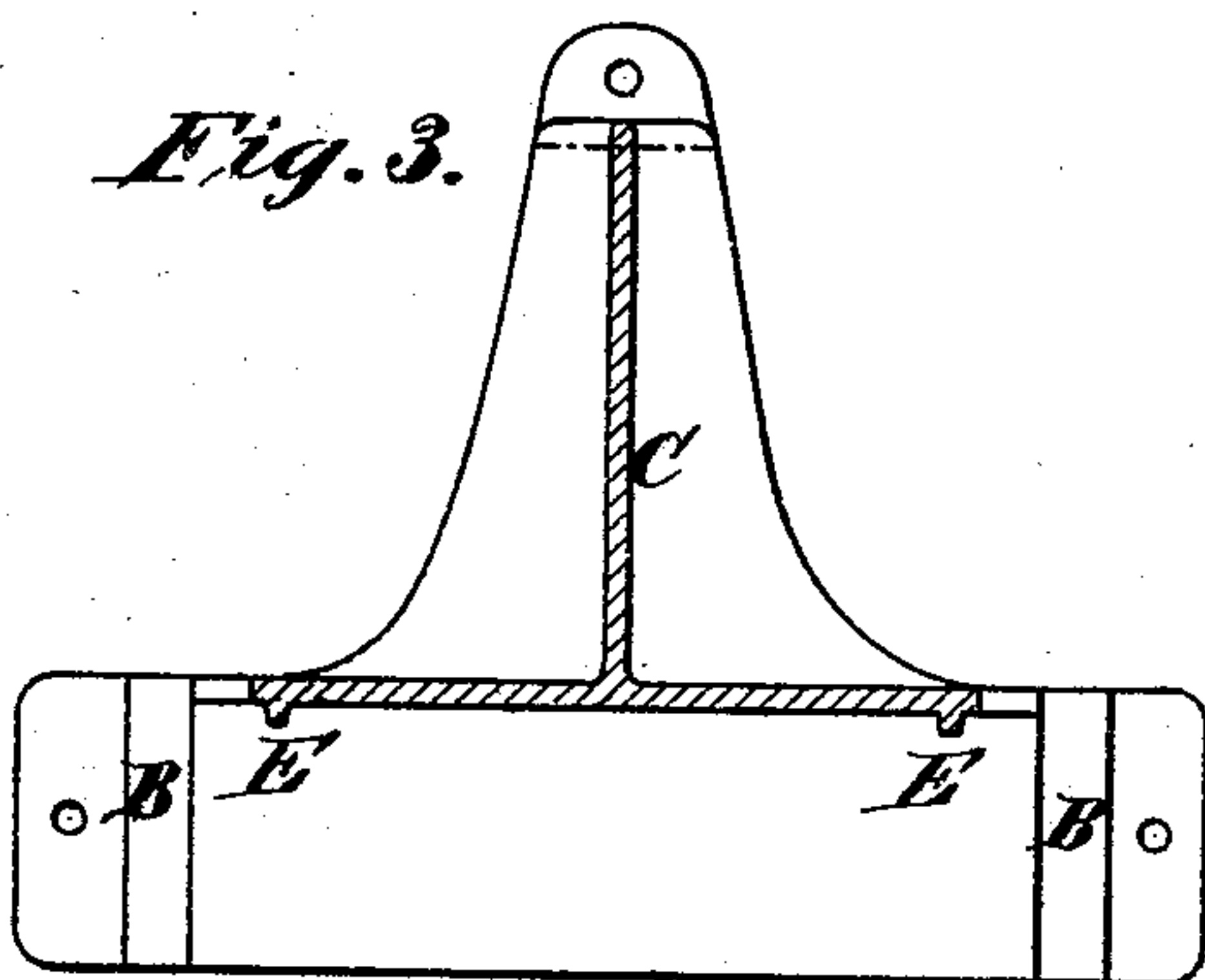
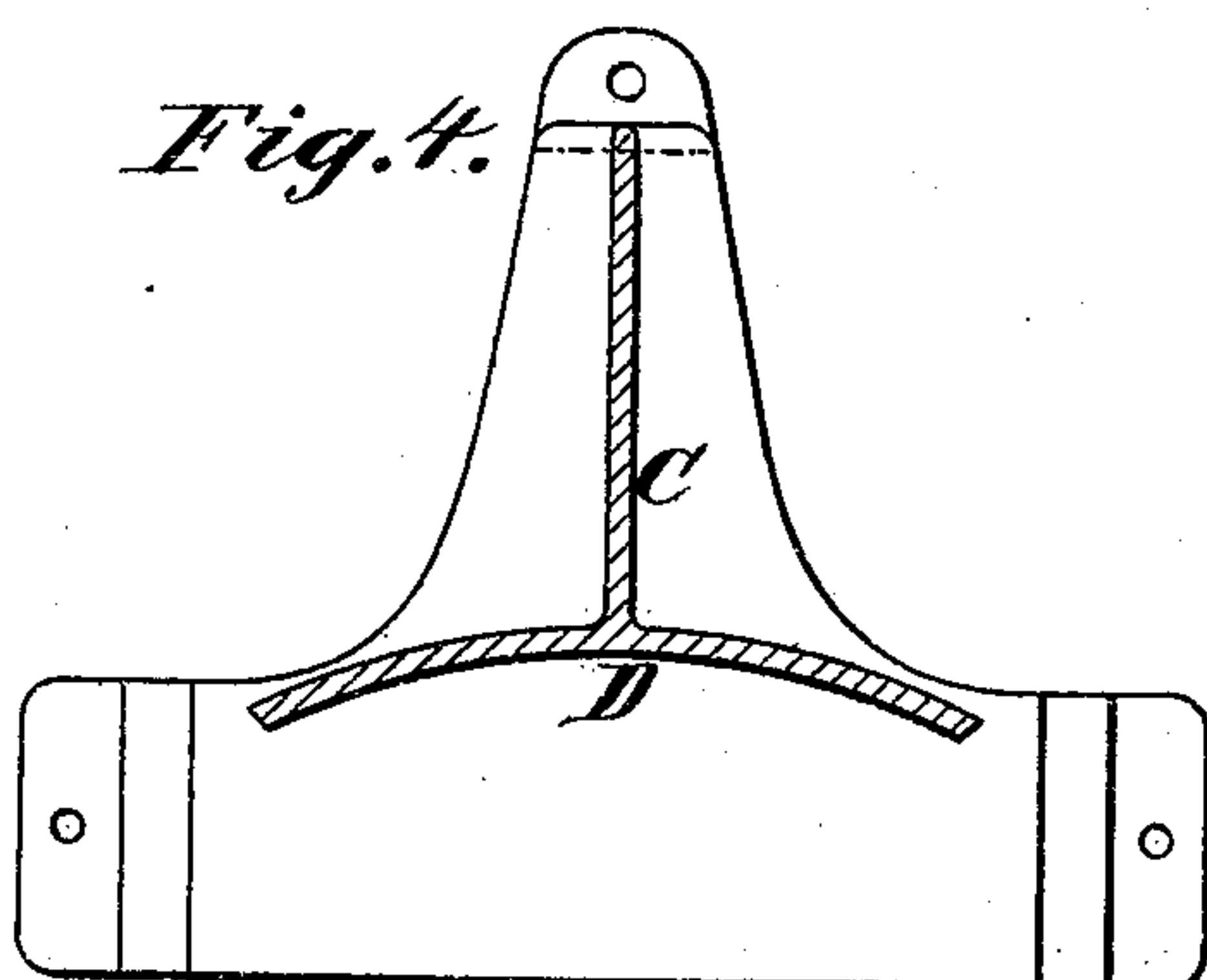


Fig. 4.



WITNESSES.

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IMPROVEMENT IN CIGAR-MOLD PRESSES.

Specification forming part of Letters Patent No. 132,352, dated October 22, 1872.

To all whom it may concern:

Be it known that I, FELIX BROWN, of the city, county, and State of New York, have invented certain Improvements in Cigar-Presses, of which the following is a specification:

Nature and Object.

This invention relates to that class of presses in which molds or forms are used to give shape and finish to the cigars during the process of "seasoning" or drying them, immediately after they are wrapped or formed by the maker; and the invention consists in mounting the screw and follower of the press upon a strong bracket or support, formed upon one side of the base or bed of the press, so as to leave the opposite side entirely open for the easy introduction of the molds, and providing ribs or guards upon the inner face of said bracket to prevent the ends of the cigars from chafing against the bracket as they protrude from the molds during the operation of being pressed, and as will be more fully understood by a reference to the drawing, in which—

Figure 1 is a perspective view of the press, showing the open space between the bed or base and the follower, also the ribs or guards upon the inner face of the bracket; Fig. 2 shows a vertical section of the upright bracket and a cross-section of the bed, with a pile of the molds in the press; Fig. 3 is a cross-section of the bracket, as shown at Fig. 1, taken immediately above the bed of the press; and Fig. 4 is a cross-section of a bracket with a curved inner face, which will serve the same purpose as the straight or plane face, with the ribs or guards for the molds.

A is the bed, in the form of a parallelogram, of sufficient size to receive the molds, and is provided with recesses at B B, or near each end, to receive the lower portions of the clamps or binders that hold the mold compressed when removed from the press for the process of "sea-

soning." Said bed is formed with a projecting flange from one side, as at C, to serve as a foundation for the upright bracket D that supports the screw and the follower of the press. Upon the inner face of said bracket or support vertical ribs or projecting flanges, as at E E, are formed to extend out over the bed a short distance, to serve as guides to the molds and guards to the cigars to prevent their inner ends from chafing against the face of the bracket, as at F F F, Fig. 2. A substitute for the ribs may be produced by curving the face of the upright bracket D, as at Fig. 4, in which case the edges of the molds would rest against the extremities of the arc so formed, and which would give a sufficient space between its face and the ends of the cigars.

It is evident that a press so formed, with one side open for the easy introduction of the molds, accomplishes a desirable object; but the guides or guards, as at E E, or the equivalent thereof, as at Fig. 4, will be found to be very essential.

I therefore claim—

1. In a cigar-press, the bed A provided with the vertical bracket D and flange C, for the purpose specified.

2. In a cigar-press, the vertical bracket D having the mold and cigar-guards E E, in combination with the screw, its pressing-plate or follower, and the base A, as and for the purpose specified.

3. In a cigar-press, the bed A provided with the recesses B B, flange C, and vertical bracket D having the cigar and mold-guides E E, in combination with the screw and follower, all constructed and arranged as and for the purpose herein shown and set forth.

FELIX BROWN.

Witnesses:

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