

J. W. SURSA.
Cigar-Press.

No. 210,062.

Patented Nov. 19, 1878.

Fig: 1.

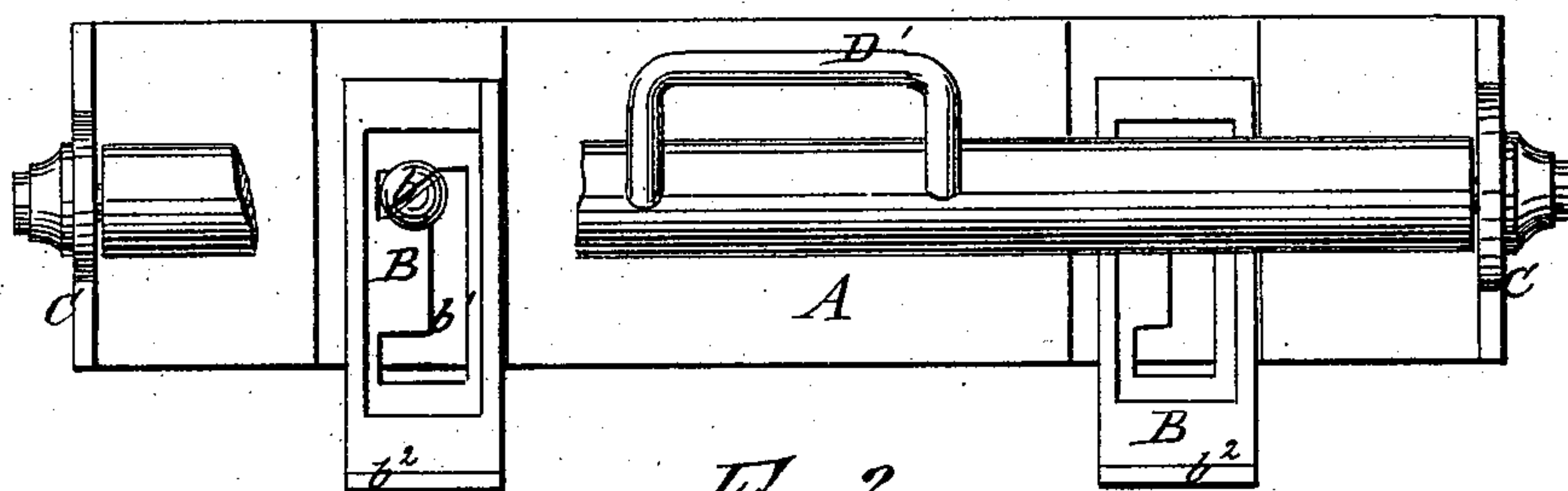


Fig: 2.

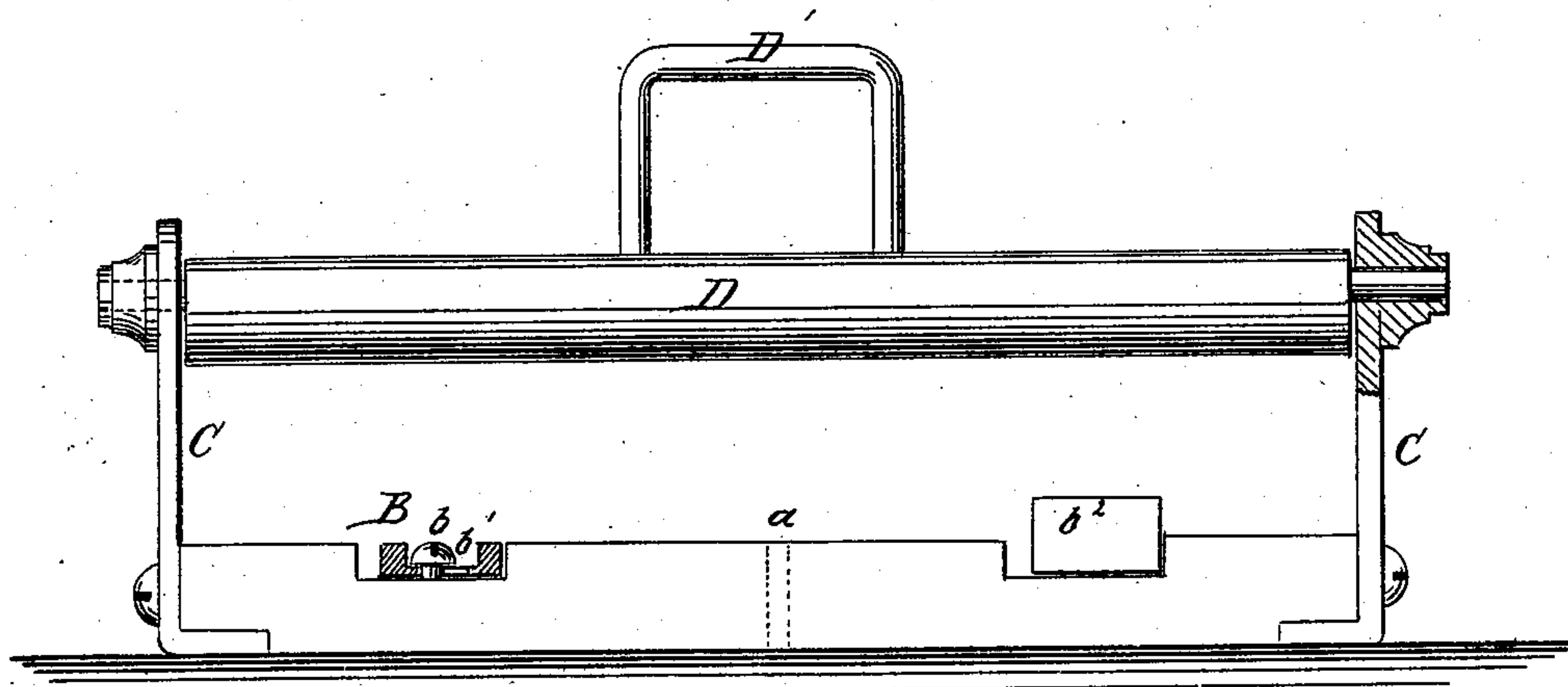
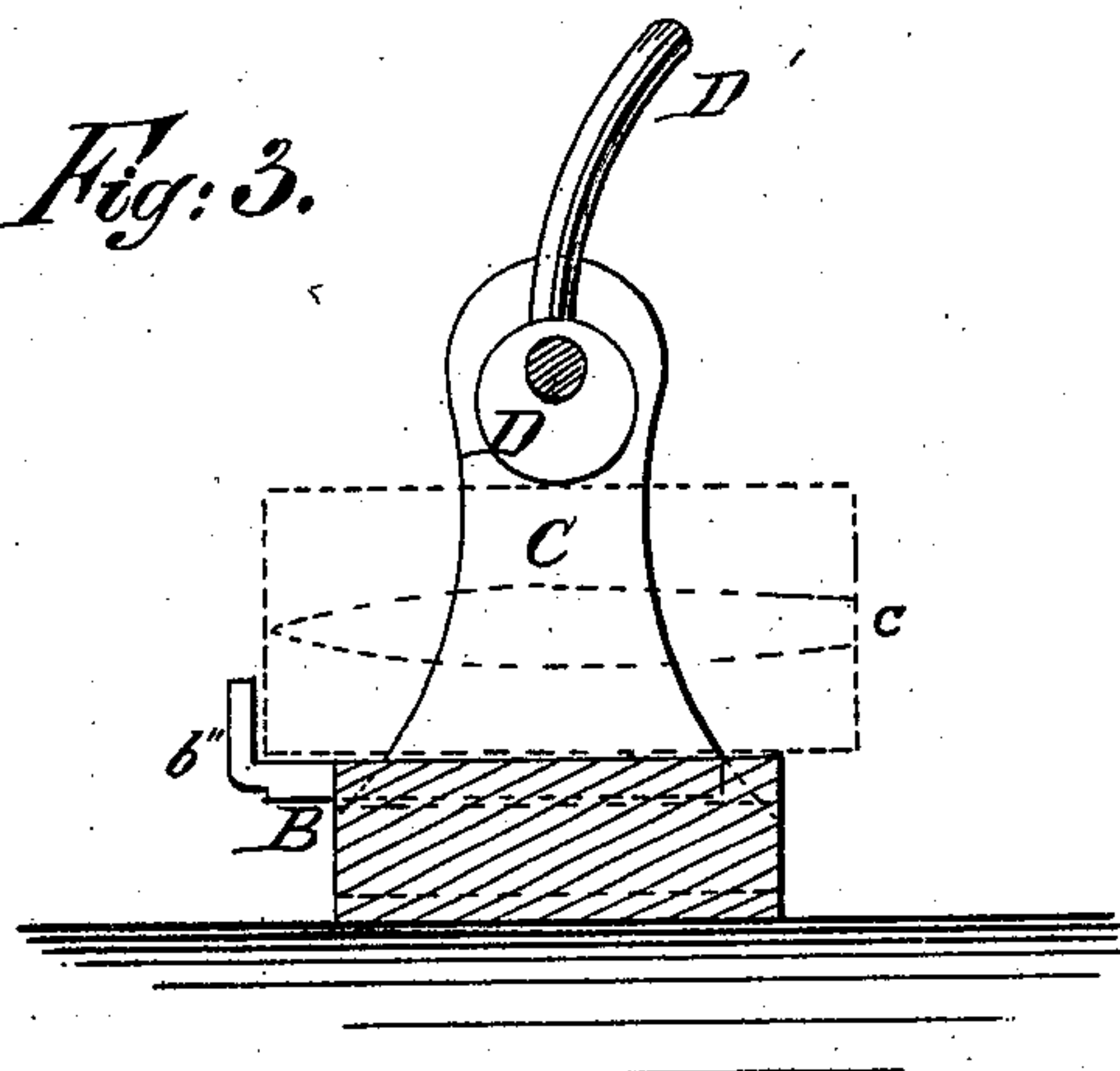


Fig: 3.



WITNESSES:

Chas. Nida
C. Sedgwick

INVENTOR:

J. W. Sursa
Munroe

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES W. SURSA, OF VENICE, ILLINOIS, ASSIGNOR TO HENRY F.
WEOHRHEIDE, OF SAME PLACE.

IMPROVEMENT IN CIGAR-PRESSES.

Specification forming part of Letters Patent No. **210,062**, dated November 19, 1878; application filed
October 11, 1878.

To all whom it may concern:

Be it known that I, JAMES W. SURSA, of Venice, in the county of Madison and State of Illinois, have invented a new and Improved Cigar-Press, of which the following is a specification:

The object of my invention is to provide a press for cigar-molds that is simpler and more economical in construction and more easily worked than those now in use.

It consists of a bench adapted to receive one set of molds, and provided with means for enabling molds of different sizes to be used, and furnished with a cam-shaft, with which the required amount of pressure is brought to bear on the molds.

In the accompanying drawings, forming part of this specification, Figure 1 is a plan of my improvement; Fig. 2, a side elevation of the same; and Fig. 3 is a cross-section of the same.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the bench on which the molds are set when filled with cigars. It is provided with a hole, *a*, through which a screw is passed to secure it to the table at which the workman stands. The metal slides B are let into the bench A and secured by set-screws *b*, passed through slots *b'* into the bench. These slides are each provided with an upturned flange, *b''*, at the back, against which the mold is shoved when placed under the press. The purpose of the slides is to furnish an adjustable support for the molds, so that different sizes can be used under the same press.

To each end of the bench A is fixed an upright, C, in which is pivoted eccentrically a shaft, D, forming a cam, which is operated by means of a handle, D.

The operation of my improvement is as follows: A mold, *c*, having been filled with cigars, the workman throws the face of the cam up by means of the handle, and then thrusts the mold under it on the bench and back against the upturned portions or flanges *b'' b''*, as shown in Fig. 3. He then draws the handle back to an upright position, as indicated in the drawings, bringing the face of the cam to bear on the top of the mold with sufficient force to exert the required pressure upon the cigars.

My press is adapted for but one set of molds, and thus every workman can have one by him, and is not required to go into another part of the factory to have his cigars pressed. Moreover, there is no delay, as when one mold is under the press he can be filling another while he is waiting, and thus the work is done more expeditiously and as efficiently as by any press now in use.

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

An improvement in presses for cigar-molds, the bench A, provided with adjustable slides B B, in connection with the cam-shaft D, provided with the handle D', substantially as and for the purpose described.

JAMES W. SURSA.

Witnesses:

JOHN F. WALTON,
FRED. C. MEHL.