

(No Model.)

2 Sheets—Sheet 1.

E. E. BAKER.

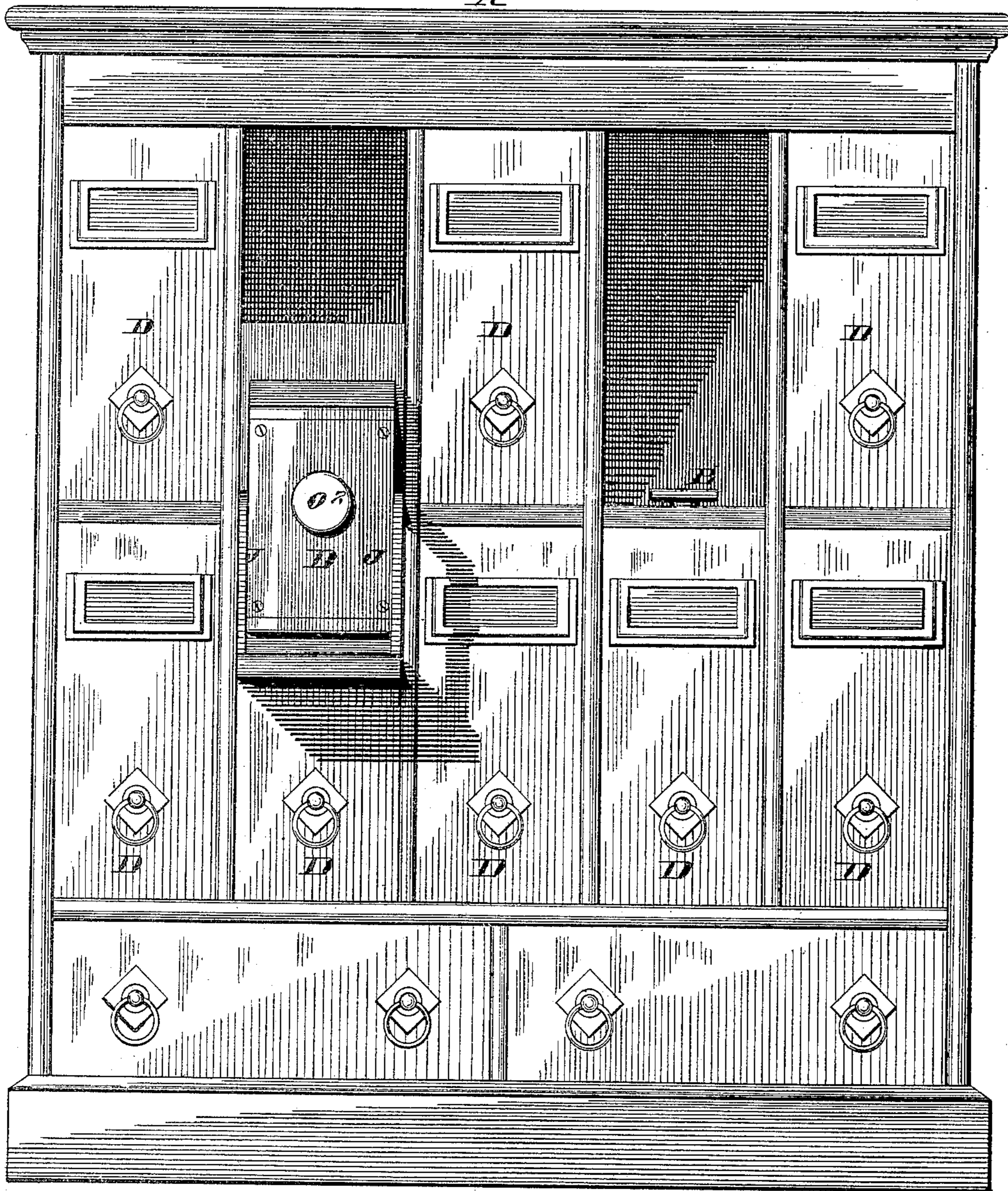
PAPER FILE.

No. 338,909.

Patented Mar. 30, 1886.

*Fig. 1.*

*A*



*Attest;*  
*Charles Pickles*  
*Geo. L. Wheelock*

*Inventor;*  
*Edw. E. Baker*  
*By Knight Bros*  
*Attys*

(No Model.)

2 Sheets—Sheet 2.

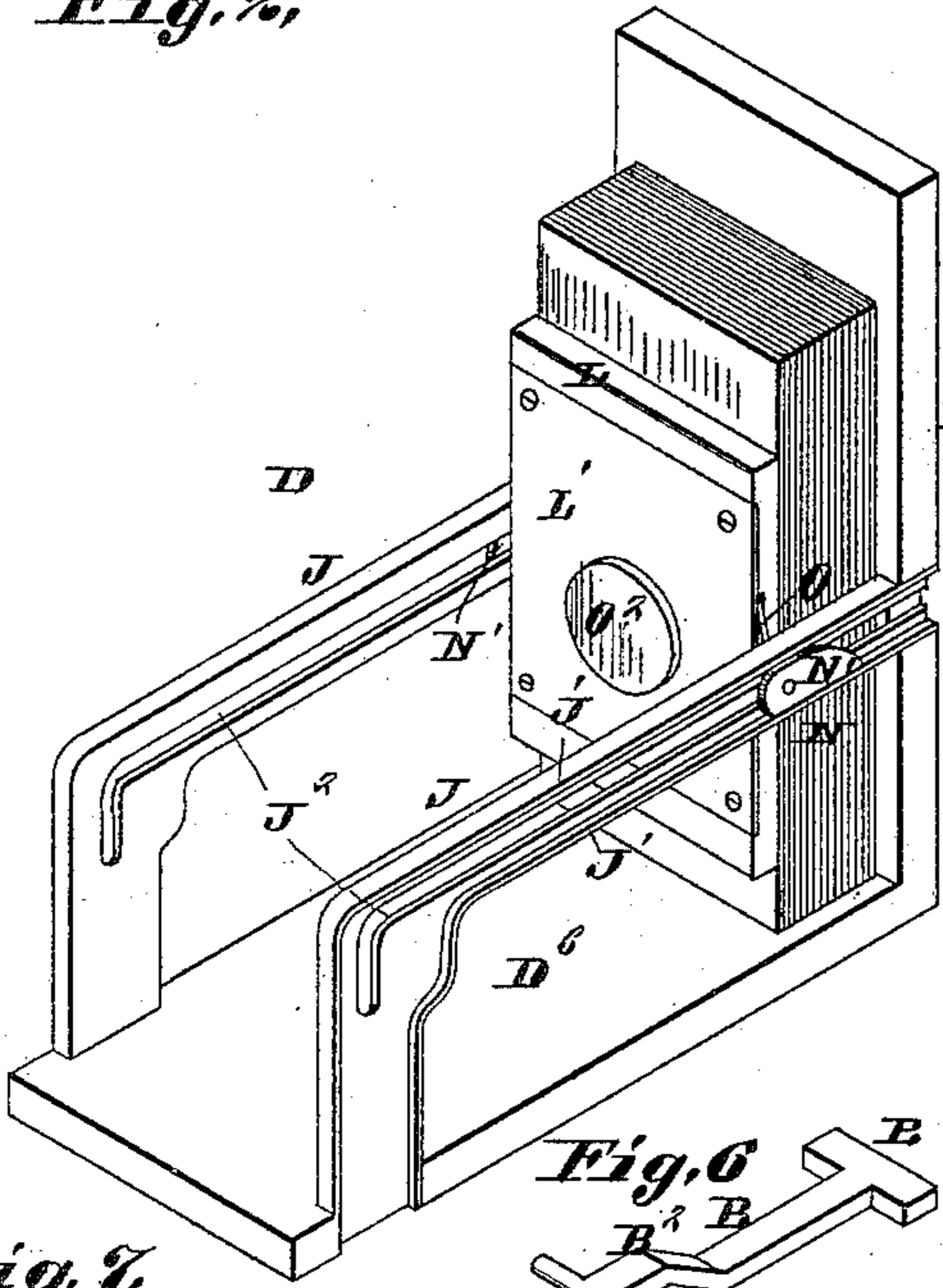
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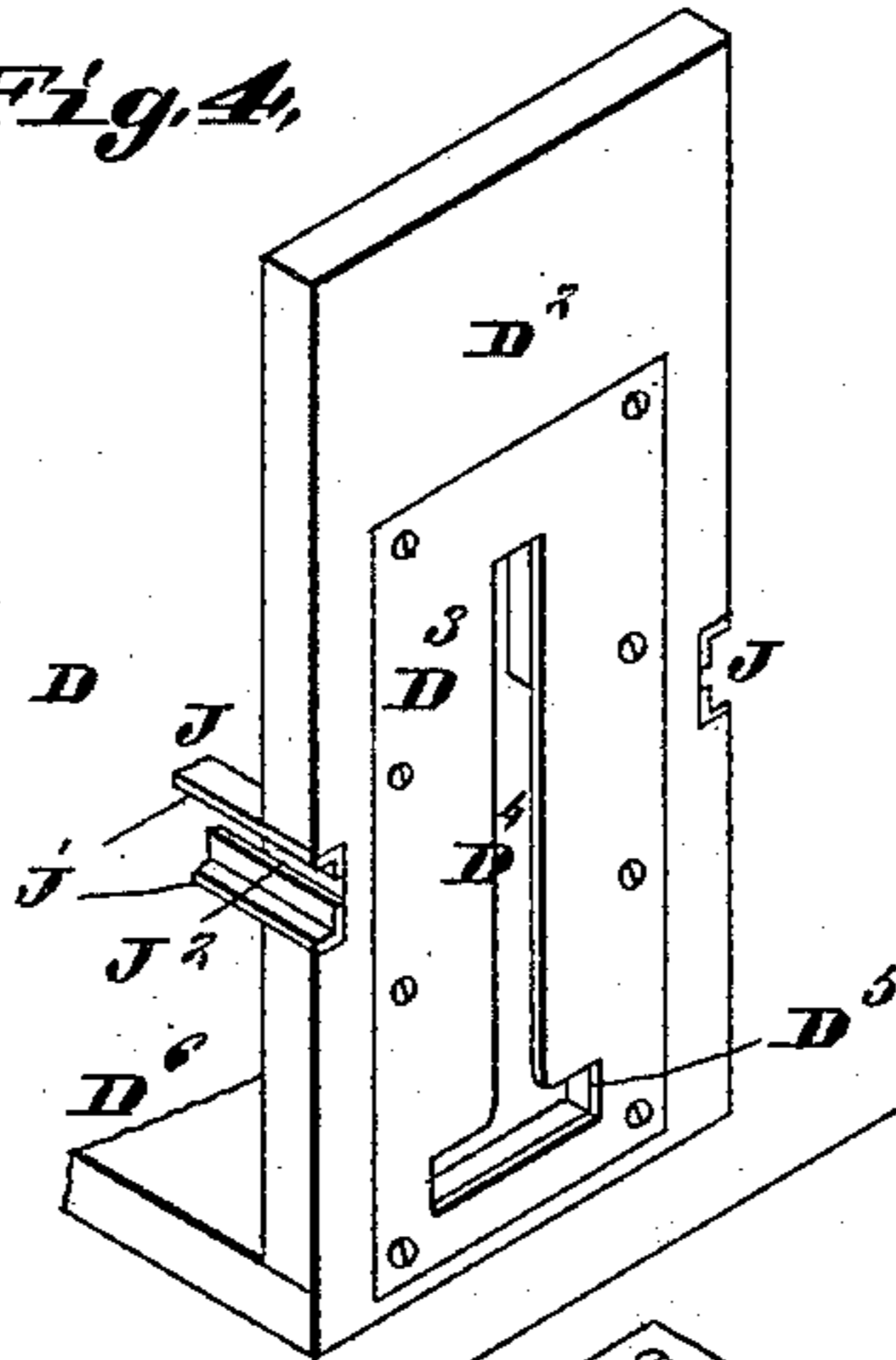
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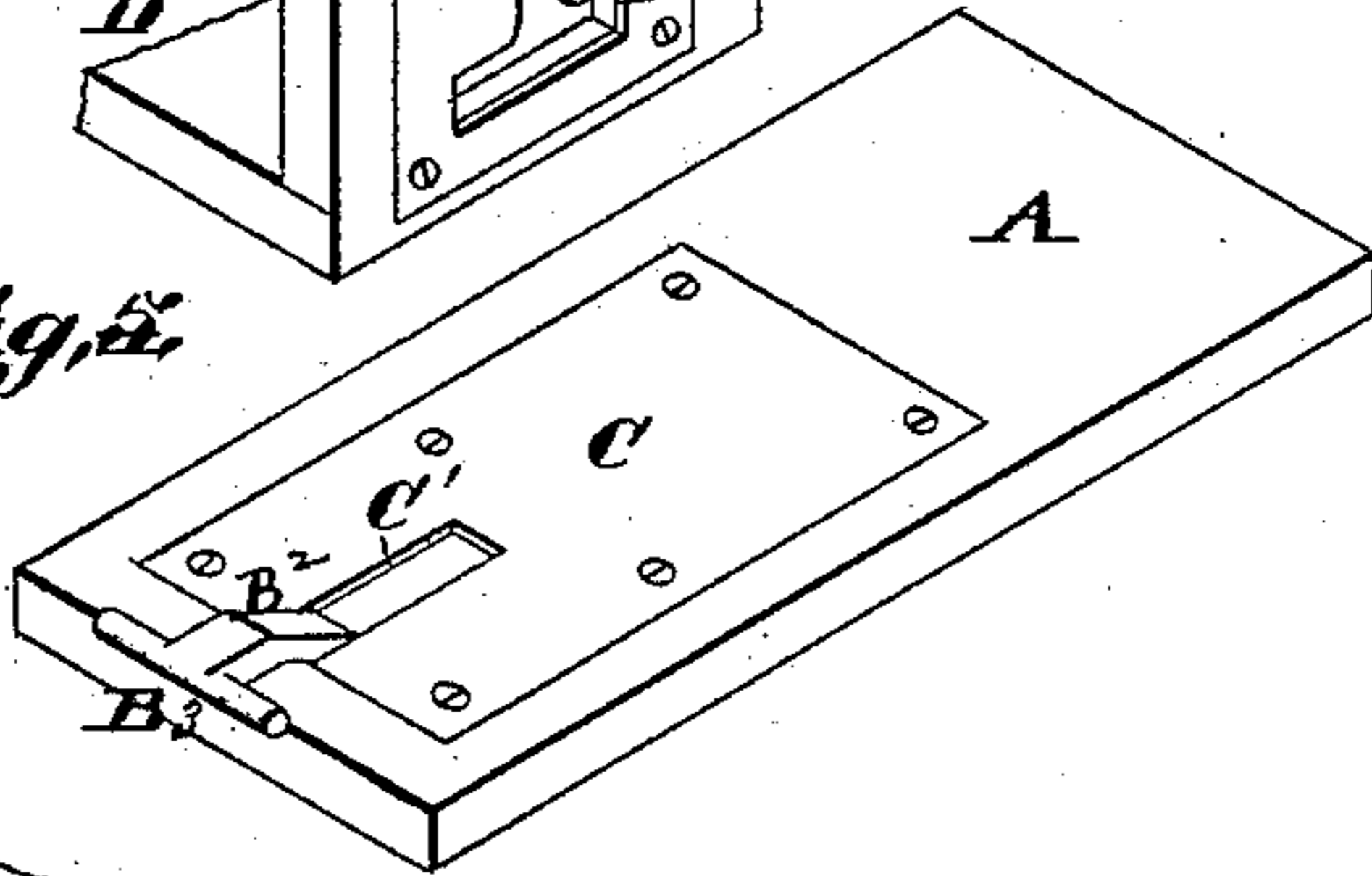
*Fig. 2.*



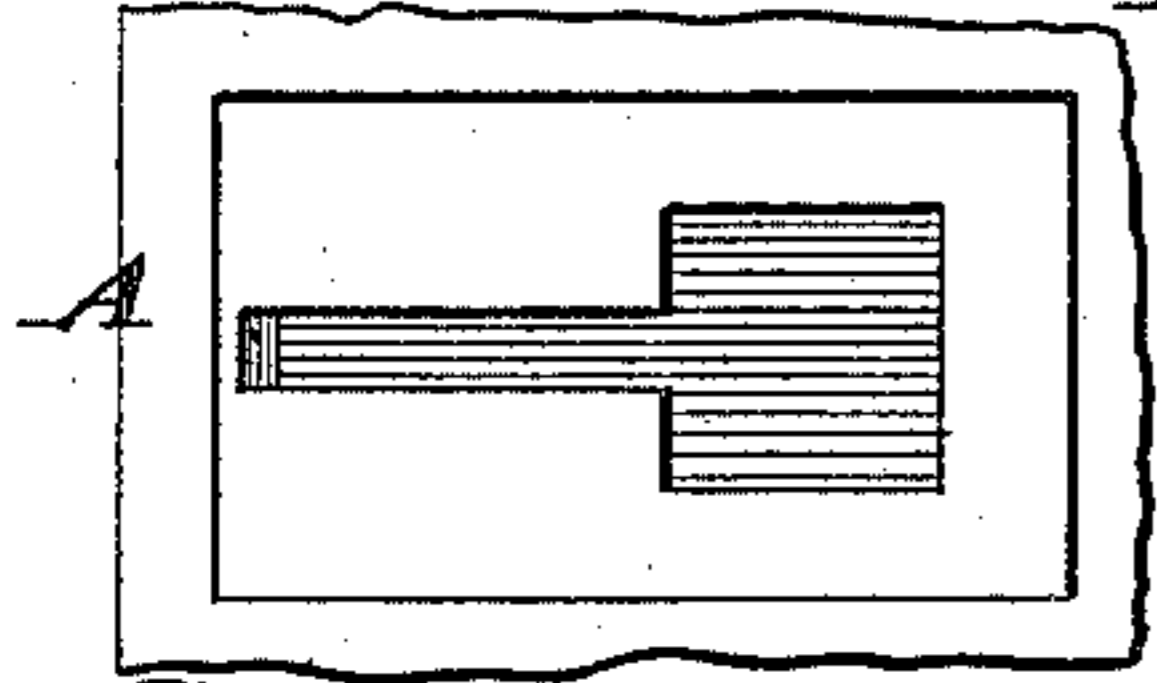
*Fig. 4.*



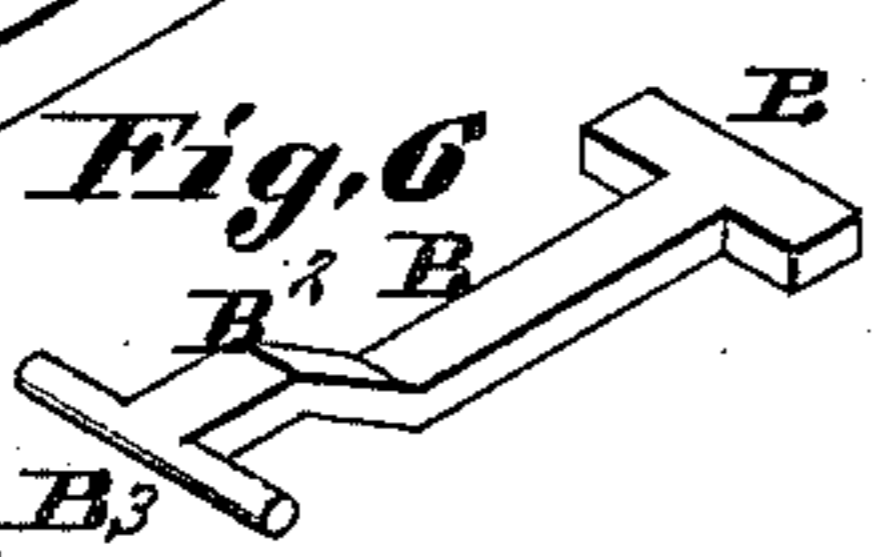
*Fig. 2.*



*Fig. 7.*



*Fig. 6*



*Fig. 3.*

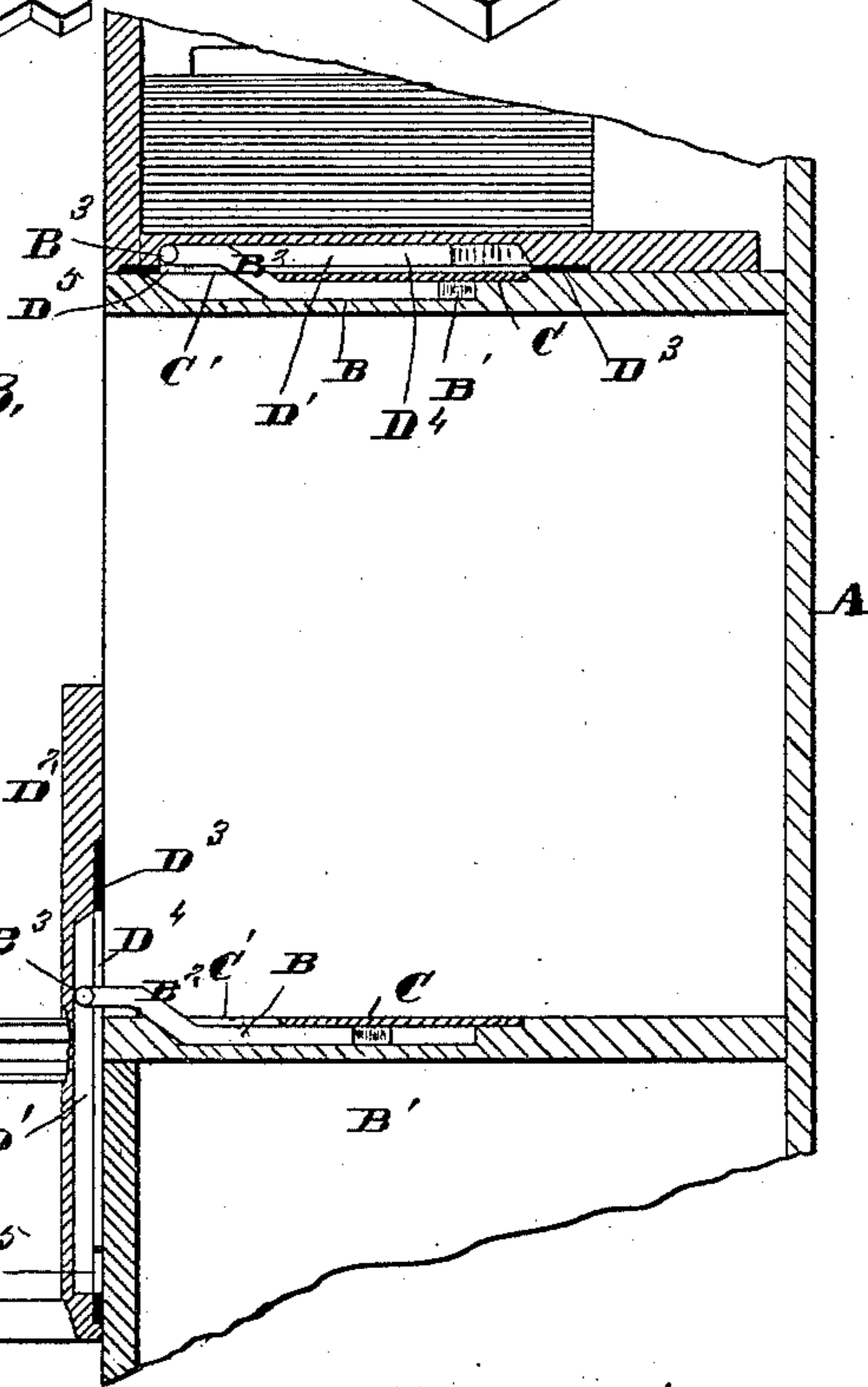
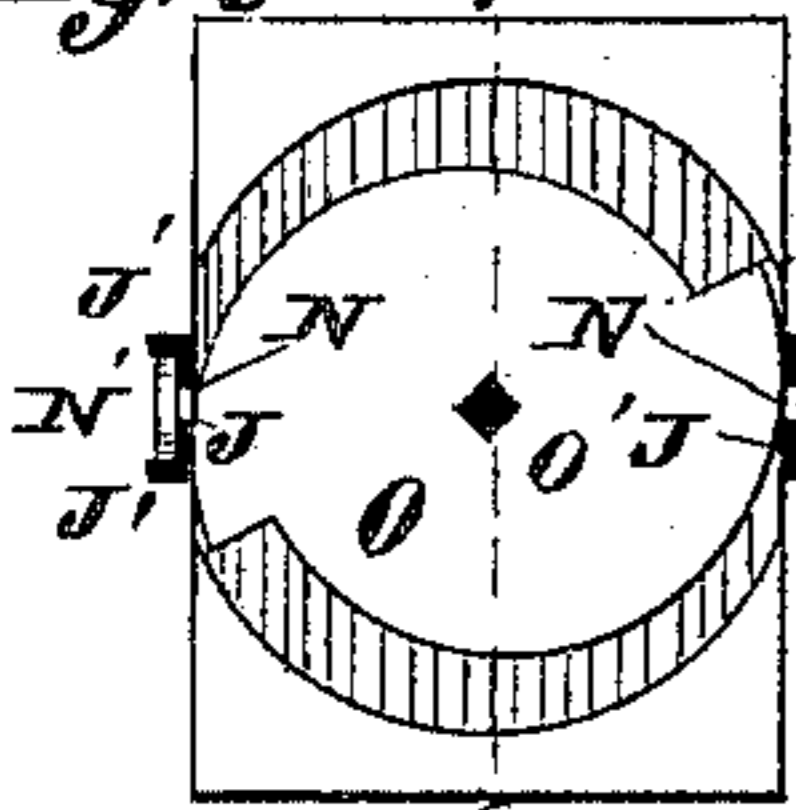
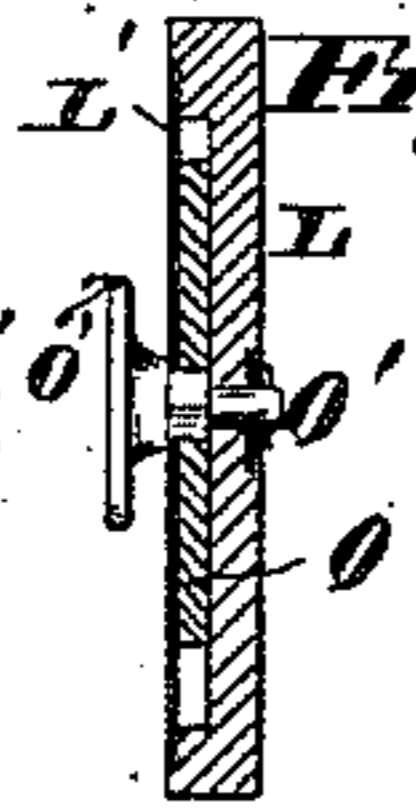


Fig. 8. 9



**Fig. 9,**



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# UNITED STATES PATENT OFFICE.

EDWARD E. BAKER, OF MORGANTOWN, WEST VIRGINIA.

## PAPER-FILE.

SPECIFICATION forming part of Letters Patent No 338,909, dated March 30, 1886

Application filed April 13, 1885. Renewed March 3, 1886. Serial No. 193,908. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD E. BAKER, of Morgantown, Monongalia county, West Virginia, have invented a certain new and useful  
5 Improvement in Paper-Files, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, and in which—

10 Figure 1 is an elevation of a cabinet containing a number of my improved files, one of which has been removed and another dropped down. Fig. 2 is a perspective view of one of the files removed. Fig. 3 is a detail vertical  
15 section of the cabinet, showing one of the files dropped down. Fig. 4 is a perspective view of the bottom of one of the files. Fig. 5 is a similar view of the bottom of one of the cells of the cabinet or case. Fig. 6 is a perspective  
20 of the stop-bar of one of the files removed. Fig. 7 is a detail view of the bottom of one of the cells with slotted plate removed. Fig. 8 is an inside view of the locking-cam, showing the guide-bars or rails in transverse section.  
25 Fig. 9 is a section of the cam and its holding-plate, taken on line 9 9, Fig. 8.

My invention relates to an improved form of paper-file and the manner in which the same is connected to and made removable  
30 from a cabinet or case designed to hold a number of the files.

My invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

35 Referring to the drawings, A represents a case having a number of cells or compartments to receive my improved files, the bottom of each cell being grooved out to receive the lower part of a stop-bar, B, that acts to limit  
40 the drop of the files and hold them in their open position, as shown in Fig. 3. The bar is held in the groove by a plate, C, having a slot, C', to permit the bar to have an endwise movement, the bar having a head, B', on its  
45 inner end to prevent its being removed through the slot C'. The shape of the bar is shown in Fig. 6, the incline part B<sup>2</sup> raising the outer end of the bar above the bottom of the cell, as shown in Figs. 3 and 5. The outer end of the bar  
50 has a head, B<sup>3</sup>, fitting and working in a groove, D', in the bottom D<sup>2</sup> of the file D, the groove being covered by a plate, D<sup>3</sup>, having a slot, D<sup>4</sup>,

for the bar B to work in, with an enlargement, D<sup>5</sup>, for the passage of the head B<sup>3</sup> as the file is attached to and removed from the bar. When  
55 the file is pulled out and dropped over into the position shown in Fig. 3 and also Fig. 1, into which position it is brought to be exposed, it is held by this bar, and by lifting the file vertically while in this position until the  
60 enlargement D<sup>5</sup> is at the head of the bar, it can be moved out away from the case, and thus disconnected from the bar, and when returned to its cell the head of the bar will automatically enter the slot the next time the file is  
65 drawn out, owing to the outer end of the bar being raised above the bottom of the cell by the incline portion B<sup>2</sup>, as specified.

D<sup>6</sup> represents the front portion of the files connected to the bottoms by side bars or plates,  
70 J, having flanges J' and slots J<sup>2</sup>.

L represents a plate supported by these side bars on pins, N, fitting and working in the slots J, and having blocks or pieces N' on their  
75 outer ends, that fit between the flanges J', as shown in Fig. 2, and hold the plate in position as it is moved back and forth on the side bars. The papers are clamped or held between this plate and the bottom of the file,  
80 (see Fig. 2,) and the plate is held up against the papers by a cam, O, (see Figs. 8 and 9,) journaled to the plate by a short shaft, O', provided with a hand or thumb wheel, O<sup>2</sup>, by  
85 which it is turned to force the cam against the bars or plates J, (see Fig. 8,) to hold the plate L against the papers, or by turning the wheel in the other direction, the cam is moved out  
90 of contact with the bars, as will be plainly understood by referring to Fig. 8, where the shape of the cam is plainly shown. The cam is held to the plate L by a second plate, L', the two being screwed or otherwise held together. By sliding the plate back to the position shown in Fig. 2, the papers can be  
95 conveniently put in, removed, and examined.

I am aware that a file box has been secured to the floor of the pigeon-hole or cell by means of a T-headed plate slotted longitudinally for the passage of the attaching-screws, and at the same time permitting the necessary longitudinal  
100 movement; but such is not the equivalent of my invention.

I claim as my invention—

1. In combination with the case having the

cell with grooved bottom and a slotted plate covering said groove, the bar with a head on each end thereof, one of which fits and works in said groove, and the file having a groove in which the other head of said bar fits and works, and a slotted plate covering said groove, substantially as and for the purpose set forth.

2. In a paper-file, the front and bottom and side bars, in combination with the sliding plate, and a rotary disk journaled to said plate and engaging at opposite points with said side bars, substantially as set forth.

3. In combination with a case having a cell formed with a grooved bottom and a slotted plate covering said groove, and a file having a groove covered by a slotted plate, of a bar formed in different planes connected by an inclined part, and having an enlarged head at each end which fit and work in the grooves in the bottom of the cell and the file, respective-

ly, being confined by the slotted plates, substantially as set forth.

4. The front and bottom, in combination with the side bars slotted longitudinally, as described, the sliding plate having pins projecting through said slots, and blocks or plates secured to said pins outside of the side bars, and a rotary cam-disk journaled to said sliding plate and bearing at its opposite sides outwardly upon the side bars, as set forth.

5. In combination with the front and bottom, the side bars, the sliding plate, a cam-disk adapted to engage at its opposite edges with said side bars, a shaft to which said disk is secured, and a thumb wheel secured to said shaft for turning it, as set forth.

EDWARD E. BAKER.

In presence of—

SAML. KNIGHT,

BENJN. A. KNIGHT.