

(No Model.)

T. E. BADEN.

BILL FILE.

No. 321,333.

Patented June 30, 1885.

Fig. 1.

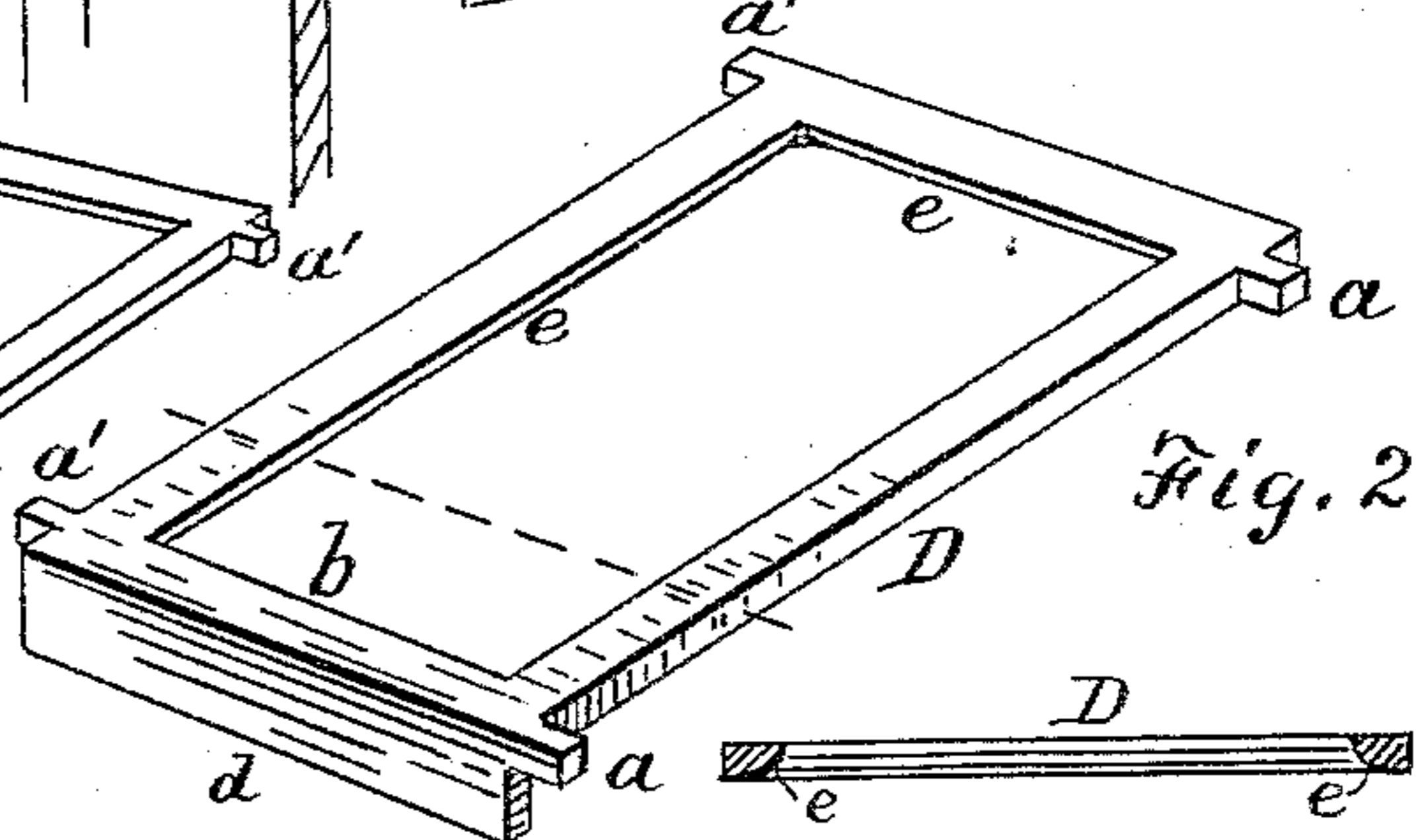
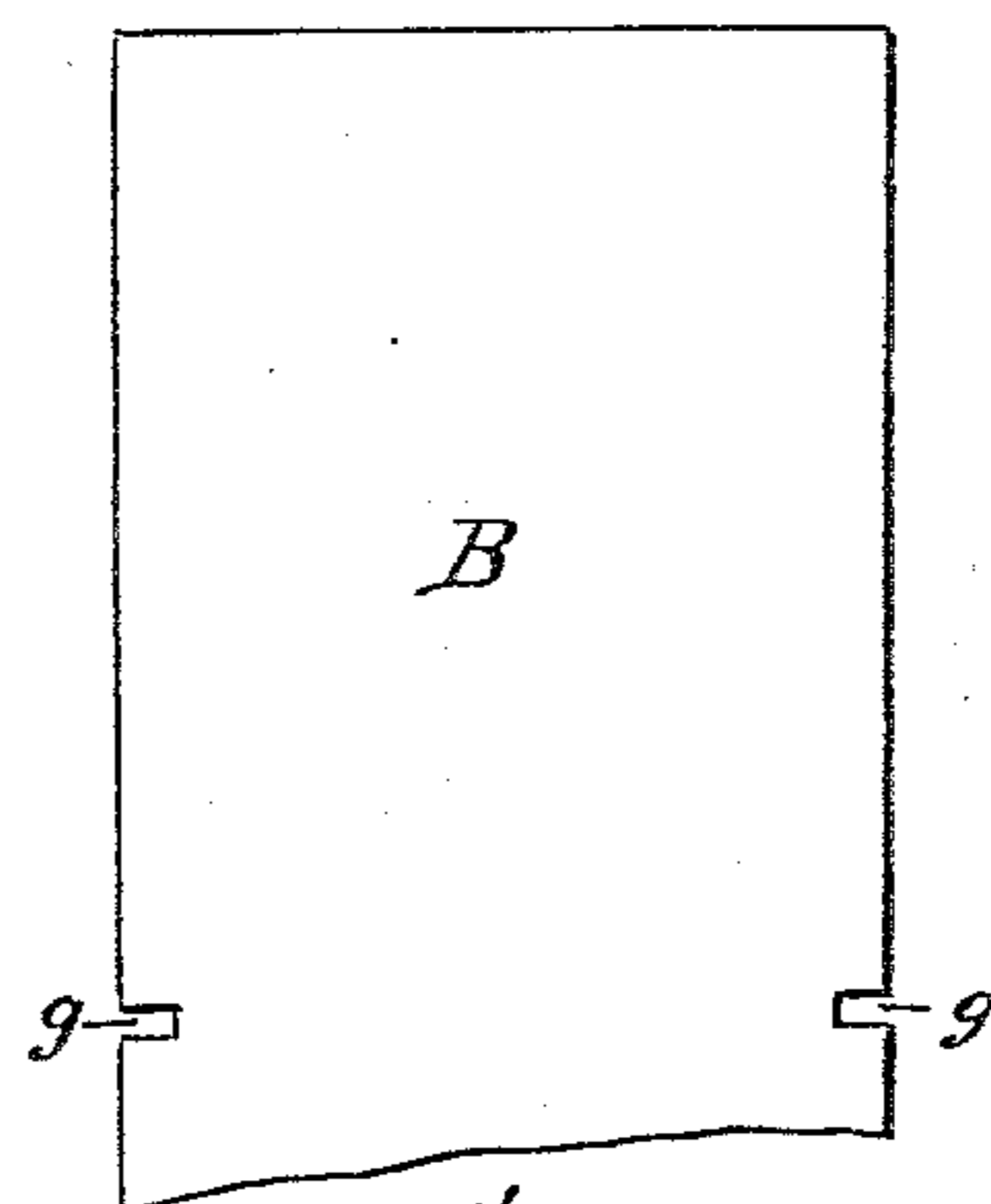
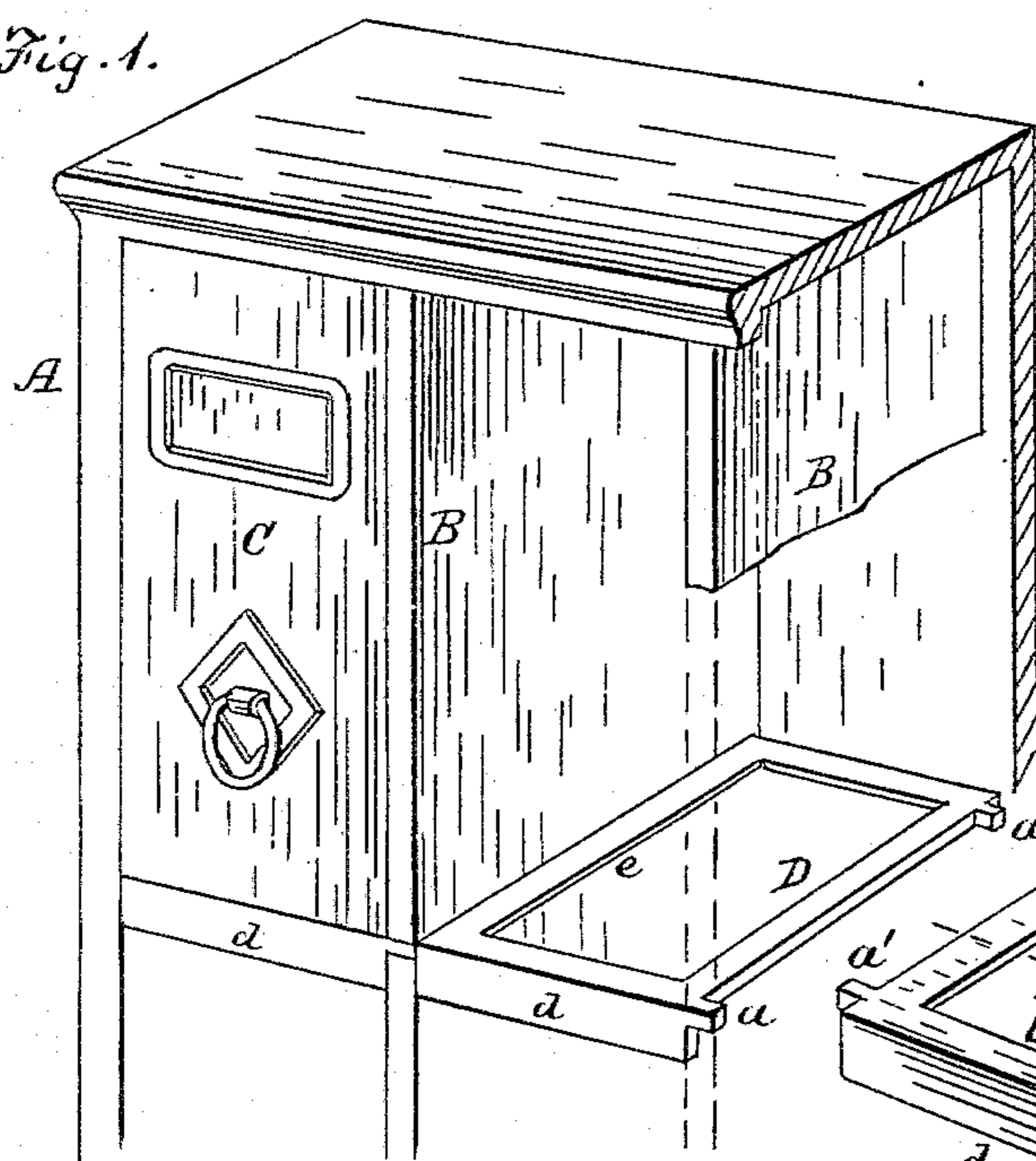


Fig. 3.

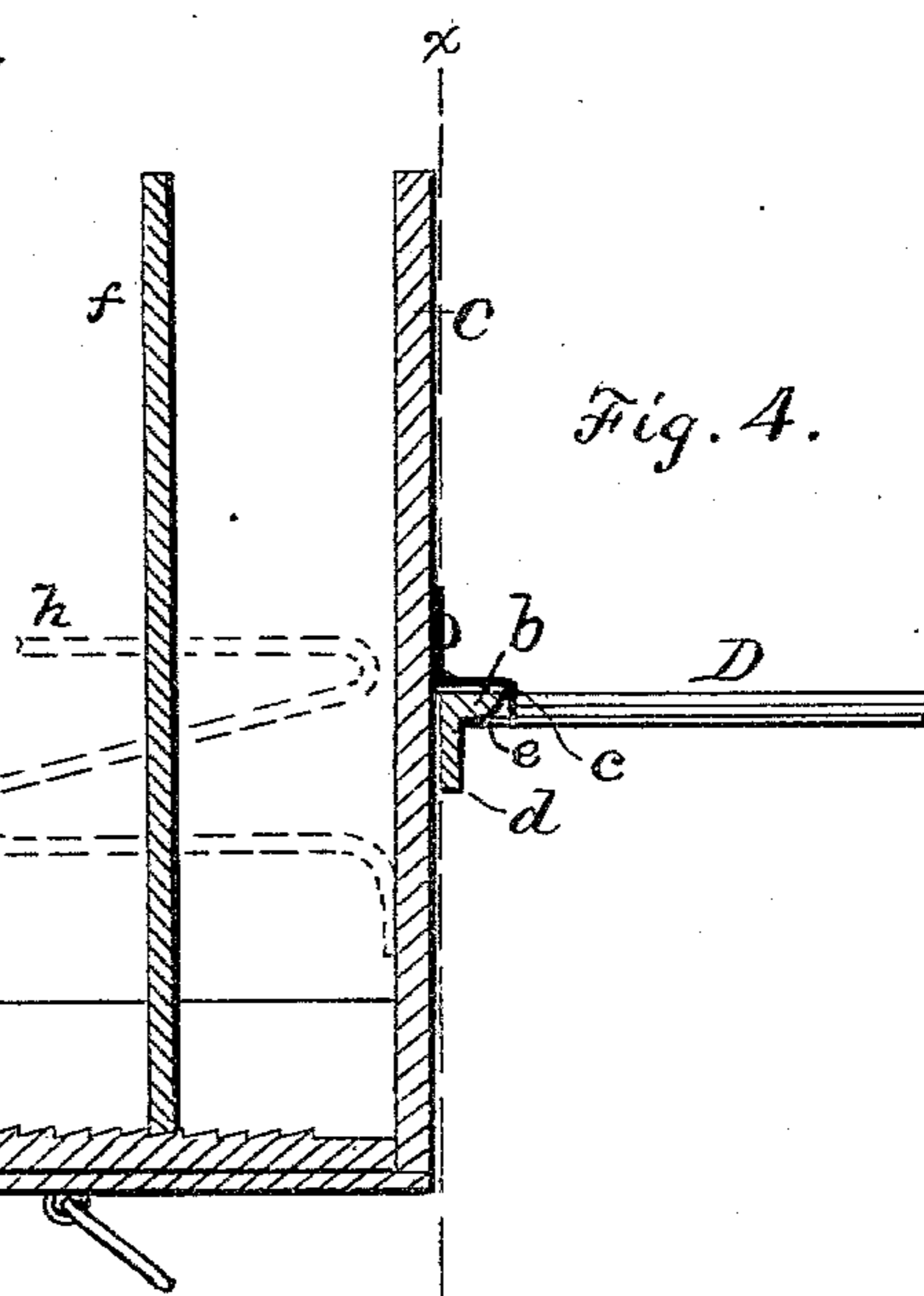
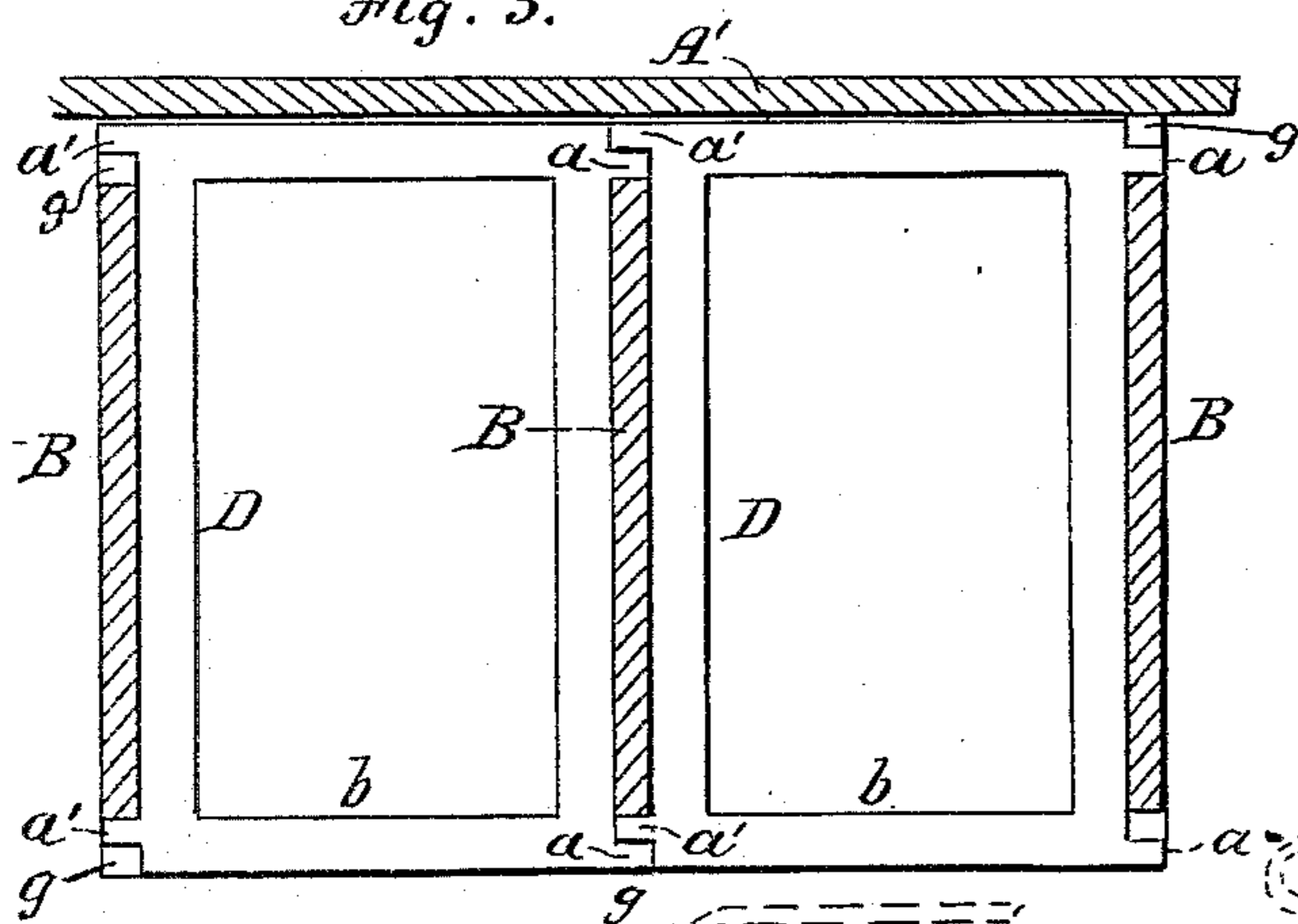
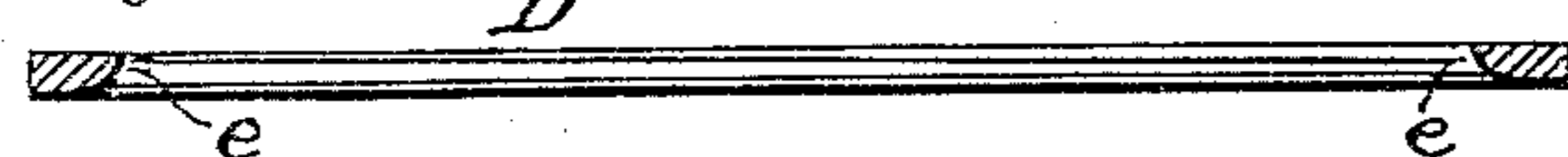


Fig. 5.



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UNITED STATES PATENT OFFICE.

THOMAS E. BADEN, OF WASHINGTON, DISTRICT OF COLUMBIA, ASSIGNOR
OF ONE-HALF TO HENRY O. TOWLES AND BENJAMIN F. GUY, BOTH OF
SAME PLACE.

BILL-FILE.

SPECIFICATION forming part of Letters Patent No. 321,333, dated June 30, 1885.

Application filed September 20, 1884. (No model.)

To all whom it may concern:

Be it known that I, THOMAS E. BADEN, a citizen of the United States, residing at Washington, District of Columbia, have invented certain new and useful Improvements in File-Holders; of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to that class of file-holders in which the holders or boxes containing the files are placed in cells or pigeon-holes in a case, and are adapted to be drawn therefrom and returned, as desired; and the invention consists in providing an open plate or frame to form the bottom of each of the cells, and a bearing-surface for each file-holder, means being provided for retaining the holder in proper position when it is drawn out, and the devices being constructed and arranged substantially as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of part of a file-case having my improvement applied thereto. Fig. 2 is a perspective view of one of the open plates referred to. Fig. 3 is a sectional plan showing the relative positions of the plates and the partitions which separate the pigeon-holes. Fig. 4 illustrates in section a file-holder and frame on which it rests, showing the file-holder drawn out and held by a retaining-hook. Fig. 5 is a longitudinal section showing a modified form of frame or open plate referred to and described.

A designates the casing, which is divided by the partitions B, which form the siding of the pigeon-holes, in which are placed the boxes or file-holders C. D indicates open rectangular plates or frames, one of which forms the bottom of each of the pigeon-holes and a bearing-surface for each file-holder, which slides thereon when drawn out or returned to its place in the pigeon-hole. The plates D are each provided with lateral tongues or projections a a' , which, when the plates are set, extend into notches or recesses cut in the edges of the vertical partitions B, to support the plates and secure them in place.

In the drawings two projections are shown

extending from each of two opposite edges of a plate D, said projections being located at or near the corners of the plate, and it will be seen that the projections a , extending at a right angle from one edge, are not in line with the projections a' , extending at right angle from the opposite edge, the former being somewhat farther forward than the latter, for the purpose hereinafter stated.

In Fig. 3 two frames or plates D are shown in position in the case, the rear part of which case is indicated by A', the front bars of the plates being marked b . Notches or recesses g are cut in the front and rear edges of partitions B, of sufficient depth so that each recess receives a projection, a , of one plate and a projection, a' , of the next plate, the projections being arranged as shown in Fig. 3, so that they close against each other in the recess, the plates being thus secured to the partitions.

The box forming the file-holder C has fixed to its bottom a retaining-hook, c , and when the holder is partly drawn out the hook catches the front bar, b , of the plate, and the holder is tilted forward and held by the hook in the position shown in Fig. 4. In said figure is shown in section a box drawn out, with its front turned downward, said box having adjustable piece f and side wires, h , and being held to frame D by hook c , fastened to the bottom.

The frame D is usually made in one piece of metal, the under sides of the bars forming the frame being rounded to form edges inward, as seen at e , this form being necessary for the front bar of the frame, in order that the hook c may readily turn on the bar when the file-holder is raised to return it into the case.

In Fig. 4 the front of the file-holder case is indicated by the broken line x , the file-holder C being drawn out with its front turned downward, and the retaining-hook c , which is rectangular in form, setting closely on the front bar, b , and when the file-holder is to be returned to its place in the case its front is raised, bringing the bottom to a horizontal position, the hook turning on bar b , which is

rounded, as shown, so that the movement of the hook on the bar is rendered easy. Ordinarily the front of the box below is a sufficient rest for the box above when the latter is drawn out; but to provide a rest for the holder when the box next below has been removed for some purpose, the frame D is provided with a lip, *d*, extending downward from its front bar, and serving as a rest for the file-holder when drawn out. The lip *d*, however, may be dispensed with, if desired, and the frame may be constructed with both ends alike, as shown in Fig. 5, in which case either end will answer for the front end in arranging the frames in the case. The frames, when applied and set in the case as described, are firm braces for the partitions B, keeping them in shape and preventing their becoming warped.

I claim—

20 1. In combination with a file-holder case provided with recessed partitions B, one or more frames having lateral projections *a a'*, to enter the recesses in the partitions, the pro-

jections on one edge of the frame being out of line with the projections on the opposite edge, substantially as and for the purposes described. 25

2. The combination, with supporting-frame D, having front bar, *b*, provided with lip *d*, and rounded to an edge, as shown, of a file-holder constructed to slide on said frame, and provided with rectangular retaining-hook *c*, to engage with bar *b*, substantially as set forth and described. 30

3. The combination, with a supporting-frame, D, having front bar, *b*, rounded to an edge, as shown, of a file-holder constructed to slide on said frame, and provided with rectangular retaining-hook *c*, to engage with bar *b*, substantially as set forth and described. 35

In testimony whereof I hereby affix my signature in presence of two witnesses. 40

THOS. E. BADEN.

Witnesses:

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