

No. 765,318.

PATENTED JULY 19, 1904.

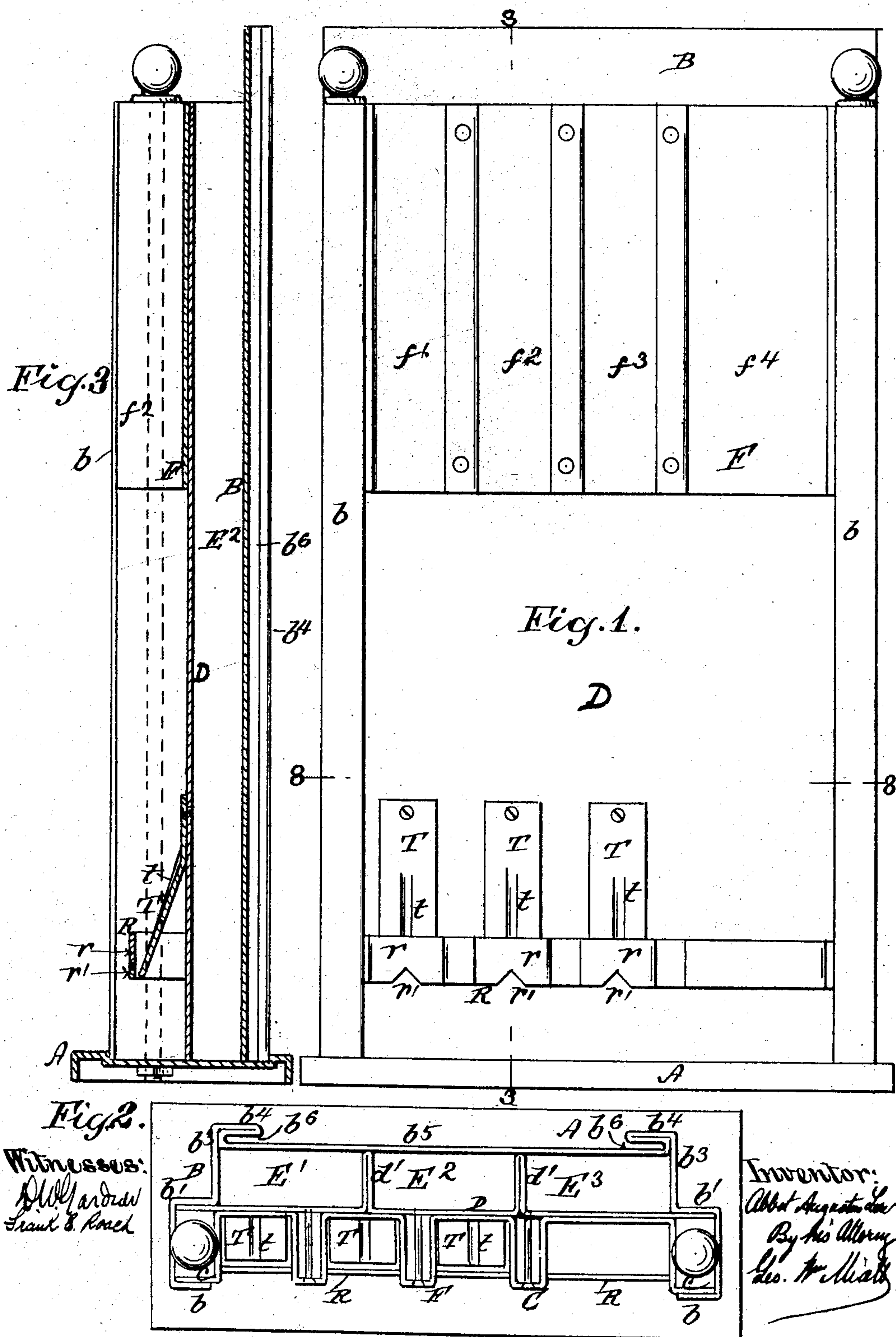
A. A. LOW.

COMBINED CABINET AND RACK FOR HOLDING IMPLEMENTS, &c.

APPLICATION FILED MAR. 4, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



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2 SHEETS—SHEET 2.

Fig. 4.

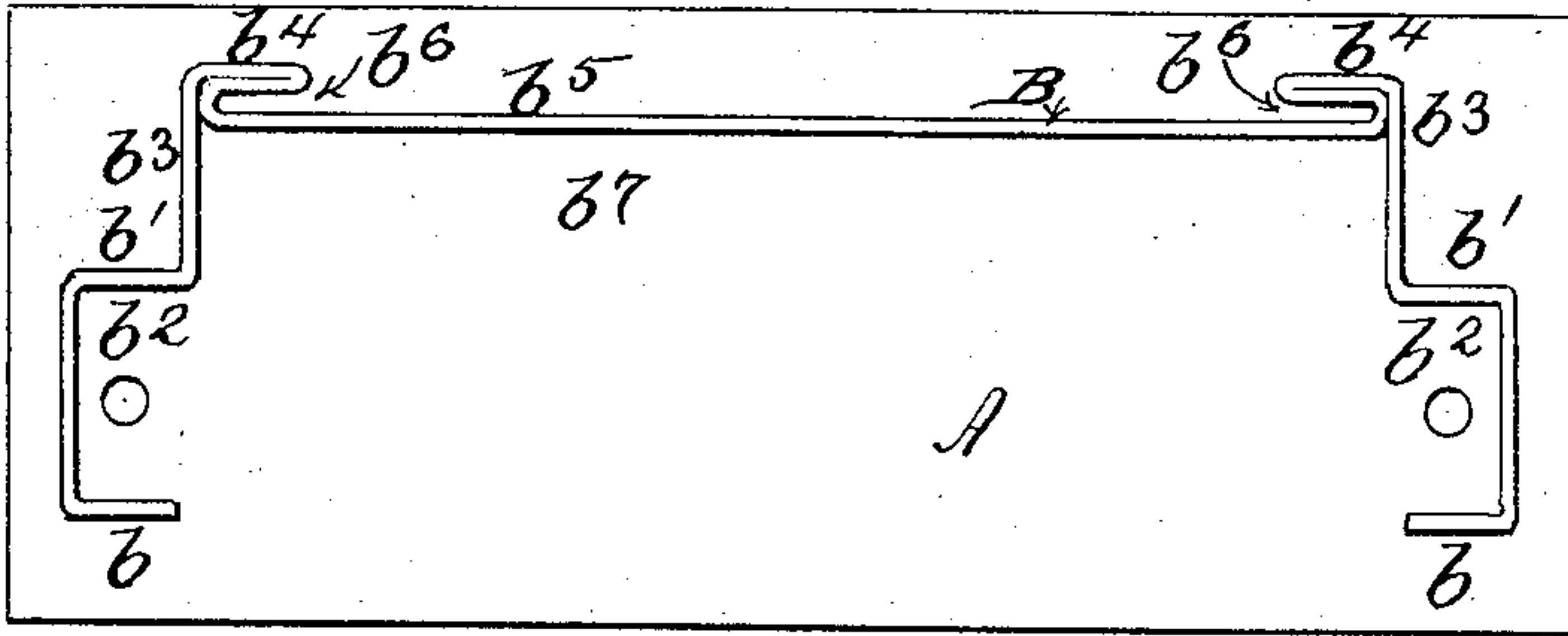


Fig. 5.

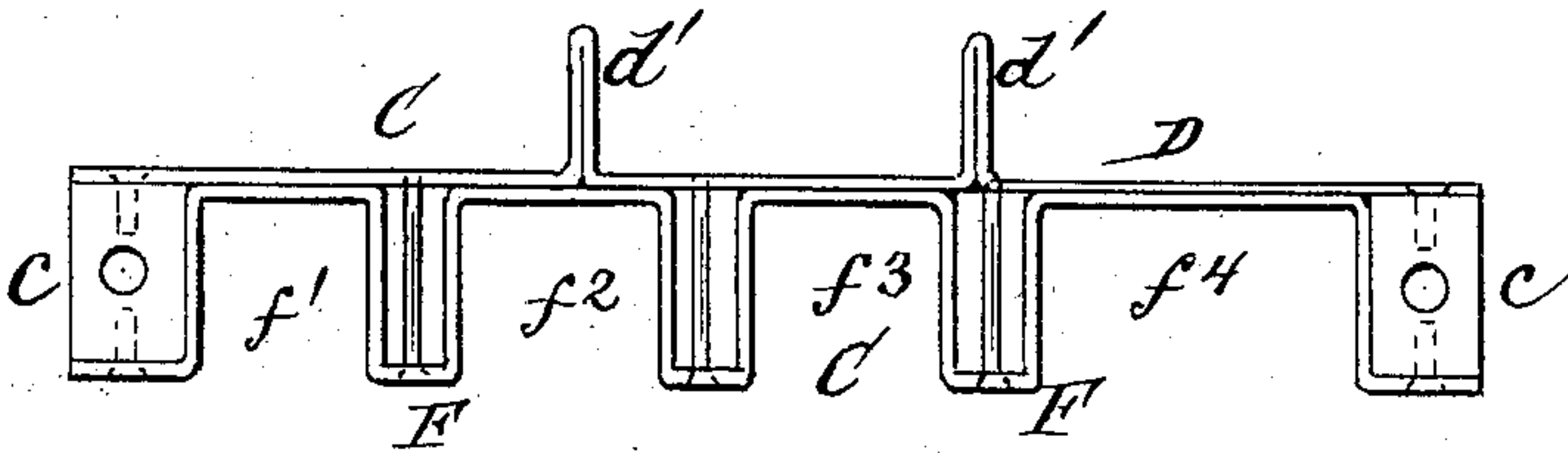


Fig. 6.

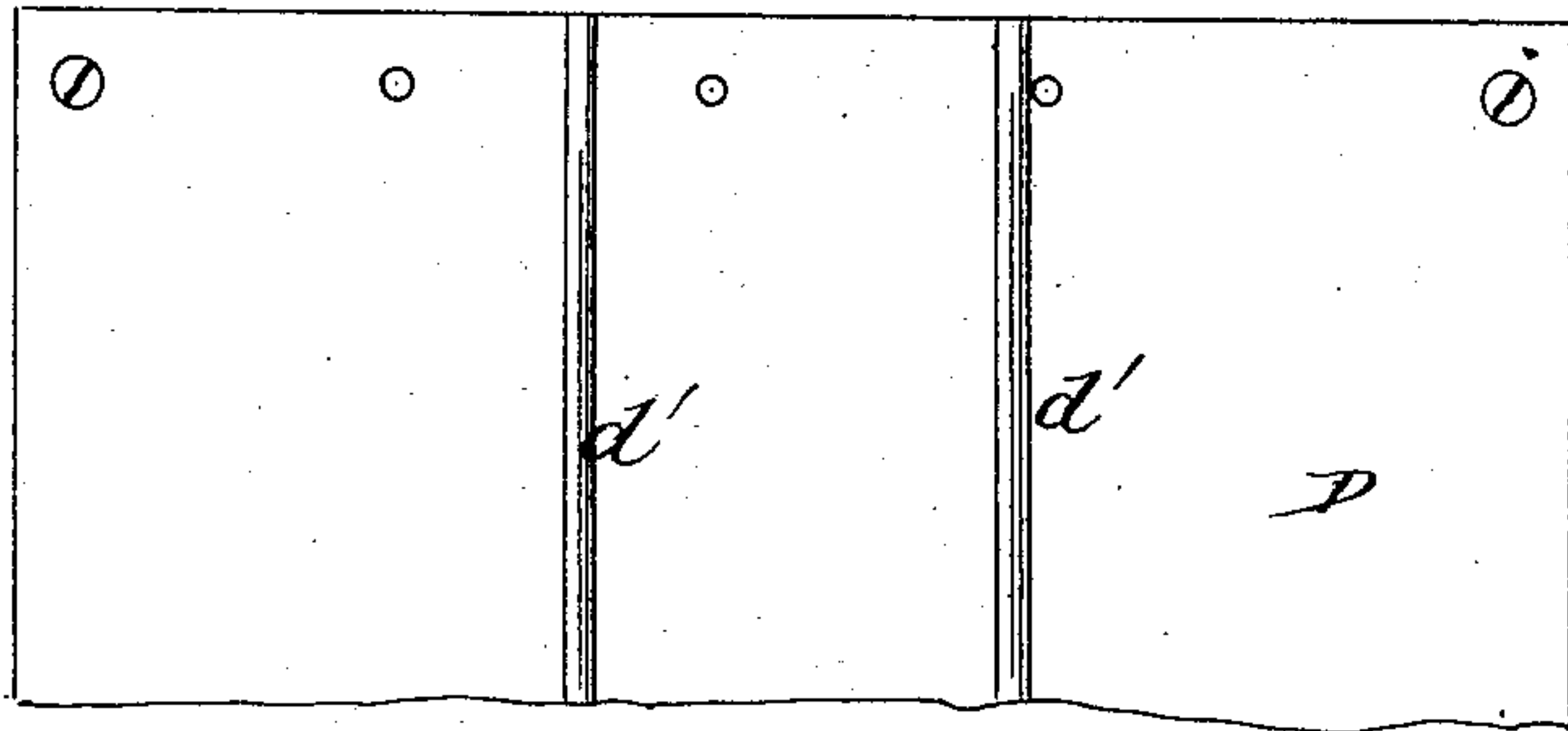


Fig. 7.

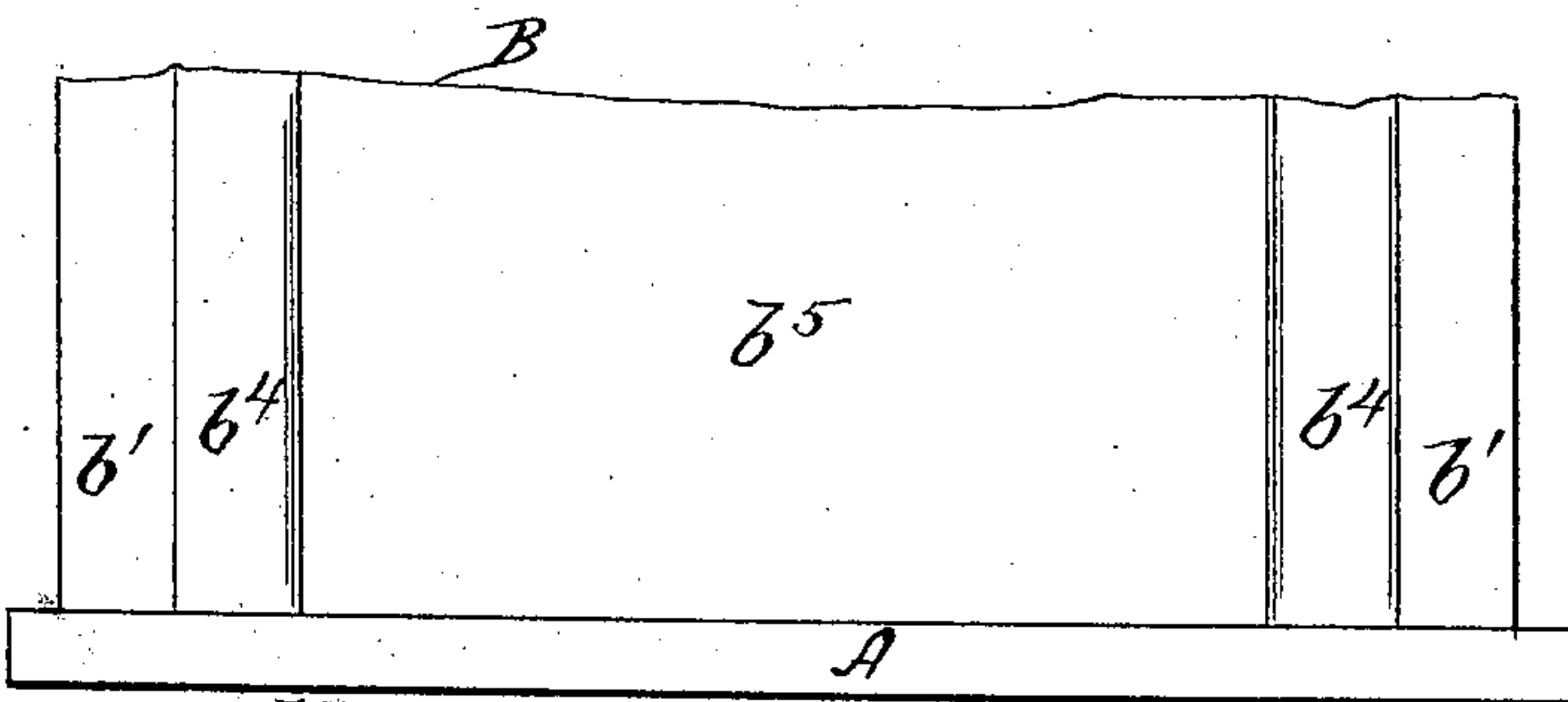
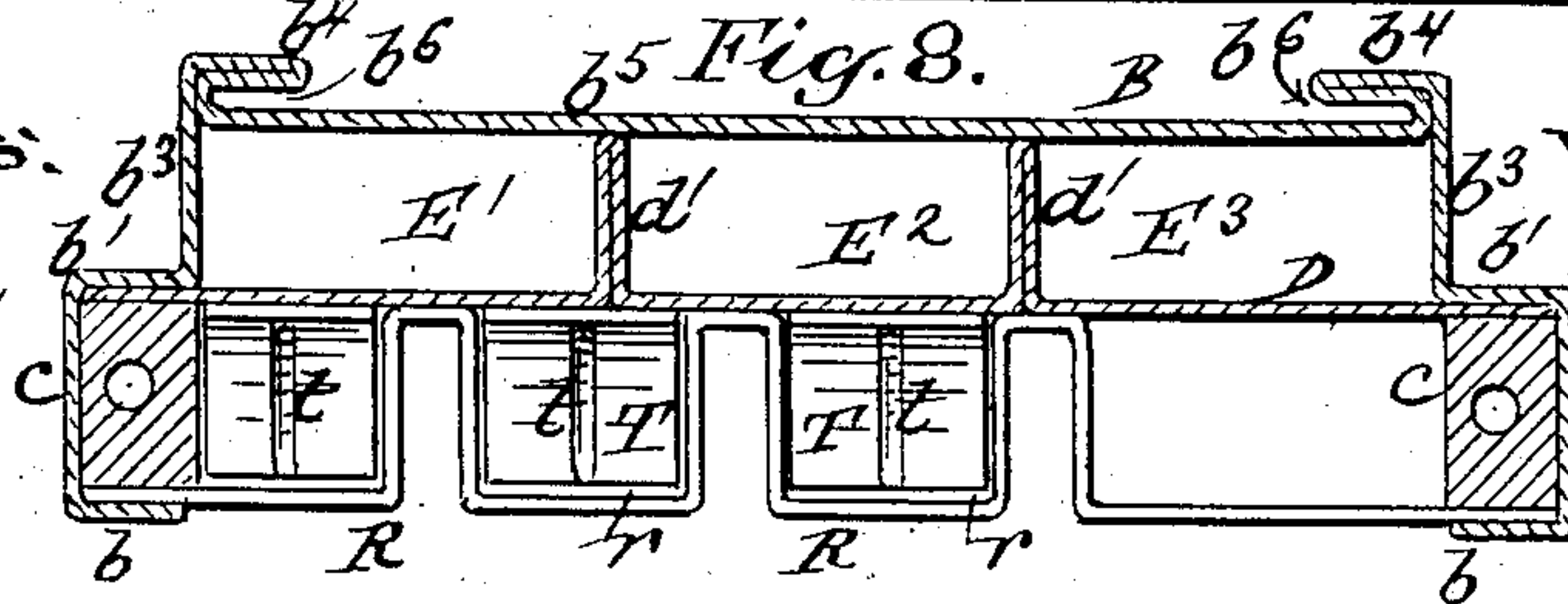


Fig. 8.



Witnesses:
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Inventor:
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UNITED STATES PATENT OFFICE.

ABBOT AUGUSTUS LOW, OF HORSESHOE, NEW YORK.

COMBINED CABINET AND RACK FOR HOLDING IMPLEMENTS, &c.

SPECIFICATION forming part of Letters Patent No. 765,318, dated July 19, 1904.

Application filed March 4, 1903. Serial No. 146,104. (No model.)

To all whom it may concern:

Be it known that I, ABBOT AUGUSTUS LOW, a citizen of the United States, residing at Horsehoe, St. Lawrence county, and State of New York, have invented certain new and useful Improvements in a Combined Cabinet and Rack for Holding Implements, &c., of which the following is a specification.

My invention is applicable for use as a receiver for various tools and implements—as, for instance, pens, pencils, and other articles of desk furniture—similar to the manner set forth in my concurrent application, filed January 28, 1903, Serial No. 140,840, in which the distinguishing feature is the use of elastic resilient tongues, which adapt themselves automatically to variations of size and shape to the instruments to be accommodated.

My present invention is designed to increase the capacity of the device and at the same time simplify and cheapen the construction, the idea being to make it mainly of sheets of metal bent up into the required form and fitting and interlocking with each other.

The invention consists in the special construction and arrangement of parts herein shown and claimed specifically.

In the accompanying drawings, Figure 1 is a front view of my improved cabinet; Fig. 2, a top view of the same; Fig. 3, a vertical section upon plane of line 3 3, Fig. 1; Fig. 4, a top view of the base and frame with the slide removed; Fig. 5, a top view of the slide. Fig. 6 is a rear view of the upper portion of the slide. Fig. 7 is a rear view of a portion of the frame. Fig. 8 is a horizontal section upon plane of line 8 8, Fig. 1.

A represents a base, of any desired material and shape, to which the frame B is attached in any desired or well-known manner. This frame B consists of a single sheet of metal bent into form longitudinally, the cross-section of the same being shown in Figs. 2 and 4. Thus its edges are bent into rectangular flanges b , which, together with the offsets b' , form opposed longitudinal grooves b^2 , one on each side of the device.

Other rectangular offsets b^3 extend backward from the flanges b' , the metal being bent and doubled inward at the rear to form the

flanges b^4 , between which and the back plate b^5 is formed a groove b^6 at either side of the device, as will be clearly seen by reference to Fig. 4, in which it will be observed that a wide space b^7 is created between the rearwardly-extending offsets b^3 .

C is the slide, the edges c of which fit in the grooves b^2 in the frame B. This slide C consists of a rear plate D, the edges of which are secured to the tenons c' constituting the edges of the frame C. The plate D is made of sufficient length to extend downward to the base, and it is formed with two lateral flanges or extensions d' d'' by the doubling of the metal upon itself, as will be understood by reference to Fig. 5. These rearward extensions or flanges d' when the slide is placed in the frame B divide the space b^7 into three compartments E' E^2 E^3 . (Clearly shown in Fig. 2.)

Attached to the rear plate D of the slide C is the grooved front plate F. In the drawings this plate is shown as screwed to the rear plate D and to the tenons c' , or any other means may be resorted to in securing the parts together. The plate F is formed with any desired number of grooves f' f^2 f^3 f^4 by bending or upsetting the metal by any suitable means.

Secured to the front of the lower portion of the plate D is a series of stamped metallic tongues T, which act in conjunction with the guard-rail R, which latter is also preferably formed of sheet metal stamped out to create rectangular-shaped compartments r , into which the lower portions of the resilient elastic tongues T protrude, as will be seen more clearly by reference to Figs. 2 and 8. The front wall of the compartment r is formed with notches r' , preferably of an inverted-V shape, which notches r' act in conjunction with the grooves t in the tongues T to centralize and hold the pointed ends of pens, pencils, or other pointed implements or tools substantially in the manner set forth in my concurrent application hereinbefore referred to.

The compartments E' E^2 E^3 may be used for the reception and accommodation of rulers or any other desired appliance, or for envelopes, &c., as may be found most expedient. The grooves b^6 b^6 , at the rear of the frame B, may

be used for the reception of calendar-cards or like sheets which it is desired to store, expose, or have accessible in connection with the cabinet.

5 What I claim as my invention, and desire to secure by Letters Patent, is—

1. In a cabinet of the character designated, a series of elastic resilient tongues formed with centralizing-grooves and a corresponding series of compartments formed with notches in 10 their front walls coinciding with the grooves in the tongue, substantially in the manner and for the purpose set forth.

2. In a cabinet of the character designated, 15 the combination of the base A, the sheet-metal frame B, formed with the grooves b^2 , b^3 , and the space b^7 , and the slide C, formed

of sheet metal, with the rearward flanges, which divide the space b^7 , into the compartments E^1 , E^2 , E^3 , substantially in the manner 20 and for the purpose described.

3. In a cabinet substantially such as designated, the combination of the sheet-metal frame B, the slide C, formed with the bent metal back plate D, and the bent metal front 25 plate F, having the grooves f^1 , f^2 , f^3 , together with the series of elastic resilient tongues T, and the bent metal guard R, secured to the lower portion of the said plate D, substantially in the manner and for the purpose described. 30

ABBOT AUGUSTUS LOW.

Witnesses:

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