

No. 814,170.

PATENTED MAR. 6, 1906.

G. A. SHOEMAKER.  
FILING CARD AND LOCK THEREFOR.

APPLICATION FILED JUNE 10, 1904.

2 SHEETS—SHEET 1.

Fig. 2.

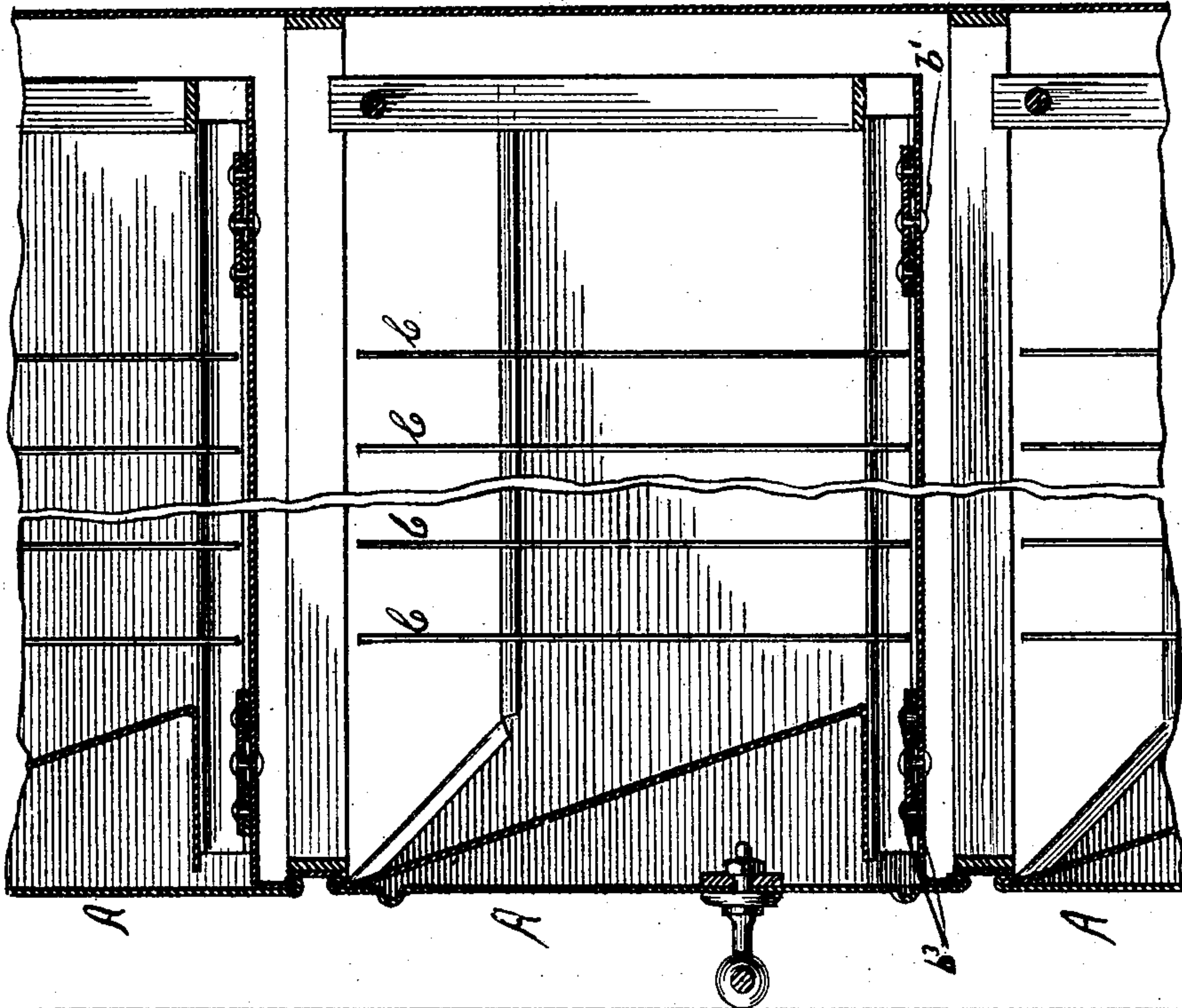
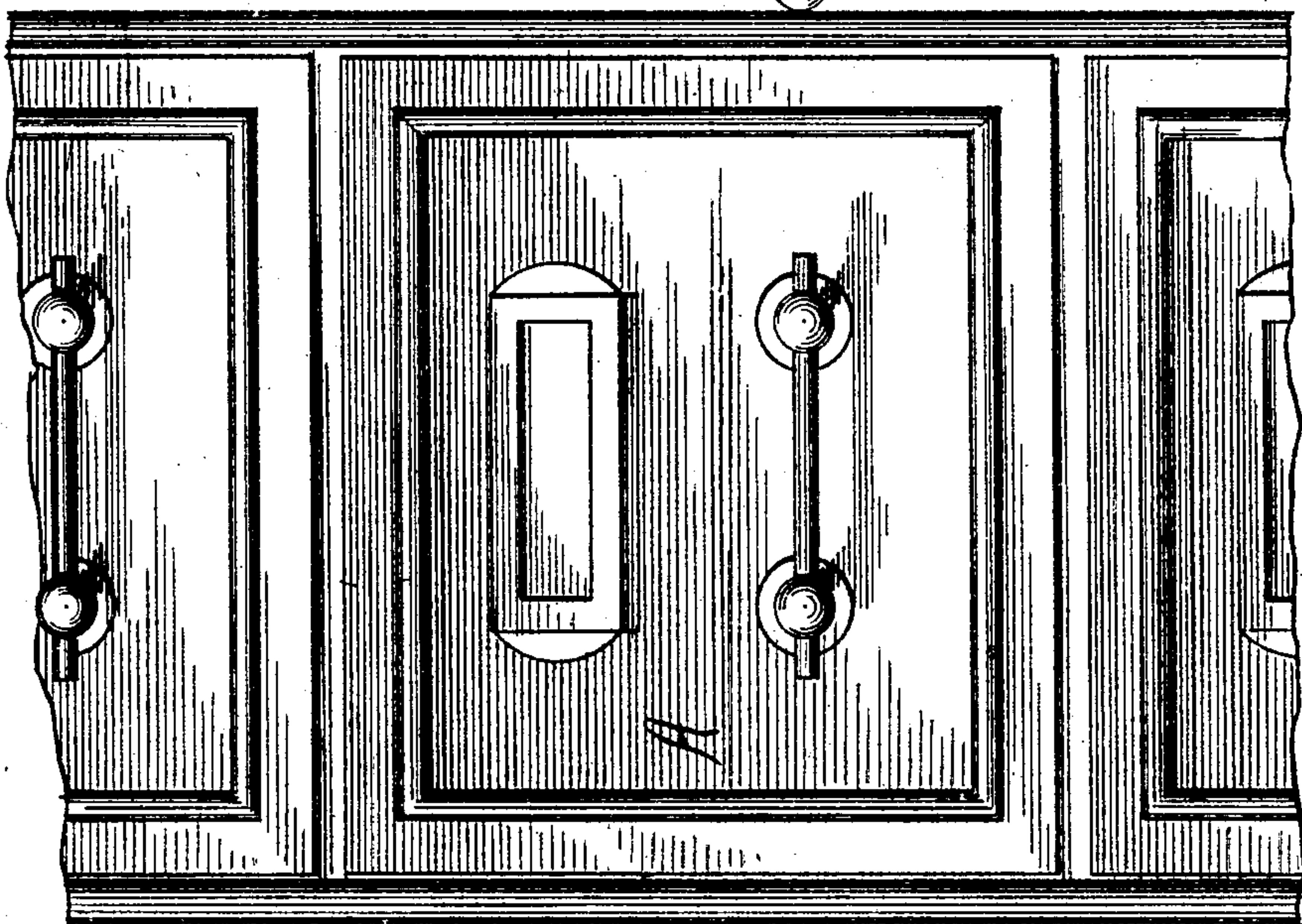


Fig. 1.



Witnesses:

Frank Blanchard  
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Inventor:

George A. Shoemaker.  
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Attorney.

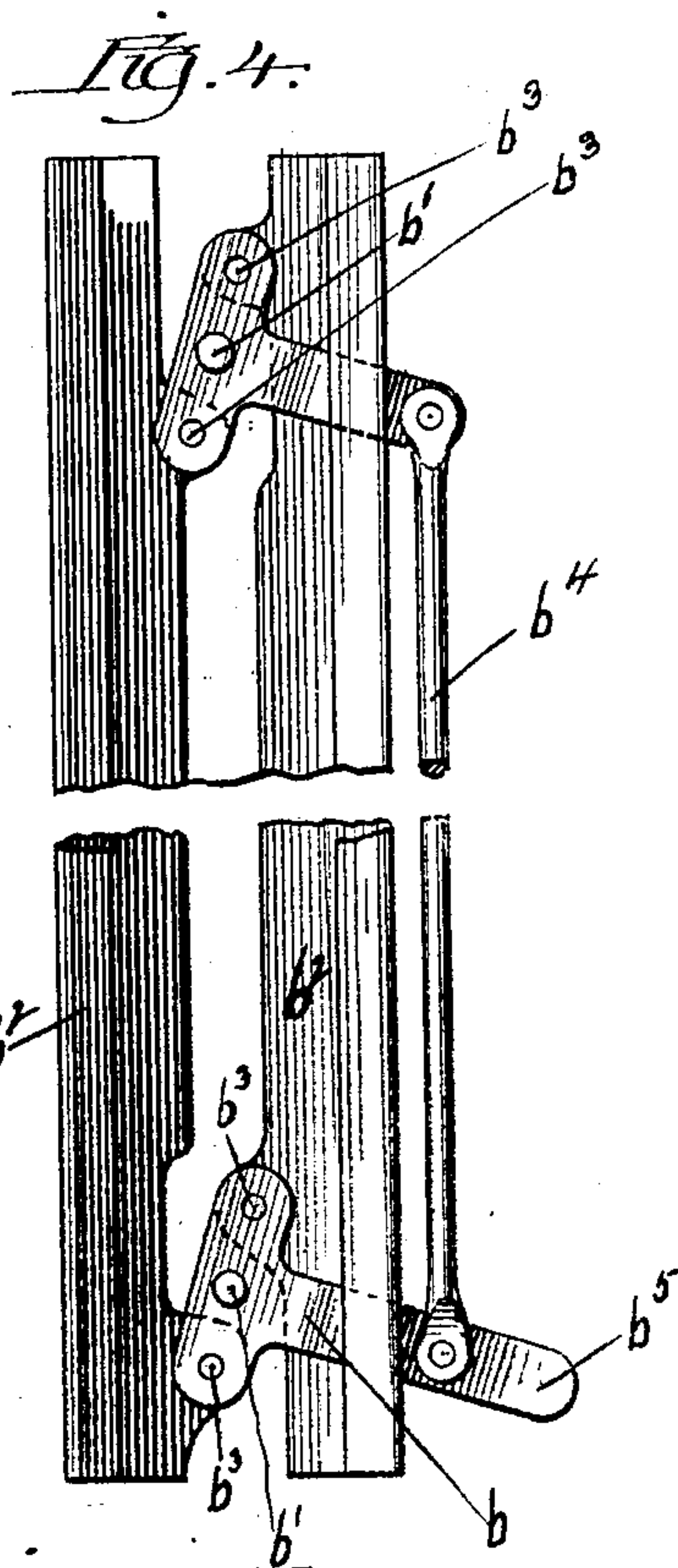
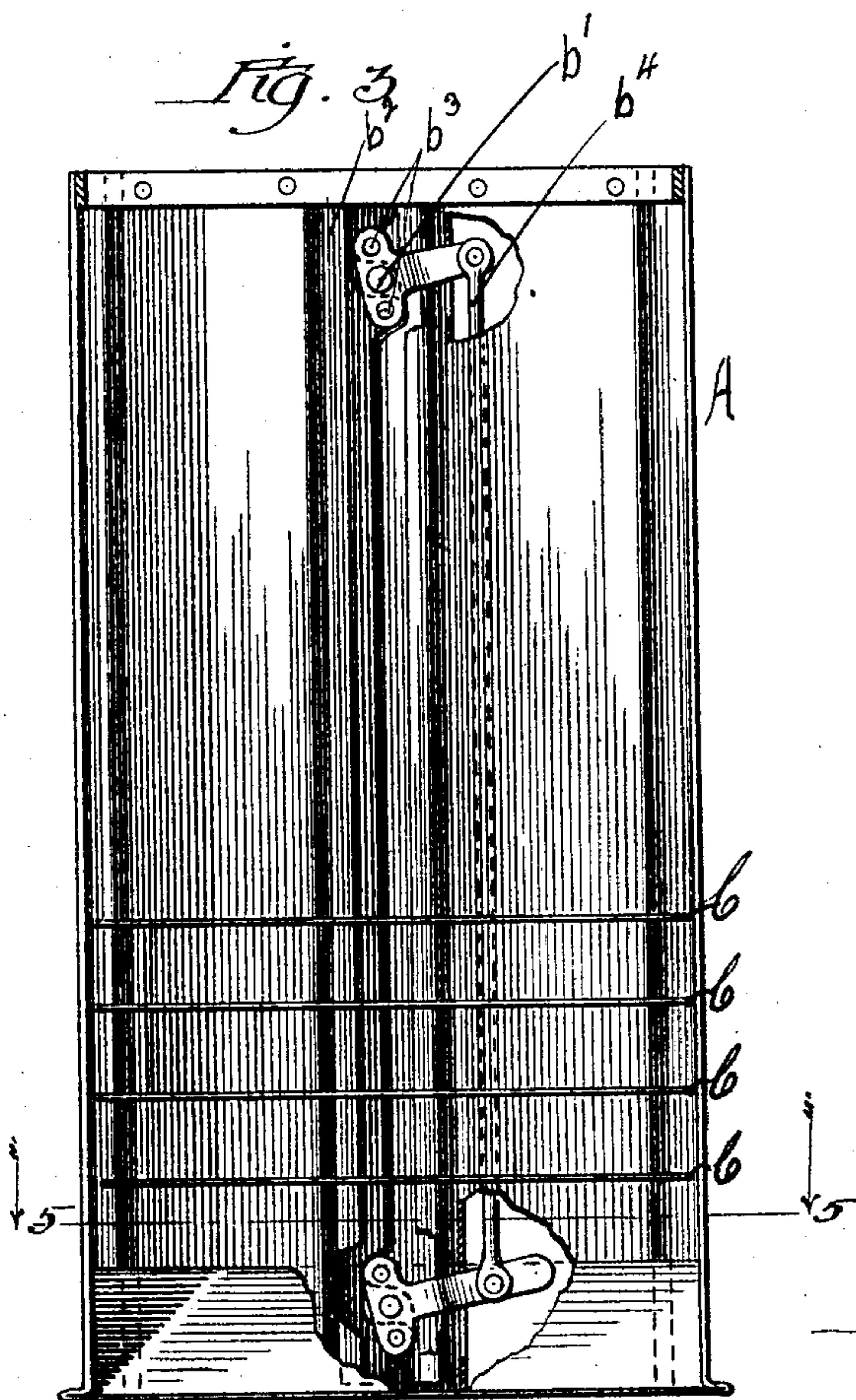
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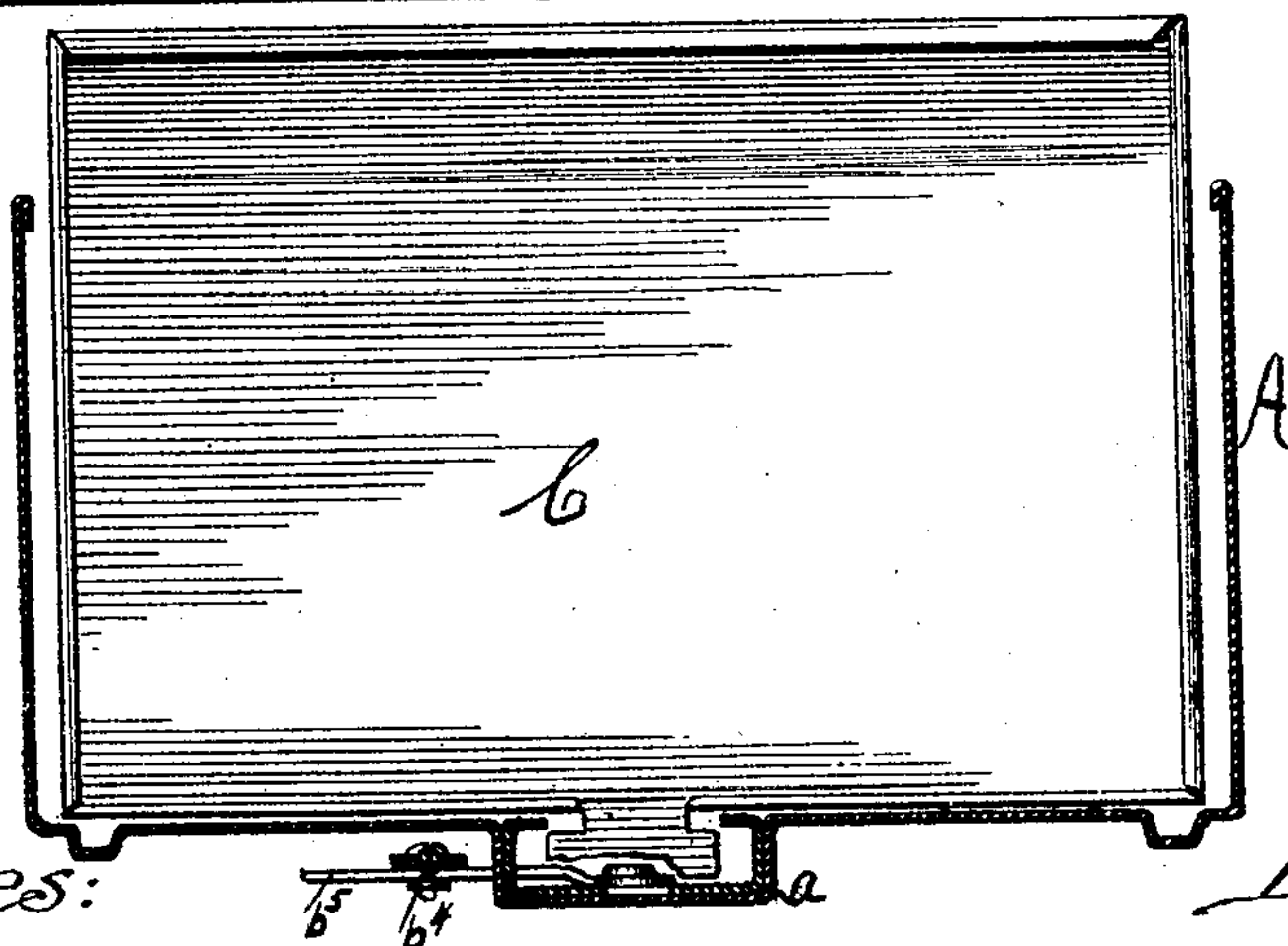
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2 SHEETS—SHEET 2.



*Fig. 5.*



Witnesses:

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# UNITED STATES PATENT OFFICE.

GEORGE A. SHOEMAKER, OF CHICAGO, ILLINOIS, ASSIGNOR TO METAL SECTIONAL FURNITURE COMPANY, OF PORTLAND, MAINE, A CORPORATION.

## FILING-CARD AND LOCK THEREFOR.

No. 814,170.

Specification of Letters Patent.

Patented March 6, 1906.

Application filed June 10, 1904. Serial No. 211,939.

*To all whom it may concern:*

Be it known that I, GEORGE A. SHOEMAKER, of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Filing-Cards and Locks Therefor; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings.

My invention relates to that class of devices known as "card indexes and files," and resides in the novel method of securing the filing-cards in the drawer and the novel combinations in the card and lock for effecting the same.

In the drawings, Figure 1 is a front view of a series of filing-drawers to which my invention may be applied. Fig. 2 is a sectional side view of Fig. 1, showing in section my cards and lock. Fig. 3 is a plan view of a drawer fitted with my cards and lock, with parts broken away to show some of the details of construction. Fig. 4 is an enlarged detail drawing of my lock. Fig. 5 is a perpendicular view of a drawer fitted with my cards and lock and showing my card and lock in relation with each other.

More particularly described, A represents the drawer or box to which my invention may be applied and may be constructed in any of the well-known forms now in use. The drawer A is fitted with a channel *a*, extending throughout its length along the bottom. Within this channel *a* is secured the lock, described as follows: Within the channel *a*, are two or more T-shaped levers *b, b*, pivoted at *b'* at the center of the cross-arm to the bottom of the channel *a*. The power-arms of the levers *b b* project through suitable slots in the side of the channel *a*. Two U-shaped strips or double-flanged angle-irons of metal or other rigid material *b<sup>2</sup> b<sup>2</sup>* are placed in the channel *a* parallel with each other and with the open ends of the U's facing each other.

These metal U's are fitted as to their bottom flanges with suitable lugs in opposition to the respective cross-arms of the T-shaped levers *b b* and are suitably pivoted to the same at *b<sup>3</sup> b<sup>3</sup>*. A connecting-rod *b<sup>4</sup>* is pivoted to the power-arm of the levers *b b*, causing them to coact. The power-arm *b<sup>5</sup>* of one of the levers *b b*, I elongate for the purpose of forming a hand-grip for the operation of the lock.

My card C, I form with a double-flanged lug projecting from the lower edge. This lug is intended to be held in grip by the flanges of the metal strips *b<sup>2</sup> b<sup>2</sup>* when the lock is closed. By forcing the levers *b b* forward or backward the strips *b<sup>2</sup> b<sup>2</sup>* are drawn together or forced apart, thereby locking or releasing the card C.

What I claim as my invention is—

1. The combination in a card-cabinet of a drawer and cards fitted with flanged projections, with angle-irons, and means for moving said angle-irons toward and from each other consisting of a lever pivoted respectively to said angle-irons and to said drawer.

2. The combination in a card-cabinet of a drawer and cards fitted with flanged projections with a card-lock consisting of double-flanged angle-irons, lying parallel with each other and T-shaped levers pivoted to said angle-irons and to said drawer and a rod connecting said levers whereby the said levers may be made to coact.

3. In a card-cabinet having a channeled drawer, the combination of cards having double-flanged projections, with a lock consisting of parallel angle-irons, T-shaped levers pivoted to each of said angle-irons and to said channeled drawer, and means for causing a coaction between said levers, substantially as described.

GEORGE A. SHOEMAKER.

Witnesses:

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