

(No Model.)

M. BANCROFT.  
TYPE WRITER CABINET.

No. 442,658.

Patented Dec. 16, 1890.

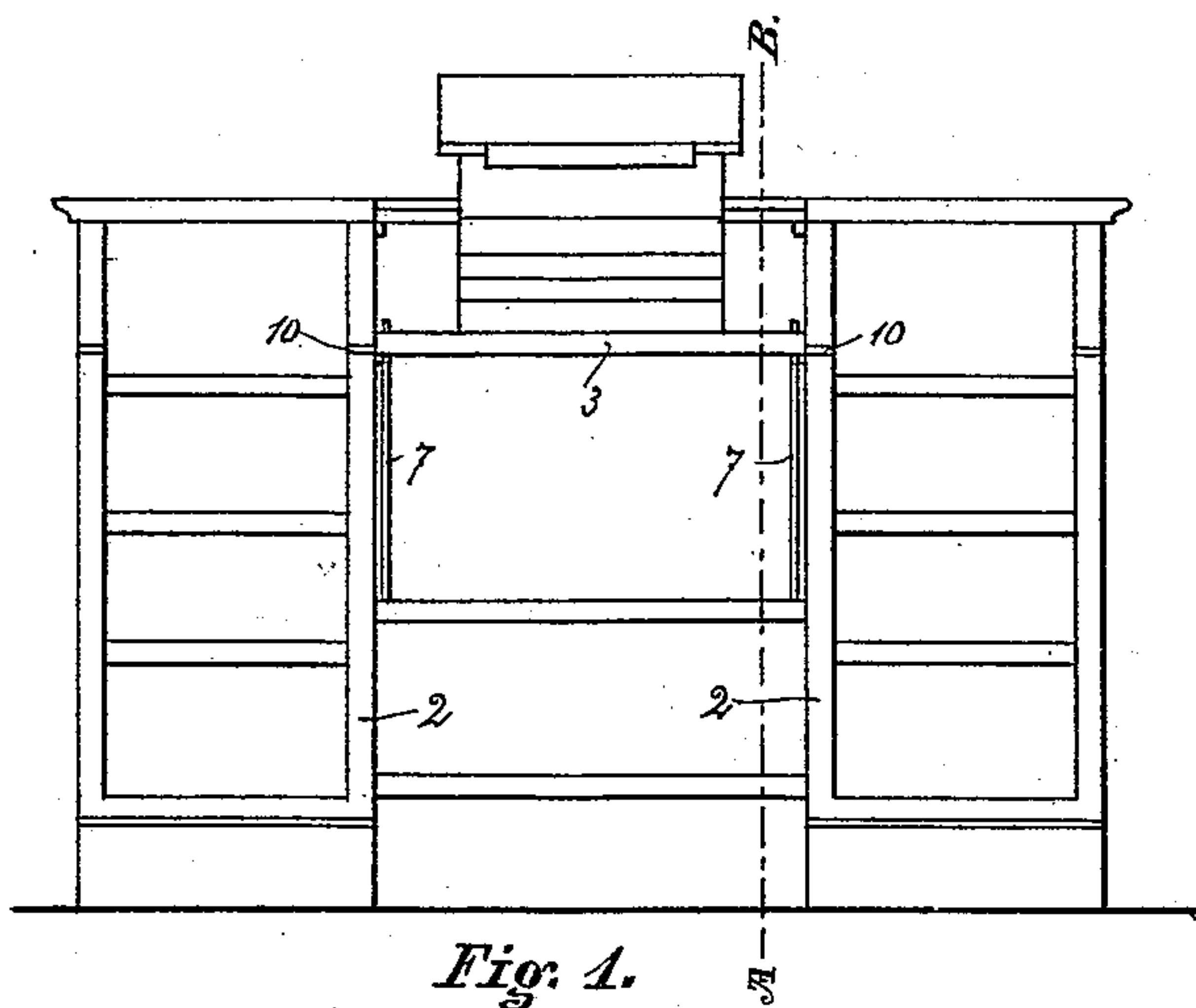


Fig. 1.

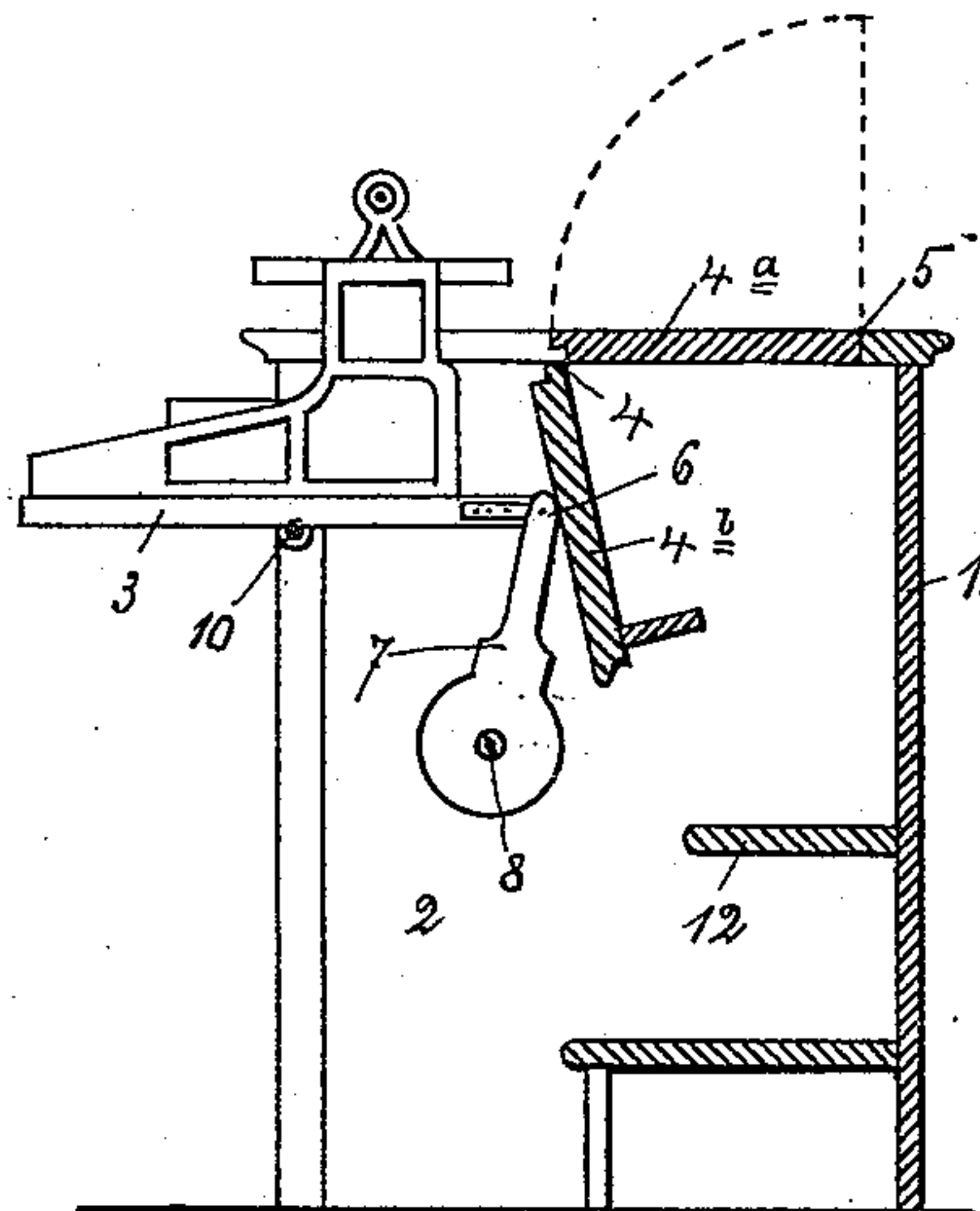


Fig. 2.

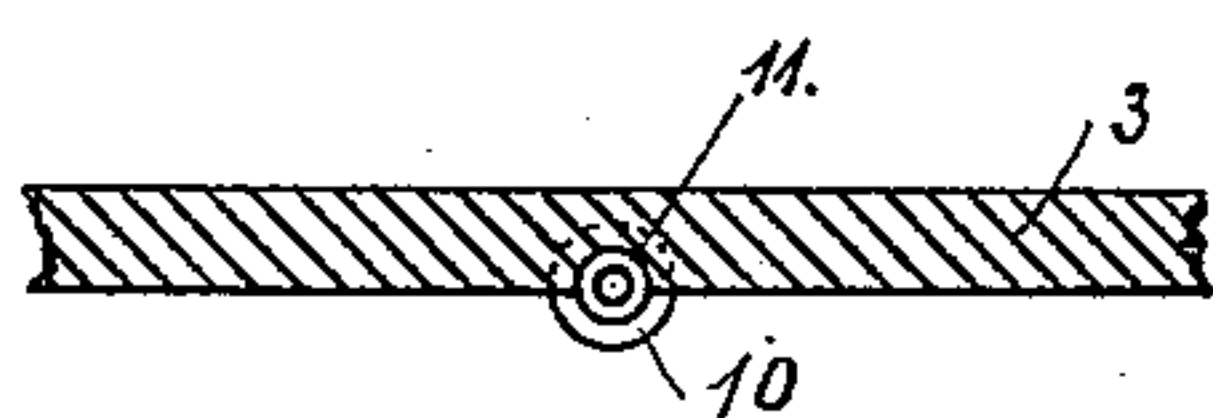


Fig. 4.

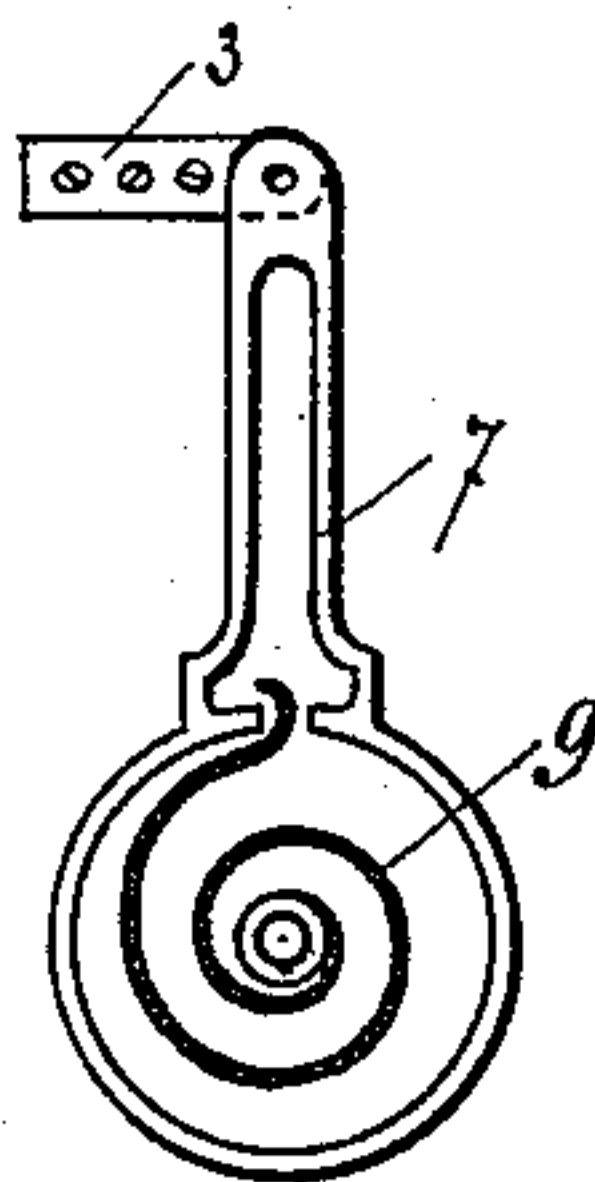


Fig. 5.

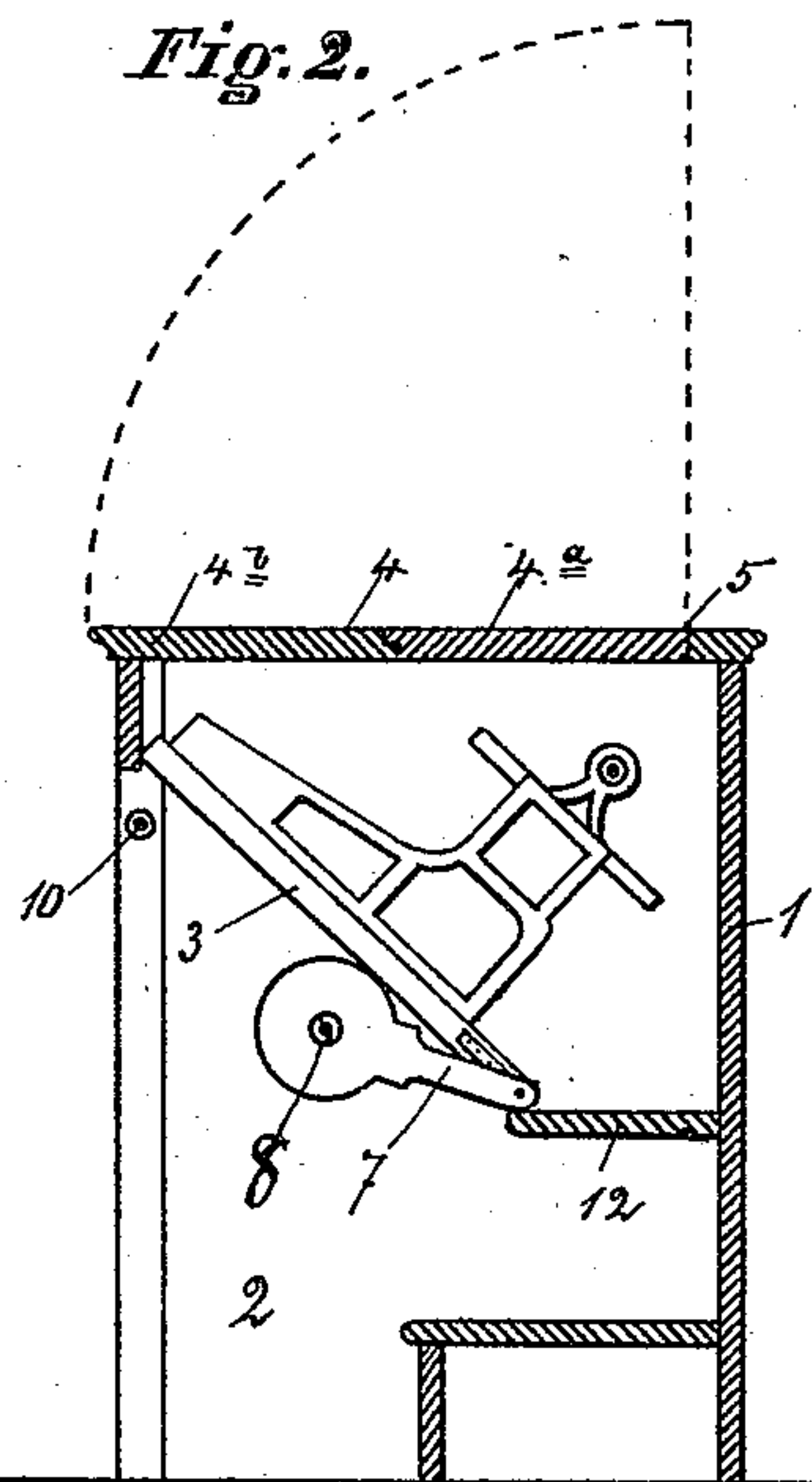


Fig. 3.

WITNESSES.

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# UNITED STATES PATENT OFFICE.

MELVIN BANCROFT, OF WHITESBOROUGH, NEW YORK, ASSIGNOR TO THE  
QUIGLEY FURNITURE COMPANY, OF SAME PLACE.

## TYPE-WRITER CABINET.

SPECIFICATION forming part of Letters Patent No. 442,658, dated December 16, 1890.

Application filed August 5, 1889. Serial No. 319,753. (No model.)

*To all whom it may concern:*

Be it known that I, MELVIN BANCROFT, of Whitesborough, in the county of Oneida and State of New York, have invented certain new and useful Improvements in Type - Writer Cabinets; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form part of this specification.

My invention relates to an improvement in type-writer cases.

In the drawings, which accompany and form a part of this specification, and in which like figures of reference refer to like parts in the several figures, Figure 1 shows a front elevation of my case open. Fig. 2 shows a section on line A B of Fig. 1. Fig. 3 shows a section on the same line, the case being closed. Figs. 4 and 5 are detail figures hereinafter more fully explained.

Referring more specifically to the reference-numerals, 1 indicates the case, which has a "well" determined by sides 2 2 upon either side thereof and back wall I of the case.

4 is the cover of the well, and consists of sections 4<sup>a</sup> and 4<sup>b</sup>, hinged to each other and to the case at 5.

3 is a movable platform adapted to carry the type-writer or any other mechanism to be inclosed in the case, and is pivoted at 6 at the rear end to one extremity of arm 7, which arm is pivoted to the walls of the case at 8, and is provided with a spring 9, coiled about and secured at the pivotal point 8 to the walls of the case and engaging in arm 7, and strained so as to have a tendency to turn the arm upward from the position shown in Fig. 3 toward that shown in Fig. 2.

A shelf-stop 12 is provided, projecting into the well from the back of the case and adapted to support the inner end of the platform when the same is inclosed within the case. Projections or studs 10 are provided, secured to the walls of the case and adapted to support the platform when in its forward position, as shown in Fig. 2, the studs 10 engaging the

platform in the cutaway or recess 11 therein, (see Fig. 4,) and thereby preventing lateral displacement while the same is in use. I preferably provide two arms 7—one upon each wall, and engaging the platform at each rear corner—although it is evident that one arm might be made to answer the purpose.

My case is used or operated (the platform and mechanism mounted thereon being inclosed in the case) in the position shown in Fig. 3, and it being desired to bring the same into position for use, cover 4 is raised, as indicated in dotted lines in Fig. 3, and the platform is moved or allowed to move forward and into the position shown in Fig. 2 upon the projections 10, the inner end passing upward and forward, and carried by arms 7. The sections of the cover 4 are then allowed to fold and close, the section 4<sup>b</sup> passing into position behind the inner end of the platform, as shown in Fig. 2, the movement of the cover being shown in dotted lines in the same figure. To inclose the platform, the cover is raised into the position indicated in dotted lines in Fig. 3, and the outer end of the platform is slightly raised to disengage the same from the stops or projections 10, and is then pushed backward into the case, the platform sliding on the stops 10 until it has turned downward into the case far enough for the bottom of the platform to come in contact with the pivoted end of arm 7, when the platform tilts or swings over until the inner end rests upon shelf-stop 12 and the outer end is slightly raised from the stops 10. The cover is then allowed to close in the position shown in full lines in Fig. 3. It will be observed that the pivotal point 8 is substantially in line between the support 10 and the shelf-stop 12. It is evident that as the pivotal end of the arm is enlarged this point can be removed from this line, and the device will act the same with these variations within certain limits.

It will be observed that by my combination of platform and stop-shelf the mechanism is entirely inclosed both from above and below when the case is closed, and that when open the top of the case is entirely closed. It is evident that a movable carriage for the mechanism might be provided upon the sur-



face of the platform 3, that a rod or roller extending entirely across the well might be provided in lieu of stops 10, and that other alterations, modifications, and variations in  
5 and from the construction shown might be made without departing from the spirit of my invention or the equivalents of my construction.

I do not claim a type-writer cabinet having  
10 a well with a support in the front of the well, a table resting and sliding over the support, and intermediate connection between the rear end of the table and the back of the cabinet and hinged to the rear end of the table and  
15 to the back of the cabinet and swinging from a substantially horizontal position when the cabinet is opened to a substantially perpendicular and parallel position with the back when the cabinet and table are closed.

20 What I claim as new, and desire to secure by Letters Patent, is—

1. The combination, in a type-writer cabinet having a well, of the movable platform, the swinging arms pivoted to the inner end  
25 of the platform and to the walls of the well, the support upon the walls in the front of the well, which support the platform, and the shelf-stop adapted to support the inner end of the platform, the pivotal point of the arm to the  
30 case being arranged so that the platform will tilt over the pivotal point of the arm as it nearly reaches its closed position, substantially as set forth.

2. The combination, in a type-writer cabinet having a well, of the movable platform, the swinging arm pivoted to the inner end of  
35 the platform and to the walls of the case below the platform, the spring engaging the arm and operating to swing the arm upward and forward, the shelf-stop for the inner end  
40 of the platform, the support at the front of the case, over which the platform moves and on which it is supported steadily by the swinging arm, and the recess or notch in the platform for engaging the support at the front  
45 and preventing lateral movement thereon, substantially as set forth.

3. The combination, in a type-writer cabinet having a well, of a support in the front of the well, a shelf-stop in the rear of the well,  
50 a swinging arm pivoted to the walls of the well substantially in line between the support and the shelf-stop, and a sliding tilting platform pivoted at its inner end to the free ends of the arm and adapted to tilt over the pivotal  
55 point of the arm, substantially as set forth.

4. The combination, in a type-writer cabinet having a well, of a hinged cover for the well, a support in the front of the well, a shelf-stop in the rear, an upwardly-swinging  
60 arm pivoted to the walls of the well, a movable platform pivoted at its inner end to the free end of the arm and adapted to be supported in its forward position by the support in the front of the well, steadied thereon by  
65 the swinging arm, and the spring for operating the swinging arm, substantially as set forth.

5. The combination, in a type-writer cabinet having a well, of the hinged cover for  
70 the well, composed of sections 4<sup>a</sup> and 4<sup>b</sup>, the support 10 in the front of the well, the shelf-stop 12 in the rear of the well, the movable platform 3, sliding and tilting over and supported on support 10, the swinging arm 7,  
75 hinged to the inner end of the platform and pivoted at 8 to the walls of the case, and the spring 9 for actuating the arm, substantially as set forth.

6. The combination, in a type-writer cabinet having a well, of a cover for the well,  
80 the support 10 in the front of the well, a swinging arm 7, pivoted at 8 to the walls of the case, a movable platform 3, hinged at its inner end to the arm 7 and sliding and tilting  
85 on and supported by support 10, steadied thereon by arm 7, and the spring for actuating the arm, substantially as set forth.

In witness whereof I have affixed my signature in presence of two witnesses.

MELVIN BANCROFT.

Witnesses:

E. W. JONES,  
M. E. ROBINSON.