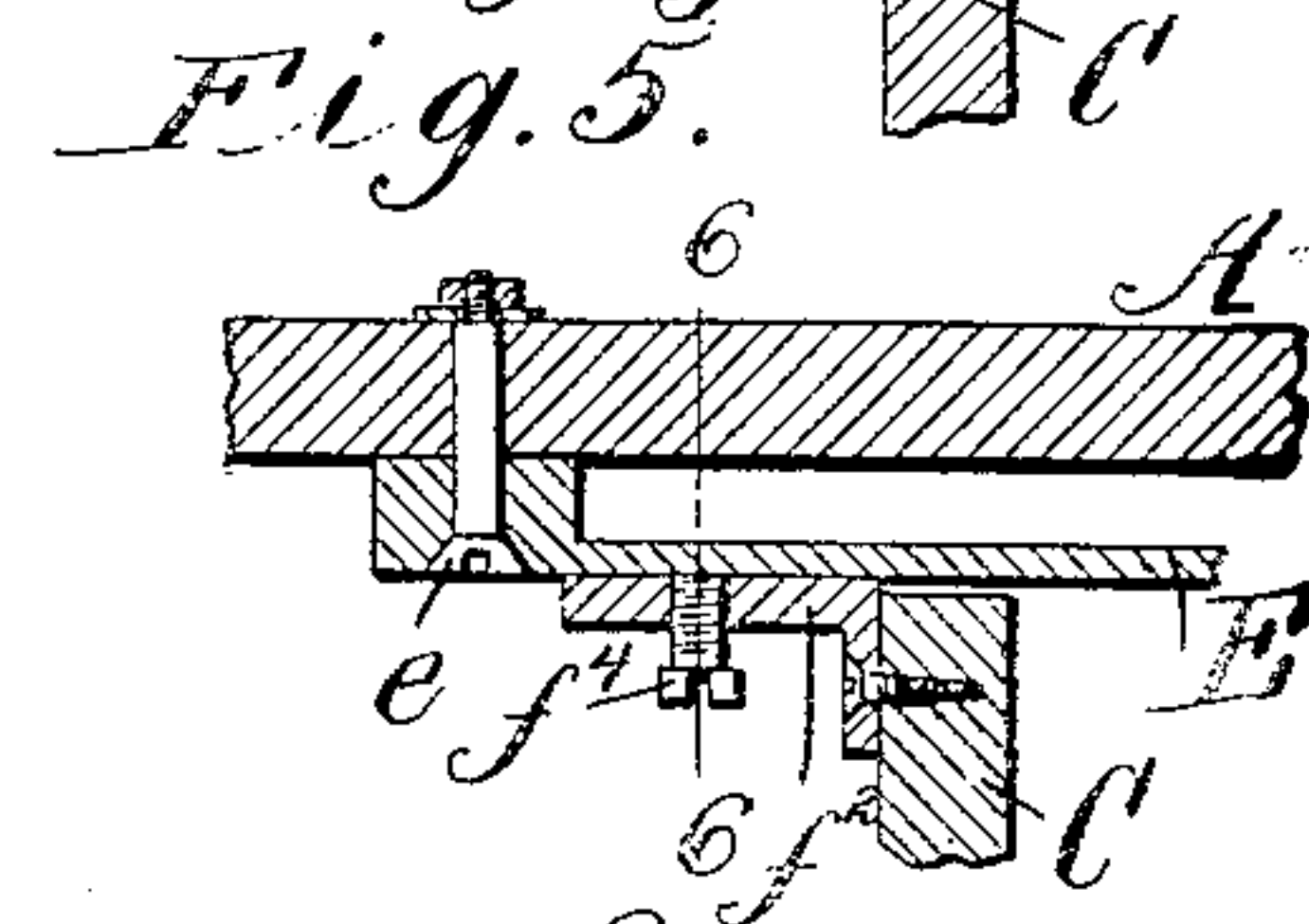
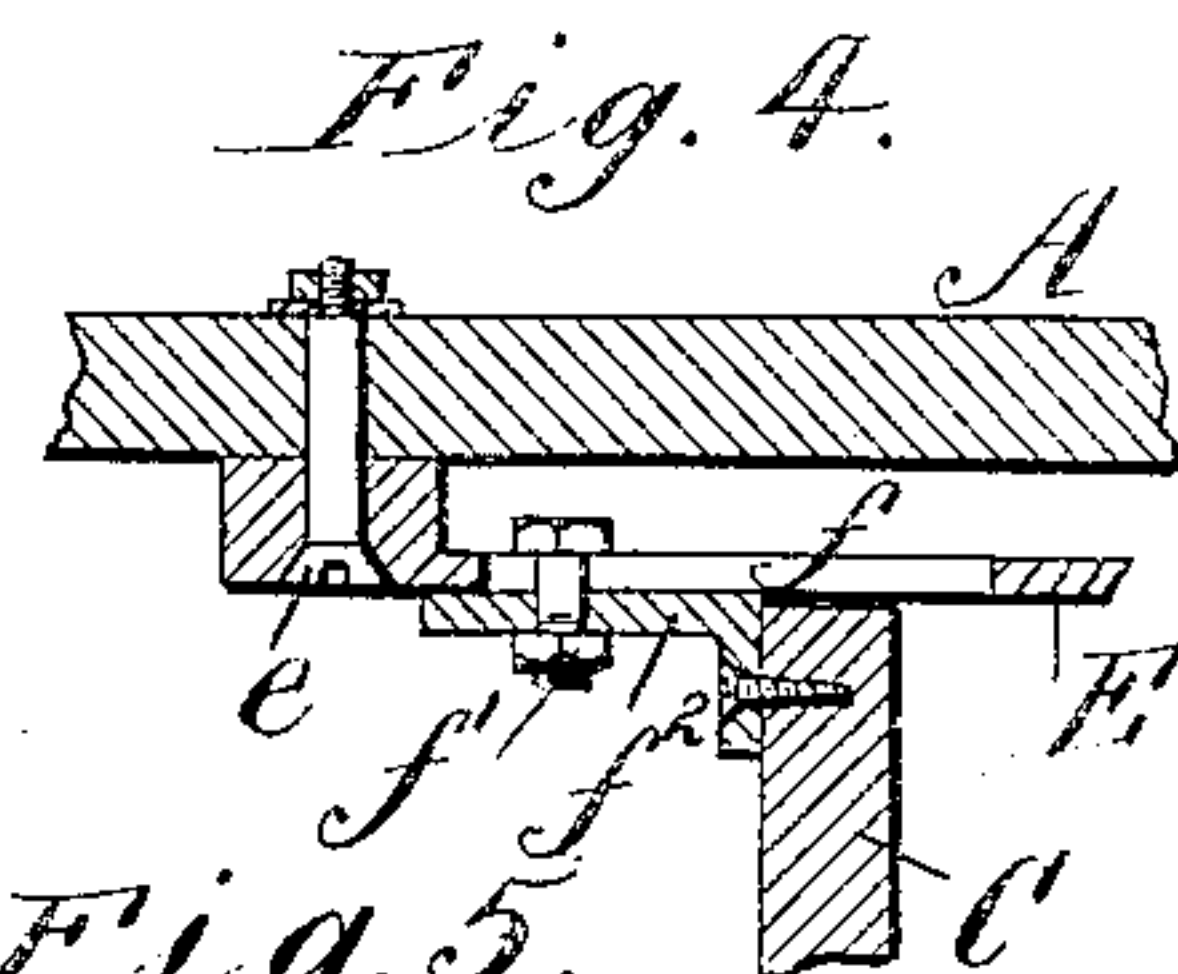
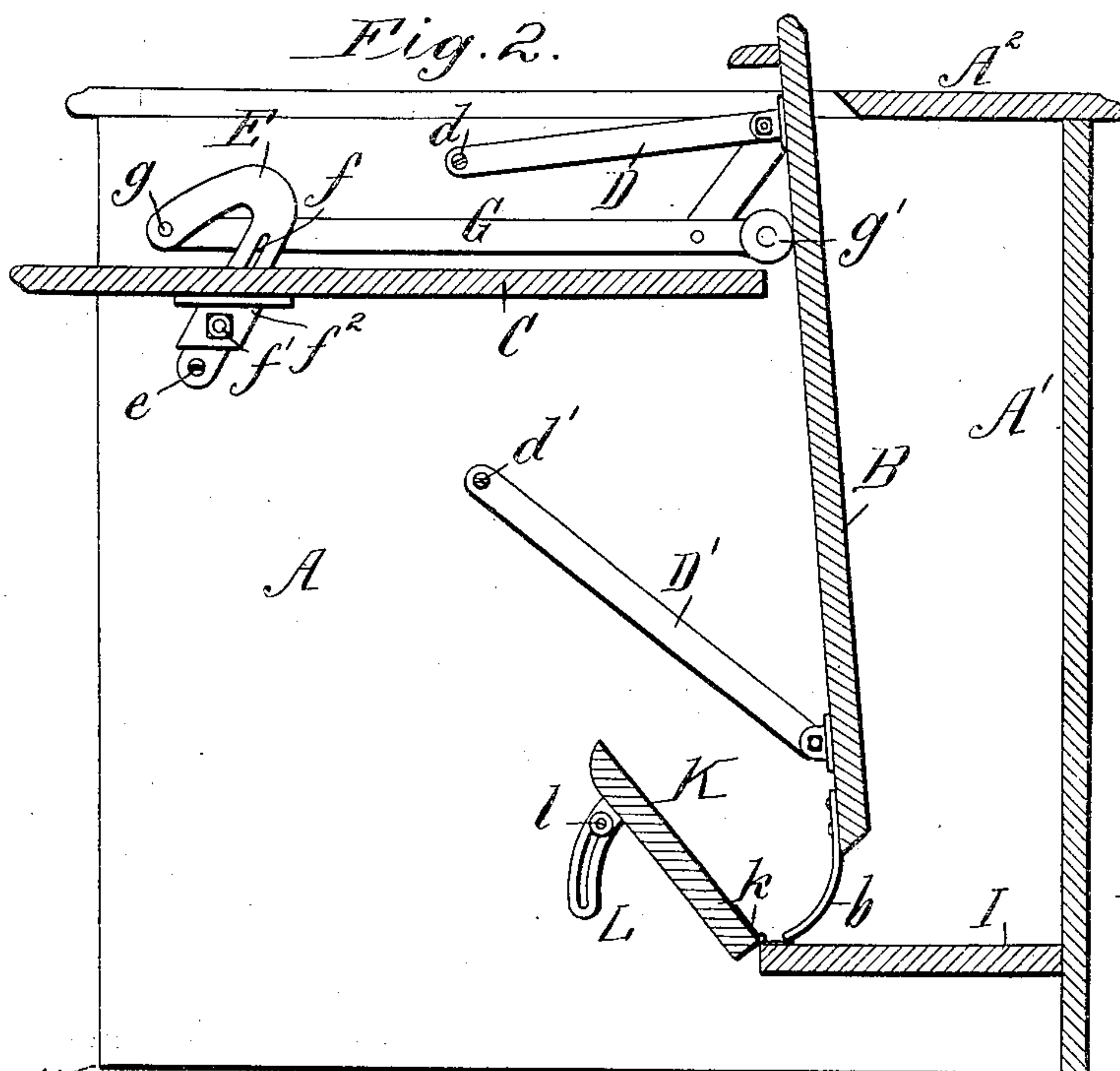
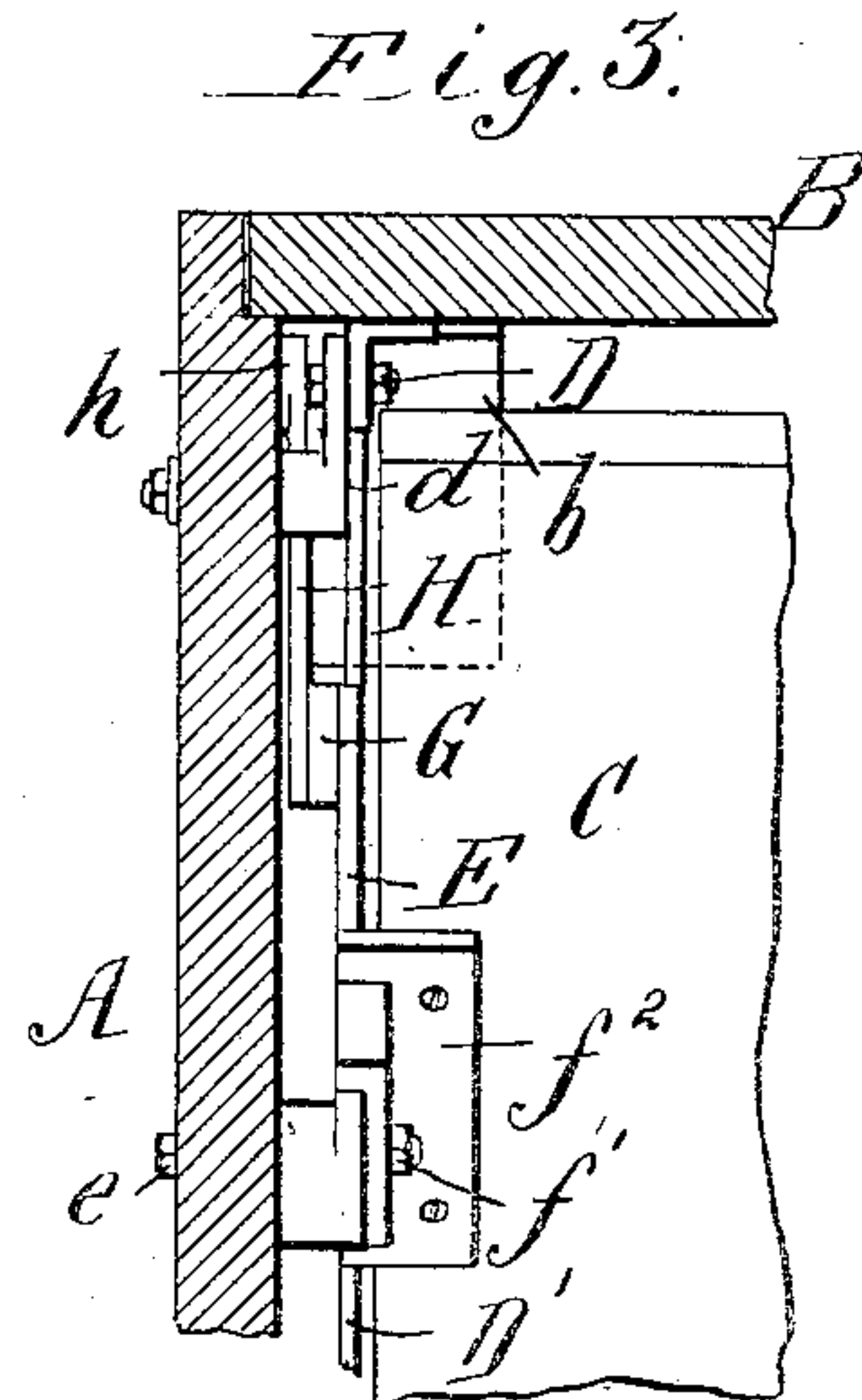
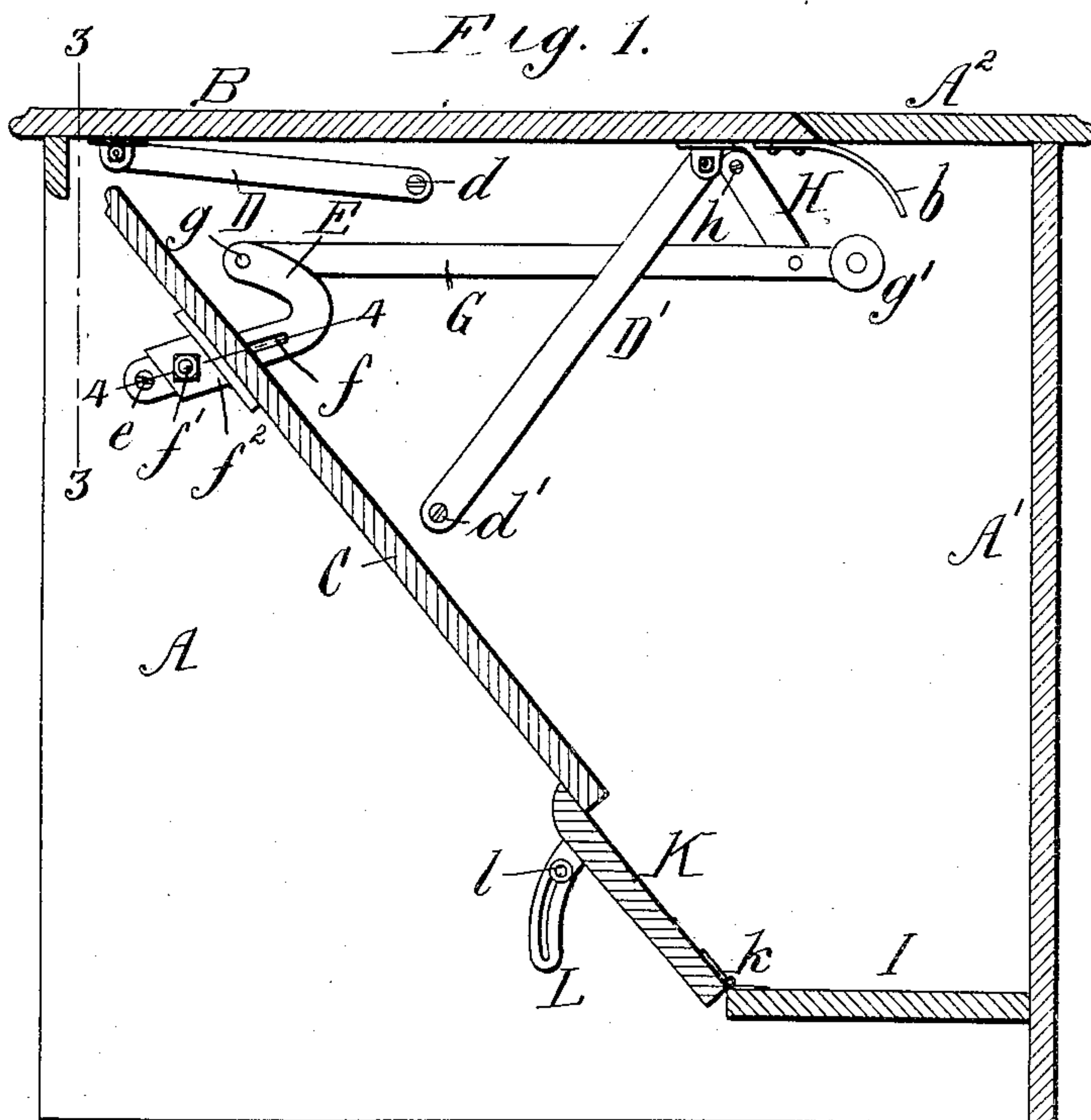


No. 765,076.

PATENTED JULY 12, 1904.

W. HORROCKS.  
TYPE WRITER CABINET.  
APPLICATION FILED MAR. 3, 1904.

NO MODEL.



Witnesses:-

R. W. Purner.

E. A. Volk.

Inventor:  
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Attorneys.



# UNITED STATES PATENT OFFICE.

WILLIAM HORROCKS, OF HERKIMER, NEW YORK.

## TYPE-WRITER CABINET.

SPECIFICATION forming part of Letters Patent No. 765,076, dated July 12, 1904.

Application filed March 3, 1904. Serial No. 196,278. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM HORROCKS, a citizen of the United States, and a resident of Herkimer, in the county of Herkimer and State of New York, have invented a new and useful Improvement in Type-Writer Cabinets, of which the following is a specification.

This invention relates to that class of type-writer cabinets or desks which are provided with a movable platform upon which the type-writer is mounted and with a top or cover which can be pushed backwardly and downwardly into the cabinet when the type-writer is to be used.

My invention has particular reference to a cabinet in which the top and platform are not connected by mechanism in such a way that the movement of the platform is positively effected by the movement of the top in either direction, but in which the platform is disconnected from the top and the lowering of the platform is effected by gravity.

The object of the invention is to produce a simple and convenient mechanism of this kind.

In the accompanying drawings, Figure 1 is a sectional elevation showing the top in its normal horizontal position and the platform in its lowered position. Fig. 2 is a similar view showing the platform in its horizontal operative position and the top in its lowered position. Fig. 3 is a fragmentary vertical section at right angles to Fig. 1 in line 3 3, Fig. 1, on an enlarged scale. Fig. 4 is a sectional view, on an enlarged scale, of the adjustable platform-support in line 4 4, Fig. 1. Fig. 5 is a view similar to Fig. 4, showing a modified construction of the adjustable platform-support. Fig. 6 is a cross-section in line 6 6, Fig. 5.

Like letters of reference refer to like parts in the several figures.

A represents one of the side walls, A' the rear wall, and A<sup>2</sup> the fixed rear portion of the top of a type-writer cabinet.

B represents the movable top, which is arranged, as usual, to rest in its normal horizontal position upon ledges on the side walls of the cabinet and to extend to the fixed rear portion A<sup>2</sup> of the top.

C represents the movable platform or shelf upon which the type-writer is mounted. The movable top is not connected with the platform, but is connected at each side to the adjacent side wall of the cabinet by a front link D and a rear link D'. The link D is pivoted at its rear end to the cabinet-wall by a pivot *d*, and the link D' is pivoted at its lower end to the wall by a pivot *d'*. The platform C is connected at each side to the adjacent side wall of the cabinet by a bent rock-arm E, which is pivoted to the cabinet-wall at its lower or front end by a pivot *e*. The platform is attached to these arms in such manner that its position can be adjusted toward and from the pivots of the arms, thereby raising or lowering the platform when in its horizontal or operative position. This adjustment is resorted to for rendering the position of the machine convenient for the operator—for instance, for adjusting the platform to the height or size of the type-writer—the platform being lowered for a large machine and raised for a small machine. The specific adjusting devices shown in Figs. 1 to 4 of the drawings consist of a longitudinal slot *f*, formed in the straight portion of the arm and an attaching-bolt *f'*, passing through this slot and through a bracket *f''*, secured to the under side of the platform. In the construction shown in Figs. 5 and 6 the arm E and bracket *f''* are secured together by slidable dovetails *f<sup>3</sup>* and a set-screw *f<sup>4</sup>*. The bent form of the adjusting-arms provides for a comparatively long adjustment of the platform on the arms without increasing the effective length of the arms.

G represents a horizontal shifting-bar, which is arranged on the inner side of the side wall of the cabinet and connected at its front end by a pivot *g* to the free end of the bent arm E and supported near its rear end by a pendant link H, which is pivoted at its upper end *h* to the side wall of the cabinet. The rear end of this shifting-bar stands in such a relation to the movable top B that when the latter is moved backwardly and downwardly into the cabinet the under side of the top strikes against the rear ends of these shifting-bars and pushes the bars forwardly, thereby raising the platform to its horizontal position,



as shown in Fig. 2. In this position of the parts the top bears against the rear ends of the shifting-bars and holds the platform securely in its operative horizontal position.

5 Each shifting-bar is preferably provided at its rear end with an antifriction-roller  $g'$ , against which the top bears in shifting and holding the platform. Upon raising the platform the latter releases the shifting-bars gradually and  
10 the platform is allowed to descend by gravity to its lowered position. The top is preferably provided at its rear end with rearwardly and downwardly extending curved plates  $b$ , which come in contact with the rollers  $g'$  upon  
15 raising the front end of the top for lowering the same.

I represents the horizontal bottom of the cabinet-wall arranged in the lower portion of the cabinet and projecting from the rear wall  
20 A' thereof forwardly below the lower end of the top when the latter is lowered.

K represents the adjustable flap or front wall of the bottom, which extends from the front end thereof forwardly and upwardly in  
25 the proper position to close the space between the bottom I and the platform when the latter is in its lowered position, the rear end of the platform overlapping the upper end of the adjustable flap or front wall. The latter is  
30 preferably hinged at  $k$  to the front end of the bottom I and is adjustably held in position by any suitable means—for instance, as shown, by a slotted segment L, secured to the flap at  
35 each side thereof and secured to the adjacent side wall A of the cabinet by a screw  $l$ —so that the flap can be adjusted up or down to correspond with the adjustment of the platform on the supporting-arms E thereof.

While it may be desirable in most cases to  
40 connect the platform to the cabinet at a short distance in rear of the front end of the platform, as shown, in order to project the platform forwardly when raising it to its operative position, this style of connection is not  
45 indispensable, and other well-known styles by which the platform is not moved forwardly may be employed, if desired. Various other modifications of specific details may also be made without departing from the essential  
50 features of the invention.

I claim as my invention—

1. The combination of a cabinet, a top

mounted on the same to move backwardly and downwardly thereinto, a machine-platform movably mounted in the cabinet, and a longitudinal-movable shifting device which is  
55 connected at the front to the platform and at the rear to the cabinet and has its rear portion positioned to be engaged and moved forwardly by the top as the latter is lowered, substantially as set forth. 60

2. The combination of a cabinet, a top mounted in the same to move backwardly and downwardly, a machine-platform having its front portion pivoted to the cabinet, and a  
65 longitudinally-movable shifting-bar which is connected at its front end to the platform and extends rearwardly therefrom and which has its rear portion movably connected to the cabinet and positioned to be engaged and actuated  
70 by the top as the latter is lowered, substantially as set forth.

3. The combination of a cabinet, a top mounted in the same to move backwardly and downwardly, a machine-platform, a rock-arm  
75 connecting the front portion of the platform with the cabinet, a longitudinally-movable shifting-bar connected at its front end to said rock-arm, extending rearwardly therefrom and having its rear portion positioned to be  
80 engaged and actuated by the top, and a link connecting the rear portion of the shifting-bar with the cabinet, substantially as set forth.

4. The combination of a cabinet, a movable machine-platform, a fixed bottom arranged in  
85 the lower portion of the cabinet, a movable flap arranged at the front end of said bottom, and means for adjusting the flap to the platform in the lowered position of the latter, substantially as set forth. 90

5. The combination of a cabinet, a movable machine-platform, adjusting means for raising or lowering the platform on its supports, a fixed bottom arranged in the rear portion of the cabinet, a movable flap arranged at the  
95 front end of said bottom, and means for adjusting the flap to the platform in the lower position of the latter, substantially as set forth.

Witness my hand this 16th day of February, 1904.

WILLIAM HORROCKS.

Witnesses:

ADOLPHUS PERRINE,  
BYRON GETMAN.