

(No Model.)

W. J. JACKSON.  
FOLDING DESK AND SEAT.

No. 288,441.

Patented Nov. 13, 1883.

Fig. 1.

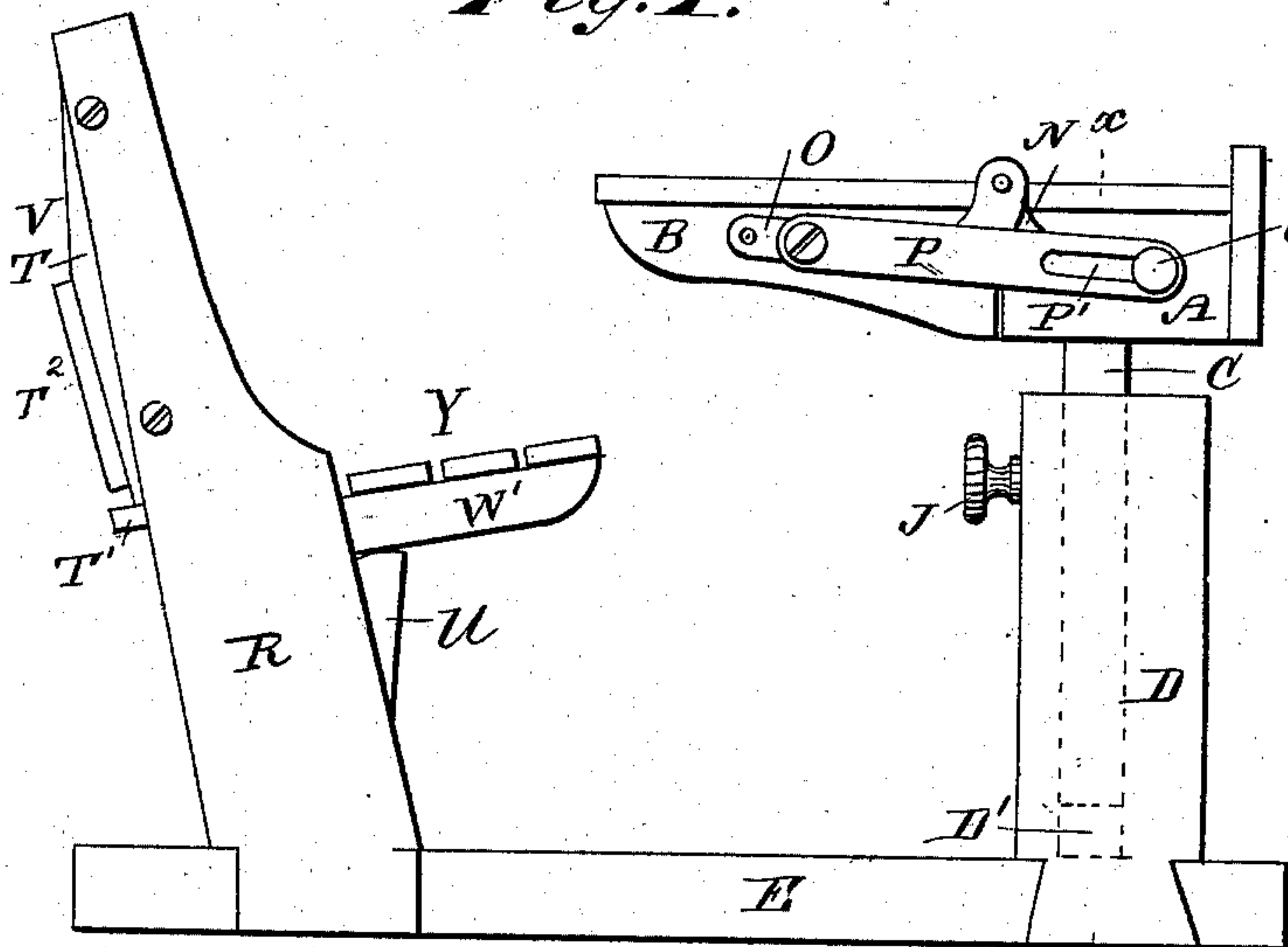


Fig. 2.

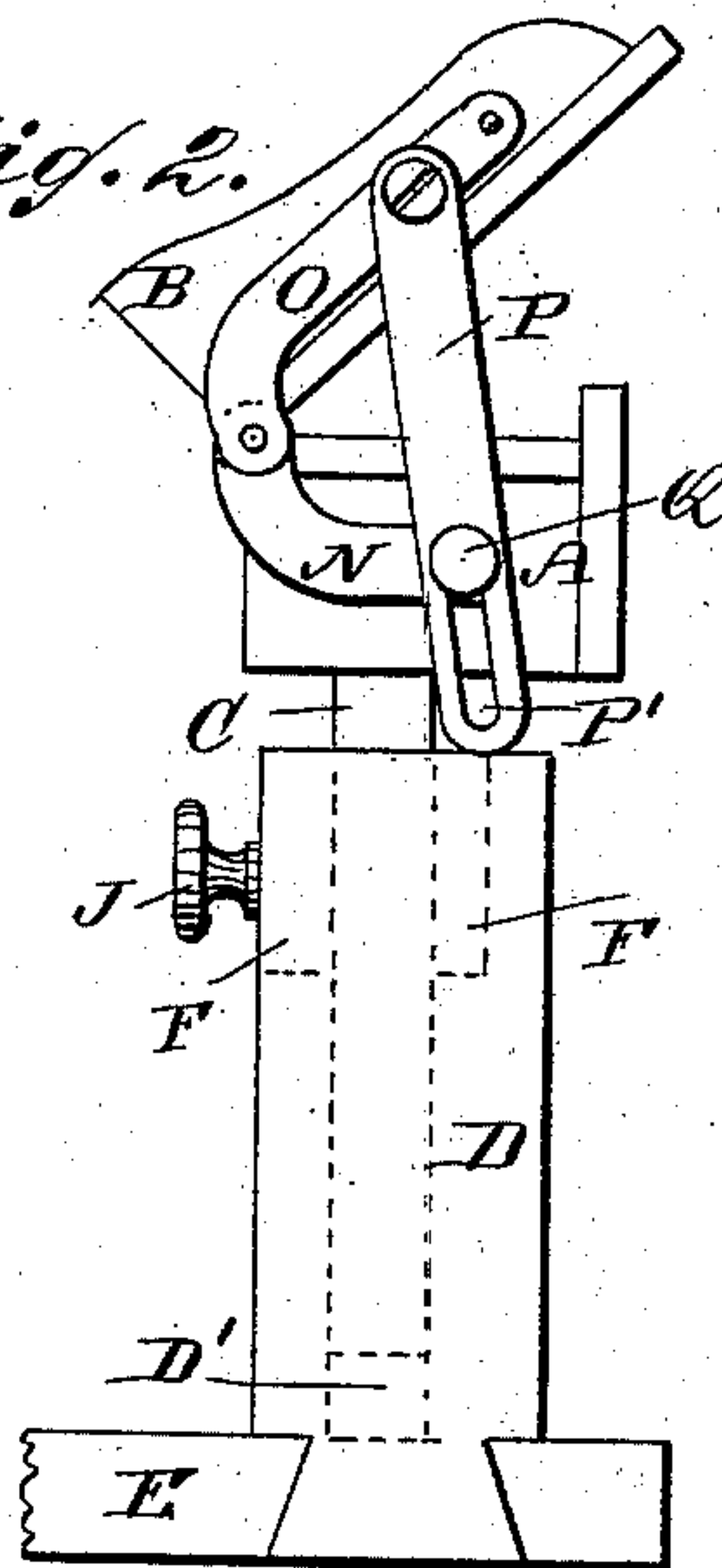


Fig. 3.

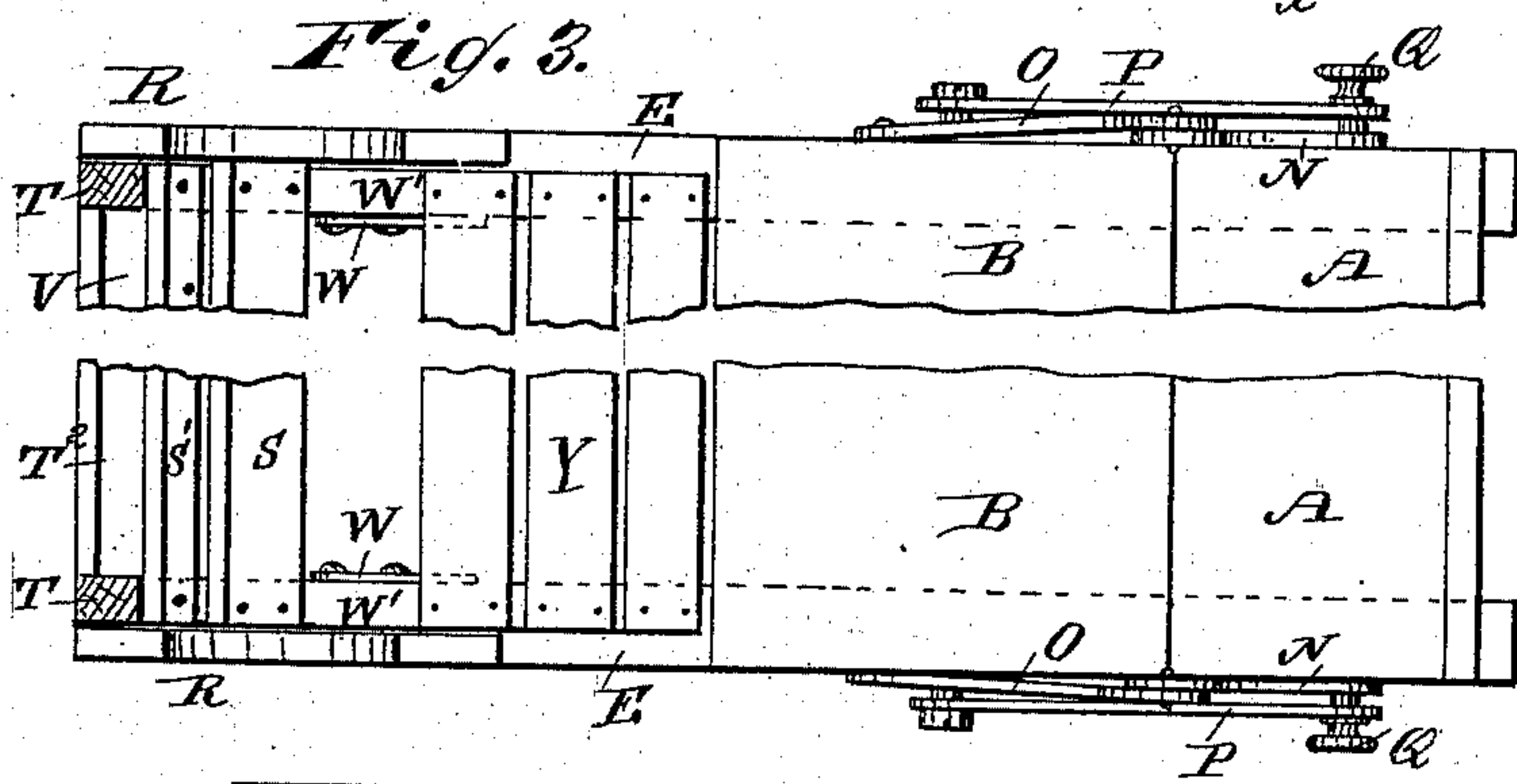
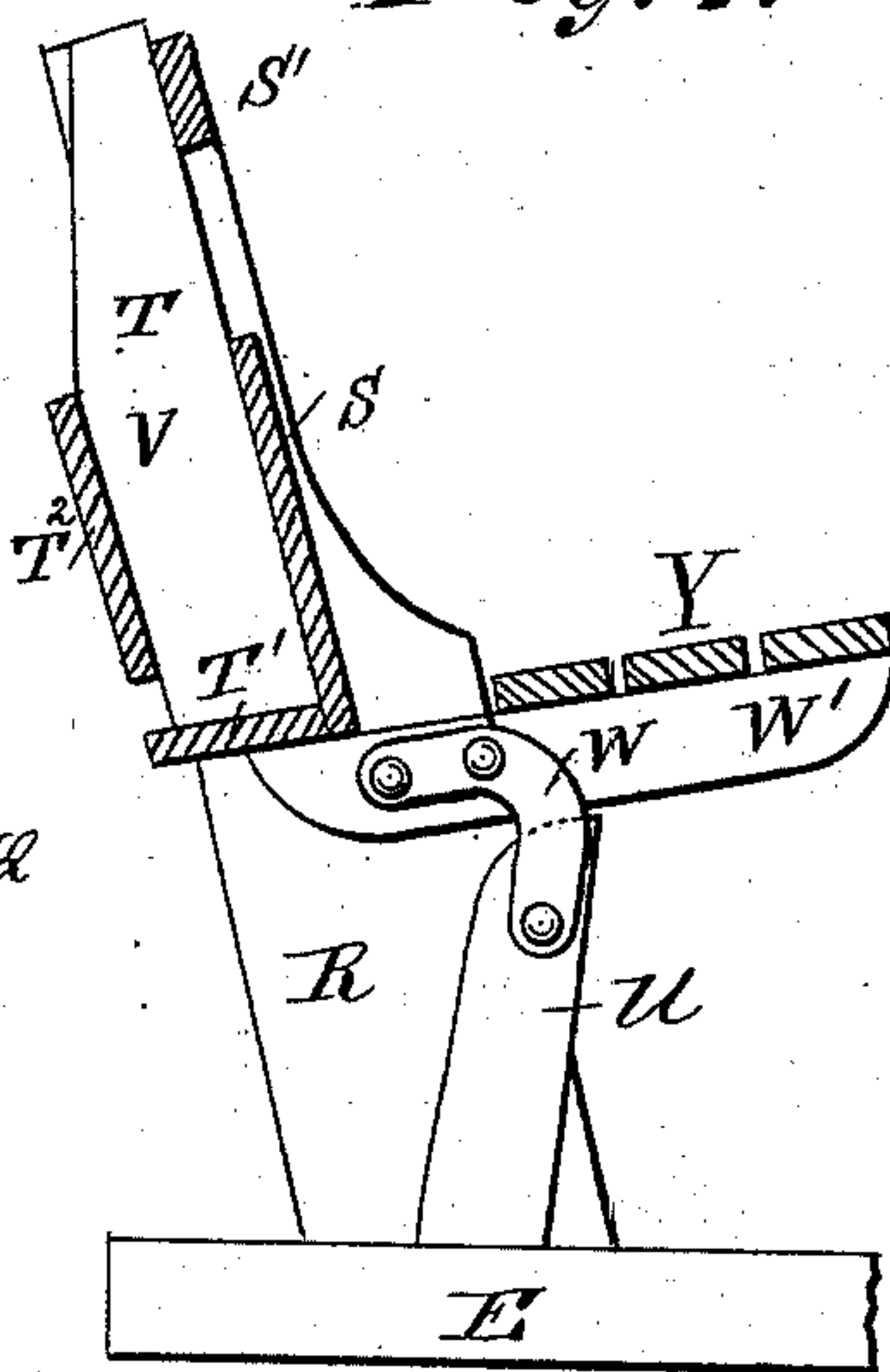


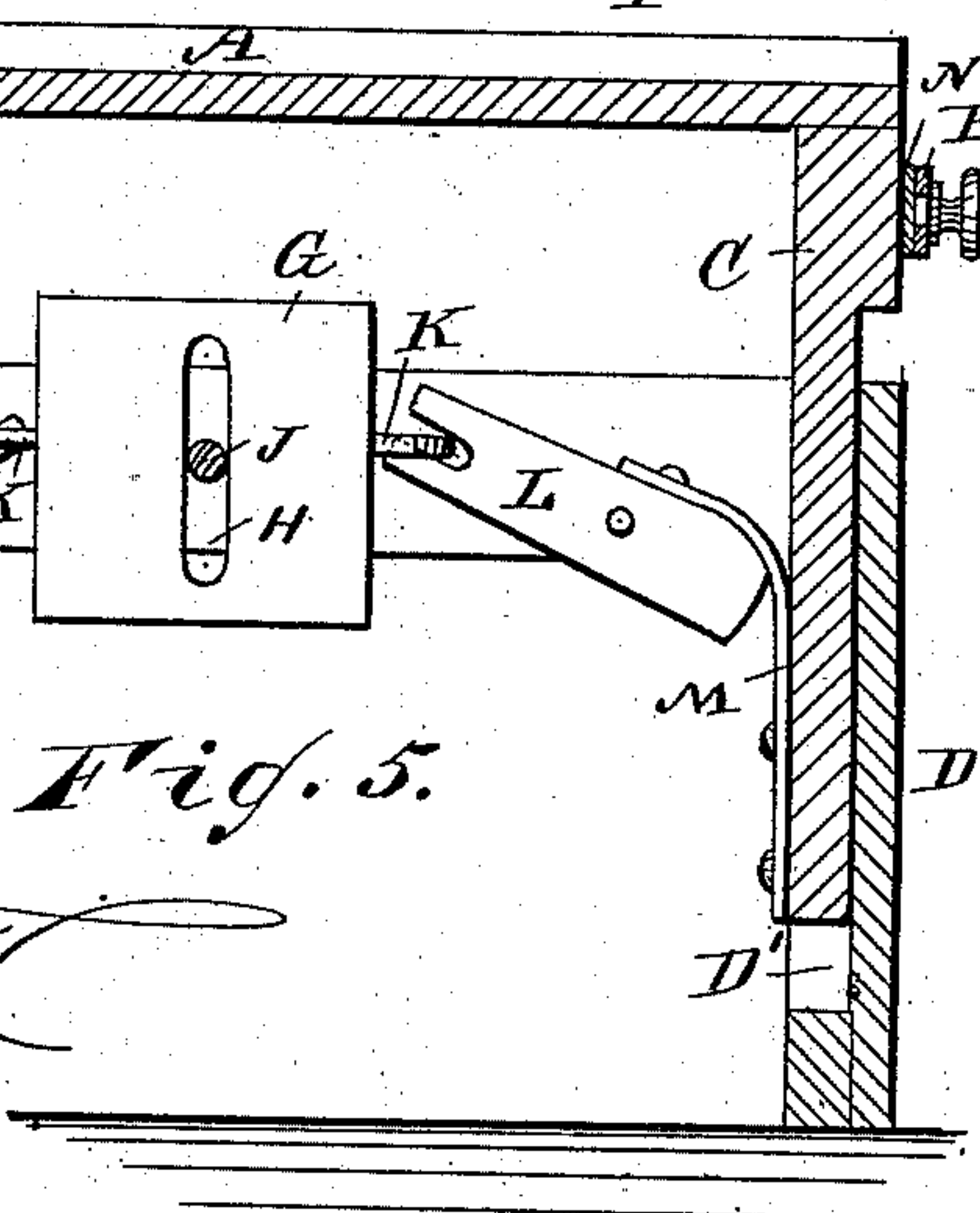
Fig. 4.



WITNESSES:

*Thos. G. Foster.*  
*C. Sedgwick.*

Fig. 5.



INVENTOR:

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# UNITED STATES PATENT OFFICE.

WILLIAM J. JACKSON, OF McCOMB, MISSISSIPPI.

## FOLDING DESK AND SEAT.

SPECIFICATION forming part of Letters Patent No. 288,441, dated November 13, 1883.

Application filed May 29, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM J. JACKSON, of McComb, in the county of Pike and State of Mississippi, have invented a new and Improved Folding Desk and Seat, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved school desk and seat which can be swung upward, to facilitate the sweeping of the room, and which desk can also be adjusted vertically.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is an end elevation of my improved folding school desk and seat, showing them both swung down. Fig. 2 is an end elevation of the desk, showing it swung upward. Fig. 3 is a plan view of the desk and seat, parts being broken out. Fig. 4 is a cross-sectional elevation of the seat. Fig. 5 is a longitudinal sectional elevation of the desk.

The desk is formed of two sections, A B, hinged to each other on top in such a manner that the section B can be folded down on top of the section A. To the ends of the section B two downwardly-projecting legs, C, are fastened, which slide in vertical grooves D', formed in the inner sides of legs or standards D, secured at the lower ends by means of dovetail tenons, or in any other suitable manner, to two base-rails, E, parallel with the ends of the desk.

The legs or standards C are united at each side of the legs C by cross-bars F, between which bars a block, G, is adjusted to slide vertically, which block is provided with a vertical slot, H, through which a binding-screw, J, passes, which passes through the cross-bars F. The block G is provided on each side with a staple or prong, K, which passes into the forked ends of levers L, pivoted on a bar, F', and each having a strap or metal band, M, secured to the upper surface, which bands overlap the outer ends of the levers, and are fastened to the inner surfaces of the legs C, at or near the lower ends of the same.

If desired, segmental racks can be fastened on the ends of the levers, and vertical racks, with which the segmental racks engage, can be fastened on the inner sides of the legs C.

To each end of the desk-section A an L-

shaped piece, N, is attached, with the short upwardly-projecting shank at the inner edge, and to each end of the hinged section B an L-shaped piece, O, is fastened, with the upwardly-projecting short shank at the inner edge, and the ends of the short shanks of the pieces N O are pivoted to each other.

To each end of the hinged section B a rod or bar, P, is pivoted, which is provided in its free end with a longitudinal slot, P', through which a binding-screw, Q, passes into the corresponding end of the section A.

The seat is formed of two end standards, R, secured to the same base-rails as the legs or standards D of the desk, which standards are united by two back-rest boards, S S'. To the inner sides of the standards R beveled boards T are attached, to the bottom and rear edges of which boards T' T'' are attached, which form a pocket, V, for receiving books, &c. To the lower parts of the standards R short standards U are secured on the inner sides, to the upper ends of which standards U L-shaped end pieces, W, are pivoted, which end pieces, W, are secured to the end pieces, W', of the seat Y, formed of a board or series of slats secured to the end pieces, W'.

The operation is as follows: If the desk is to be swung upward to form a larger passage between the seat and desk, the screws Q are loosened and the section A is swung upward, and is then locked in place by means of the screws Q, the bars P coming to a vertical position, or nearly so. The desk will then occupy but very little space, as shown in Fig. 2. If the desk is to be raised or lowered, the screw J is loosened and the desk is raised or lowered the desired distance, and is locked in place by tightening the screw J. If the desk is lowered, the bands will draw the outer ends of the levers L downward and raise the inner ends and the block G. If the desk is raised, the block G moves downward. If the block G is locked in place, the desk is locked in place, as the desk cannot be moved downward as long as the block G is fixed. The desk can thus be adjusted vertically, according to the size of the children occupying it. The side seat-bars, W', rest at or near their middle on the upper edges of the standards U, and the upper surfaces of the rear parts of the bars W' rest against the bottom of the board T'.



If the seat is swung upward, it rests against the outer surfaces of the back-rest boards S S'. When the seat and desk are folded, they occupy very little space, thus permitting of sweeping and cleaning the room without much trouble. As the seat and desk are fixed to the same base-rails, they will always be held the proper distance apart, and cannot become detached.

Having thus described my invention, I claim  
10 as new and desire to secure by Letters Patent—

1. The combination, with the desk A B, having legs C, of the standards D, on which the legs slide, the levers L, the cross-bar F, uniting the standards, the slotted block G, connected  
15 with said levers, and the binding-screw J, as and for the purpose described.

2. In a vertically-adjustable desk, the combination, with the desk A B, having the legs

C, of the standards D, the cross-bars F, the levers L, pivoted on the cross-bar F, the bands 20 M, the slotted block G, connected with the levers L, and of the binding-screw J, substantially as herein shown and described, and for the purpose set forth.

3. In a vertically-adjustable desk, the combination, with the desk A B, having legs C, of the standards D, the cross-bars F, the levers L, pivoted on the cross-bar F, and having the inner ends forked, the bands M, the slotted block G, the staples or prongs K, and the 30 binding-screw J, substantially as herein shown and described, and for the purpose set forth.

WILLIAM JOSEPH JACKSON.

Witnesses:

C. S. KELLOGG,

A. C. MARTIN.