

(No Model.)

4 Sheets—Sheet 1.

E. E. EVERITT.

WARDROBE OR FOLDING BEDSTEAD.

No. 332,144.

Patented Dec. 8, 1885.

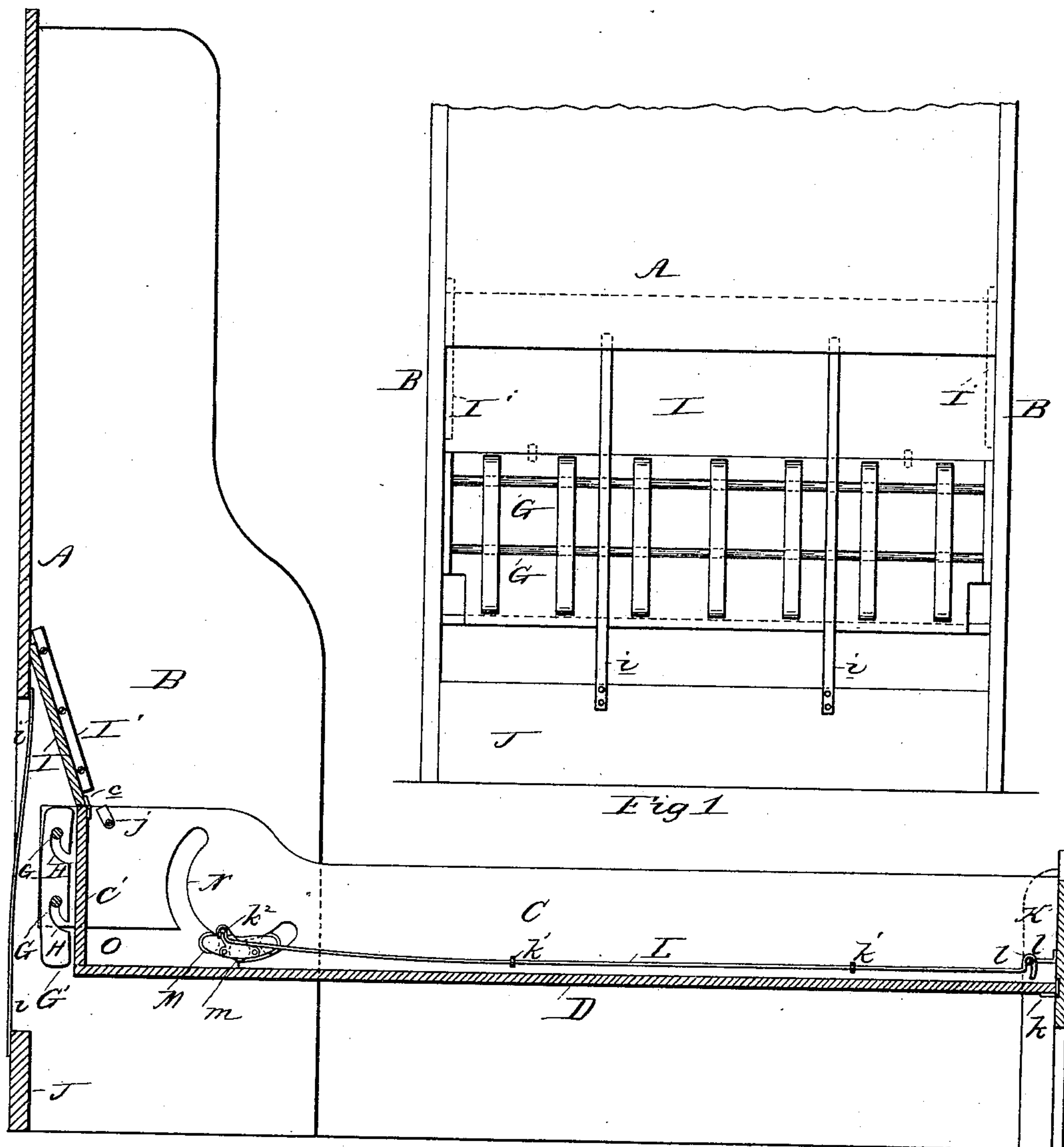


Fig. 2

Witnesses

Will. H. Powell.
James B. Rankin.

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by *Cornell & Co.*
Attys

(No Model.)

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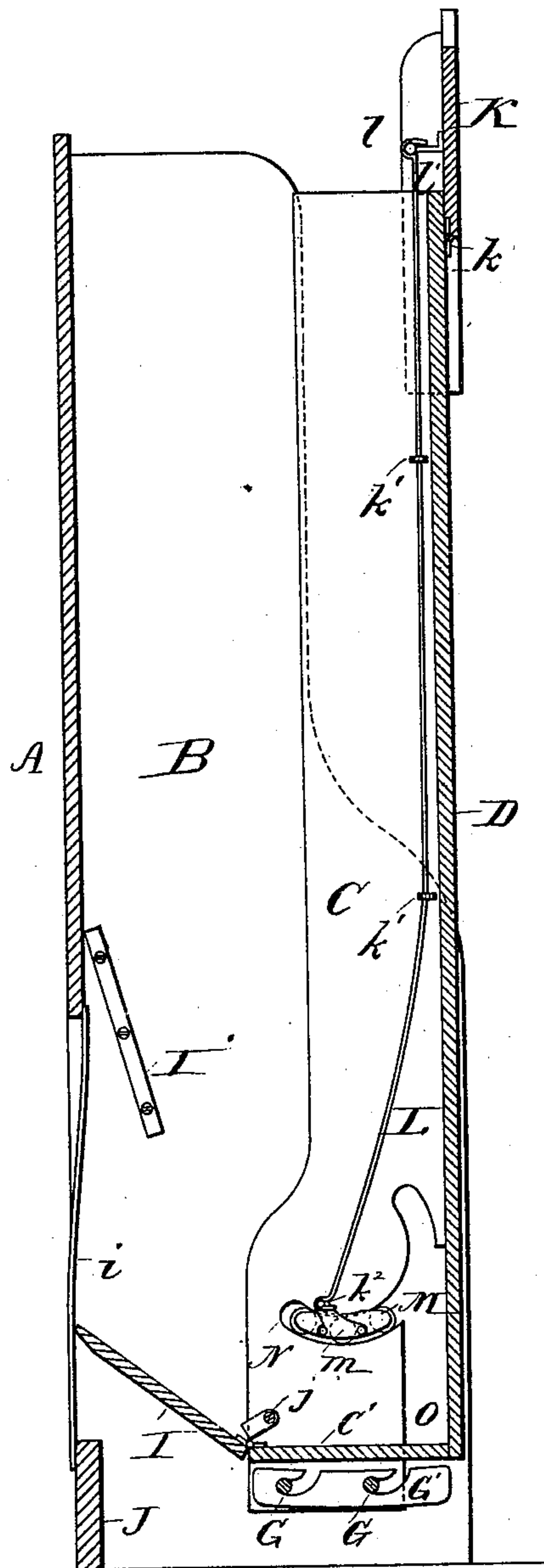


Fig. 3

Witnesses

Will S. Powell.

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Atty

(No Model.)

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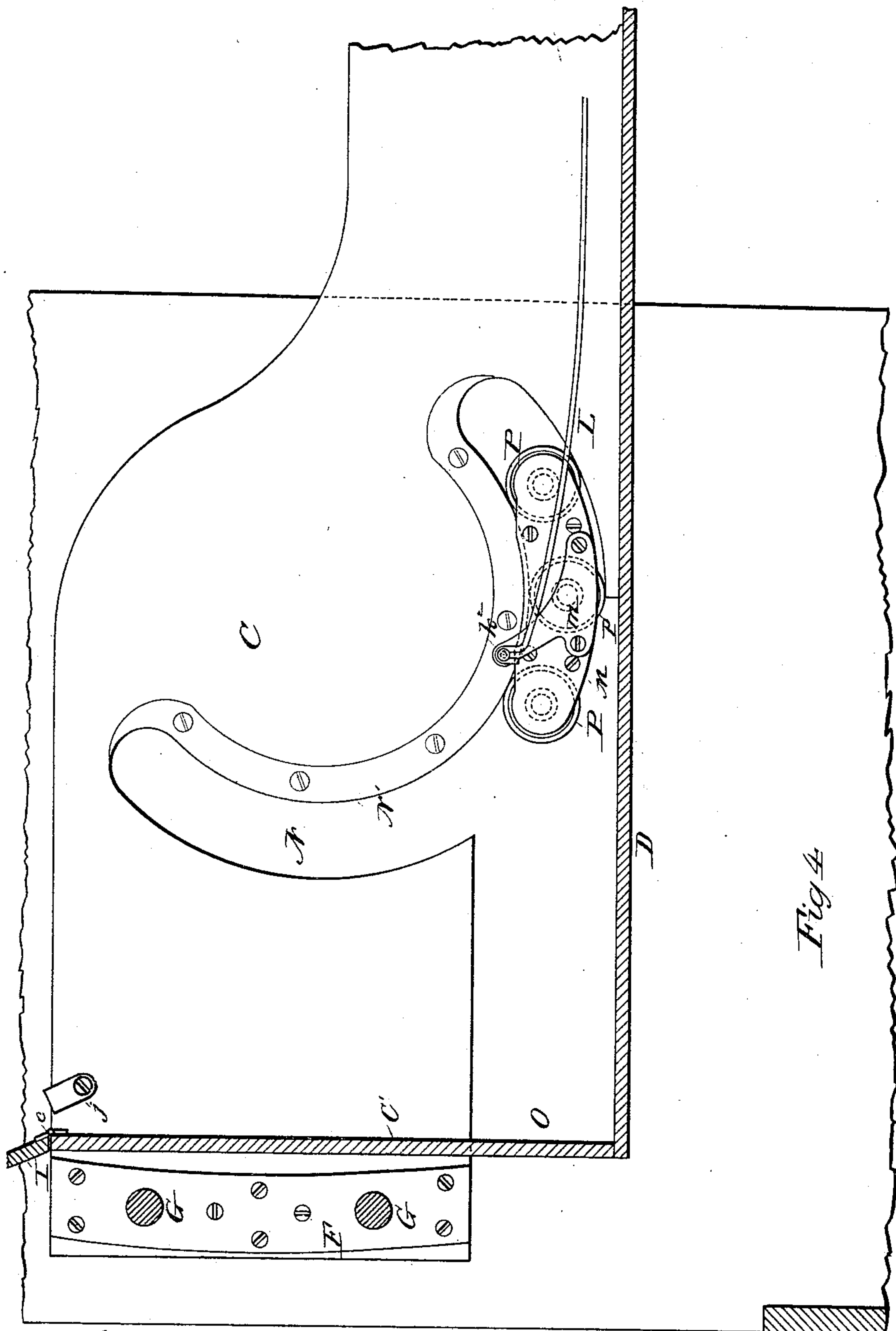


Fig 4

Witnesses
Will S. Powell.
Ernest B. Rankin

John D. Everett
by Cornelius Bros
attys

(No Model.)

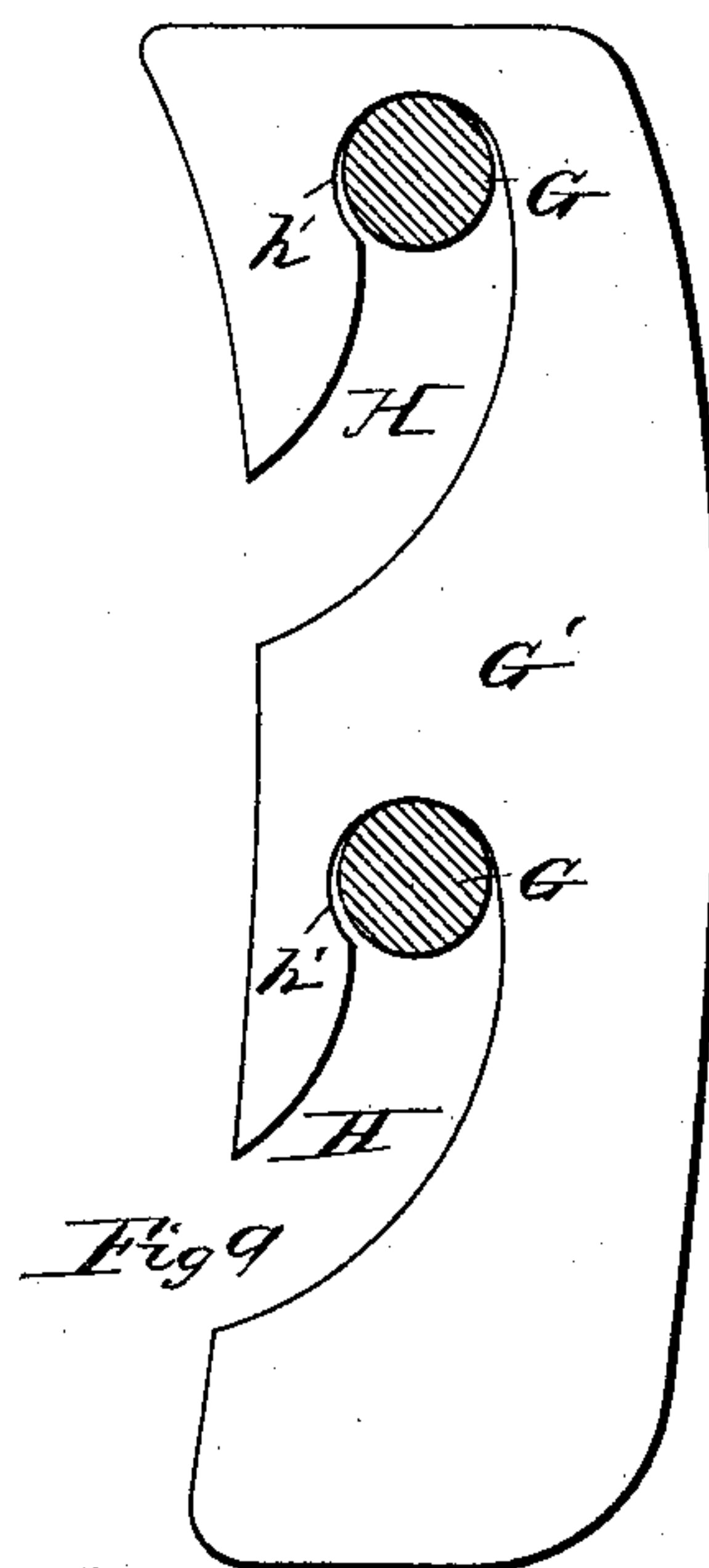
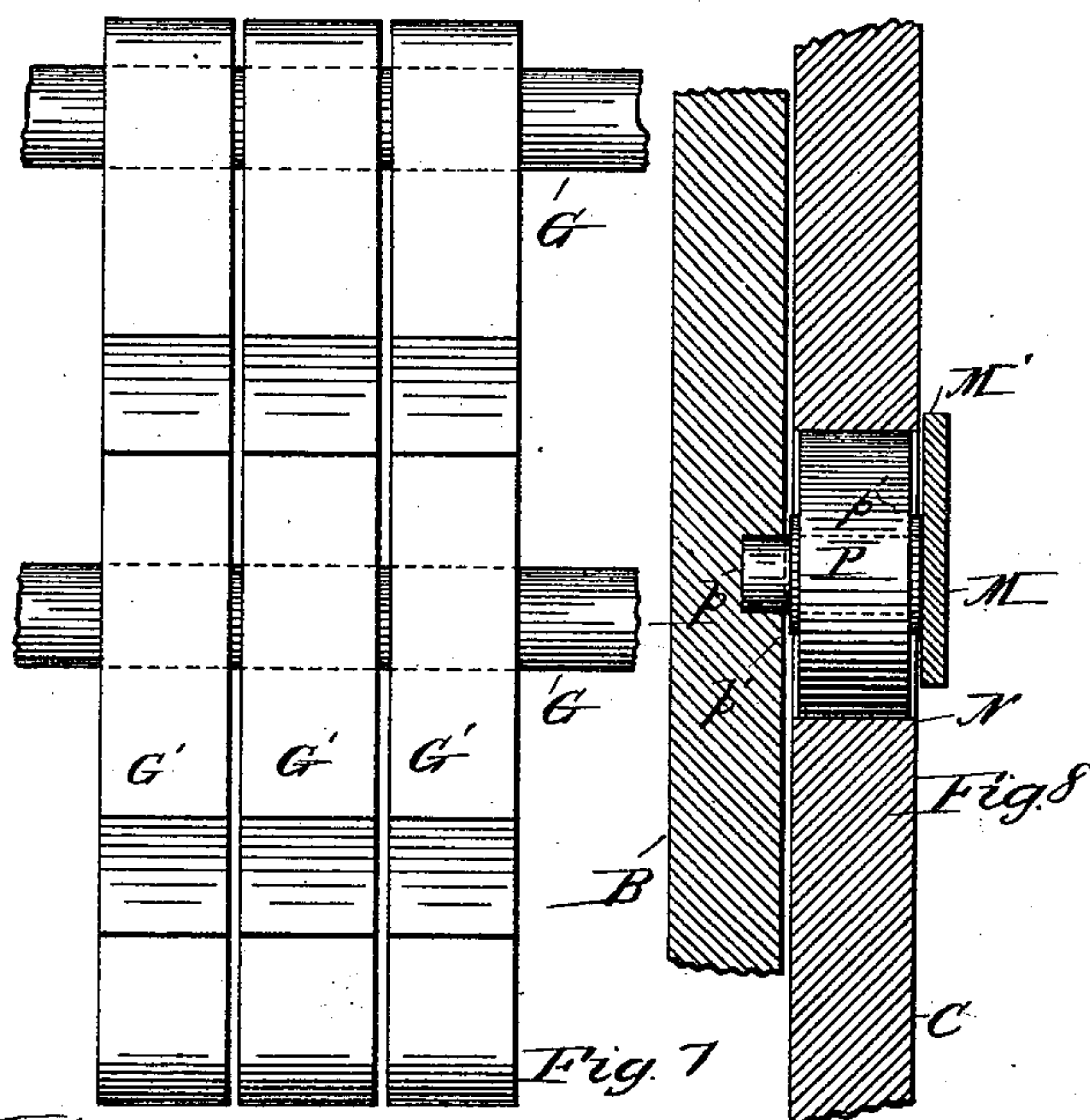
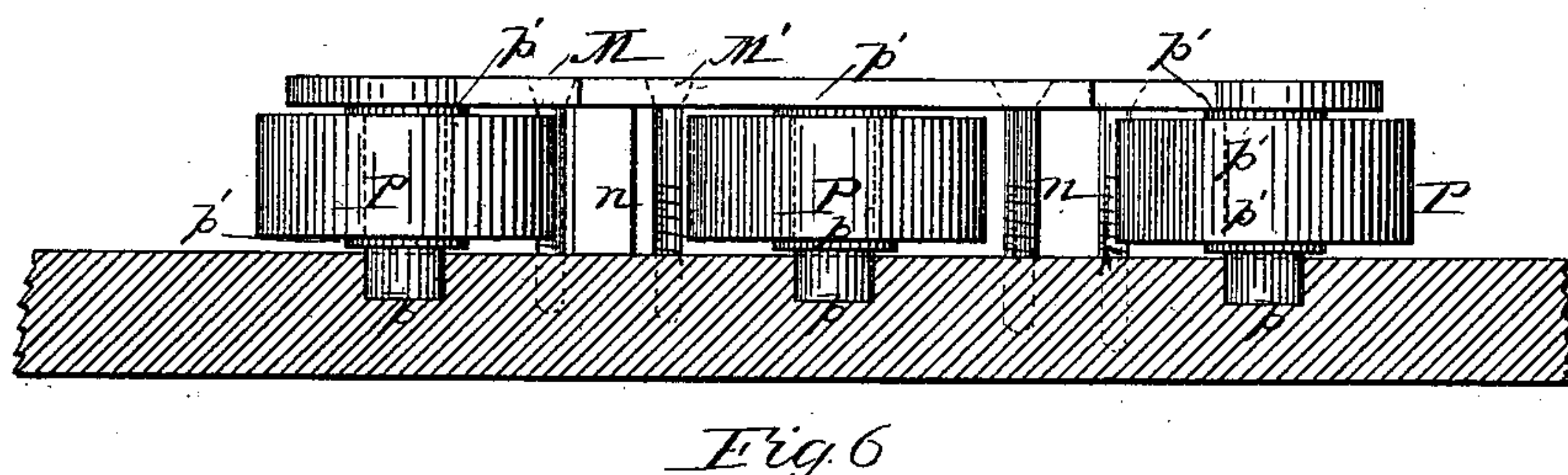
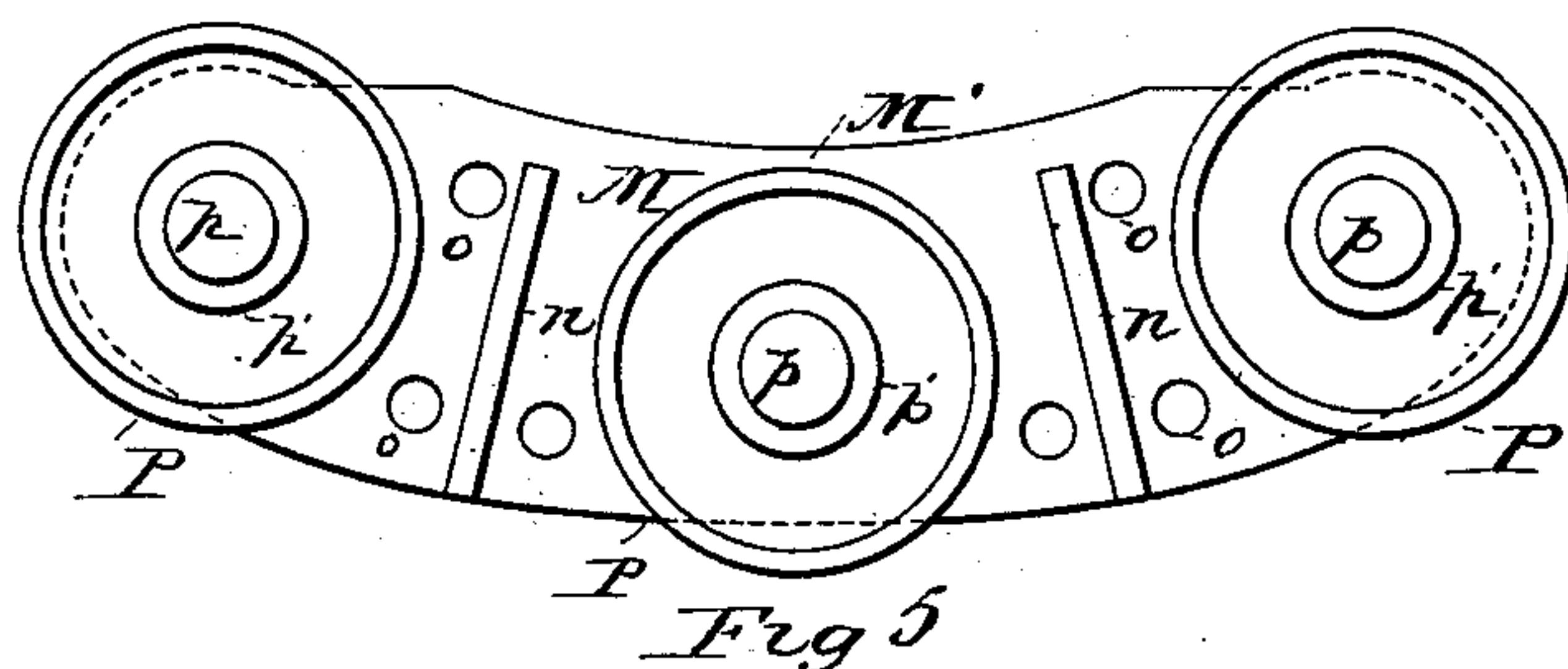
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Witnesses.

Willd Powell.

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Inventor
E. E. Everitt
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UNITED STATES PATENT OFFICE.

ELISHA E. EVERITT, OF PHILADELPHIA, PENNSYLVANIA.

WARDROBE OR FOLDING BEDSTEAD.

SPECIFICATION forming part of Letters Patent No. 332,144, dated December 8, 1885.

Application filed March 14, 1885. Serial No. 158,834. (No model.)

To all whom it may concern:

Be it known that I, ELISHA E. EVERITT, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Wardrobe or Folding Bedsteads; and I do hereby declare the following to be a full, clear, and exact description of the invention, reference being had to the accompanying drawings, which form part of this specification.

My invention has relation to folding or wardrobe bedsteads, and has for its object, first, the provision of a novel means of pivotally connecting the movable portion of the bed to the stationary portion thereof; secondly, the provision of a novel means of attaching the counterbalance-weights; thirdly, the provision of means for supporting a hinged pillow-board which supports the pillows.

Having the above objects in view, my invention consists in the novel construction, combination, and arrangement of parts hereinafter described and specifically claimed.

Referring to the accompanying drawings, Figure 1 is an end elevation of the bedstead, looking at the back of the head-board. Fig. 2 is a vertical longitudinal section of the bedstead with the folding portion or front let down. Fig. 3 is a vertical longitudinal section of bed folded or elevated. Fig. 4 is an enlarged sectional view of a portion of the bedstead, showing the manner in which the folding body is attached to the side-board. Figs. 5, 6, and 8 are details of the fulcrum upon which the movable portions turn, and Figs. 7 and 9 details showing the counterbalance-weights and the manner in which the same are secured in position.

A designates the head-board, which is of the usual construction. B B are upright boards attached to each edge of the head-board A and projecting out some distance therefrom, so as to conceal the mattress, pillows, &c., in the bed when it is folded up, and form the sides of the apparent wardrobe.

C C designate the side rails of the bed, and D the part which, when the bed is folded up, forms the front of the wardrobe-bedstead and on which the spring-bottom rests. The side rails, C C, project some distance beyond the

board C', which connects said side rails, C C, so as to permit of the attachment of the frame upon which the counterbalance-weights are hung. This frame consists of two plates, F F, fastened upon the inner sides of the projecting ends of the side rails, C C, and sustaining two horizontal bars, G G. The weights consist each of a block of metal, G', having its edges curved to correspond with the shape of the plates F F, and each weight is formed with two curved slots, H H, terminating in semicircular eyes *h' h'*, through which the bars G G pass when the weights are in position. The weights are set upon the bars G G, as shown in Fig. 9, and are not in any way displaced by the opening or closing of the bed, but can be removed or replaced at pleasure without dismantling the bed or disordering its contents.

I designates the pillow-board, which is hinged to the top of the board C' at *c*. It extends from side to side of the bed and leans back against the head-board A. As the head-board does not extend down so low as the top of board C', I attach straps of metal or other suitable material, *i i*, to the bottom of the head-board and to a cross-piece, J, these strips serving to retain the hinged pillow-board I in position while the bed is being closed. A pivoted stop or button, *j*, is attached to one or each of the side rails, C, so as to prevent the board I from accidentally falling forward upon the pillows when the bed is being lowered.

K designates the foot-board, which is hinged to the bottom of the bed at *k*. A stiff spring-wire, L, has a hook, *l*, that engages with an eye or pin, *l'*, upon the foot-board K, and, passing through staples *k' k'* on the side rails, C C, is hooked over a pin, *k''*, on a plate, *m*, on the side of the fulcrum-plate M.

Referring to Figs. 2, 3, 4, and 8, it will be observed that the side rails, C C, are each formed with a large semicircular slot, N, and that the lower corners of the rails are cut away at O, so as to allow the entrance of bearings which are attached to the upright boards B B, and form, in connection with the convex edges of the slot N, the movable fulcrum upon which the movable portion of the bed turns. These bearings consist each of an arc-

shaped plate of metal, M, which has lateral lugs *n n*, which keep it at proper distance from the upright boards B B, to which said plate is firmly attached by long wood-screws, 5 which pass through holes *o o* in said plate.

P P P designate rollers which are journaled in the upright board B and in the plate M. The shafts *p* of these rollers have collars *p'*, which bear against the plate M and the board 10 B, and serve to prevent the rollers from binding. The plates M extend above the middle rollers, as shown at M', and these extended portions of the plates serve as guards to prevent too great a lateral movement of the side 15 rails upon the rollers. The rollers P P P are arranged in the arc of a circle concentric with the convex side of the slot N. The convex portion N' of the slot N may be covered with sheet metal, as shown in Fig. 4, to prevent it 20 from wearing out.

I I represent strips secured to the inner sides of the upright boards B B, and forming guides for the hinged pillow-board I, whose ends fit inside or back of the same. These 25 strips prevent the pillow-board from falling forward when the body of the bed is lowered, as shown in Fig. 2. When said body is raised, the pillow-board moves away from these strips. When the body is being lowered, the buttons 30 *j* keep the pillow-board from falling forward until said board comes in contact with the guide-strips I'.

Operation: The plates M and the rollers P P P which are journaled therein, being secured in 35 position upon the upright boards B B, the bed body is set horizontally with the bottoms of the side rails, at O, resting upon the first or forward roller on each side. The body is now pushed toward the head-board until the rollers have entered the slots N, as seen at Figs. 40 2 and 4, the supplemental pillow-board setting back against the head-board and the rods K being hooked over the pins *k'*. The weights are then placed in position upon the 45 rods G G, and the buttons *j*, being turned to occupy position shown in Fig. 2, the bed is ready to be folded up. Upon lifting the movable portion of the bed at the bottom or foot 50 the rollers P P P follow the slot N until the bed is folded up, the foot-board meanwhile being swung down or around by the action of the rods K, so as to occupy a vertical position, the pillow-board I bearing against the straps *i i*, which prevent said board from fall- 55 ing out of place. The movement of the side rails, C C, upon the rollers is easy and noiseless, and the plates M prevent lateral play of the side rails, so that the legs on the foot-board will always rest firmly and neatly upon the 60 floor.

The bed must have slat or spring bottom in it when finished.

It will be noted that in opening and closing

the bedstead or lowering and raising the body, the fulcrum upon which the body turns change 65 or move the bearing-surfaces of the side rails, which consist of the slots N N, moving over the stationary supporting-surface, which consists of the rollers P P P.

The plates *m m* may be secured by screws 70 to the fulcrum-plates M, or may be cast integral with the latter.

In some cases a rigid foot-board may be used, and in this case the spring-wires K, for moving a pivoted foot-board, may be dispensed 75 with.

In putting the bed together and taking it apart the button *j* should be turned so as to allow the hinged pillow-board to be turned down toward the foot-board and allow it to 80 pass below the guides I'. In actual use the button *j* should be adjusted to occupy the position shown in Fig. 2.

It will be noted that one end of each of the rods L connects with the stationary part of 85 the bedstead, their other ends connecting with the hinged foot-boards, and that said rods pass through staples in the side rails, the latter being the medium through which the foot-board is caused to swing; or, in other words, 90 while the foot-board partakes of the longitudinal movement of the side rails, the rods remain stationary as regards such longitudinal movement.

What I claim as my invention is as follows: 95

1. In a wardrobe or folding bedstead, the combination, with the stationary side boards, B B, having anti-friction rollers journaled thereon, of the side rails, C C, having each a curved slot or way, N, said rollers forming the 100 fulcrum for said side rails, and traversing the curved ways therein as the latter are raised and lowered, substantially as shown and described.

2. The combination, with the upright boards, 105 B B and the side rails, C C, having curved bearing-surfaces N N', of the plates M, secured to said upright boards, and the rollers P, all constructed and arranged substantially as described. 110

3. In a folding bedstead, the combination, with the side rails, C C, and the cross-bars G G at the ends thereof, of the weights G' G', having the slots H H, which receive said bars, substantially as described. 115

4. In combination with the folding side rails and hinged pillow-board I, a button or buttons, *j*, substantially as and for the purpose set forth.

In testimony that I claim the foregoing I 120 have hereunto set my hand this 28th day of February, 1885.

ELISHA E. EVERITT.

Witnesses:

ORMOND RAMBO,

WILL H. POWELL.