

(No Model.)

J. A. HOUSE.

CORSET STRETCHING AND FINISHING MACHINE.

No. 318,255.

Patented May 19, 1885.

Fig. 2.

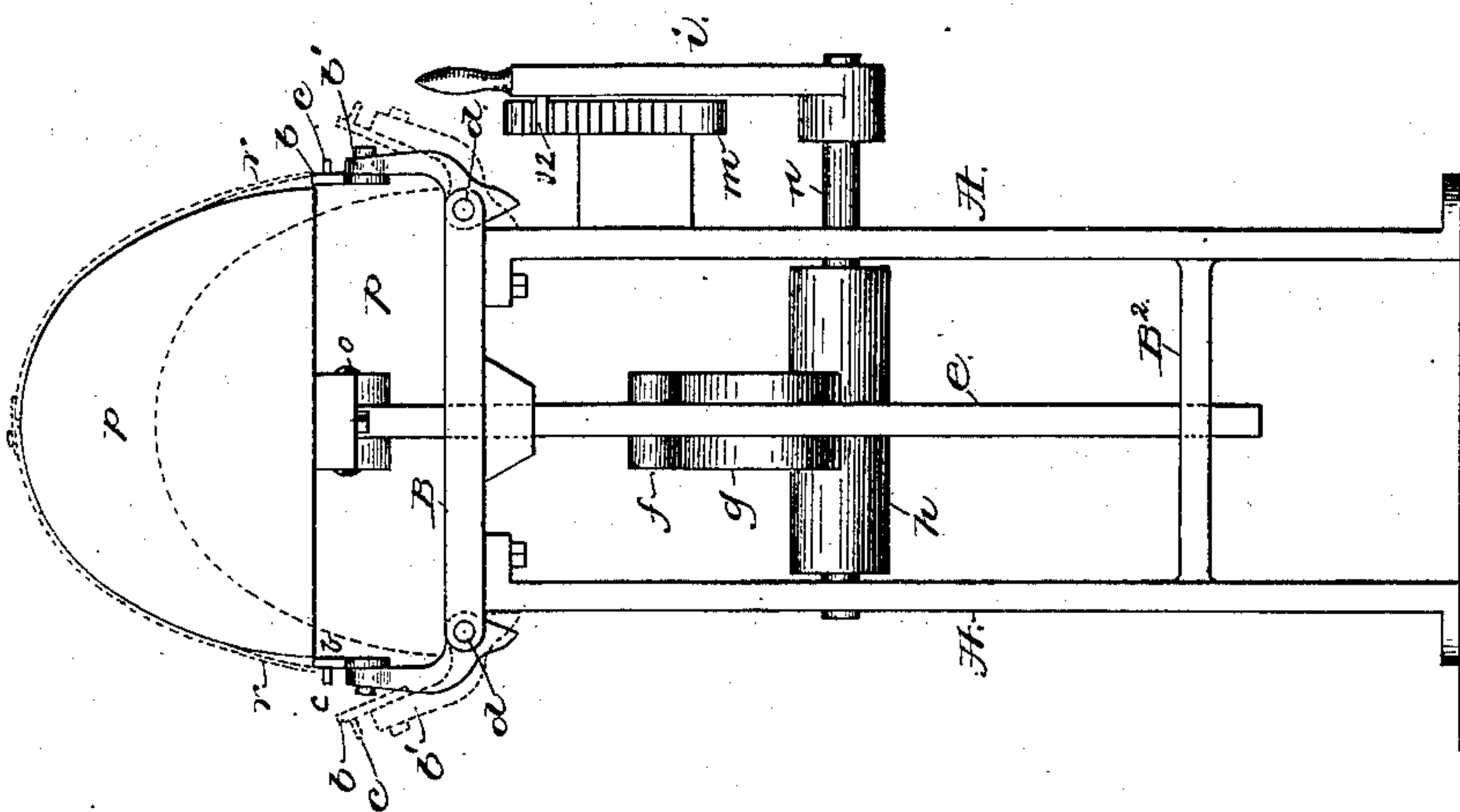
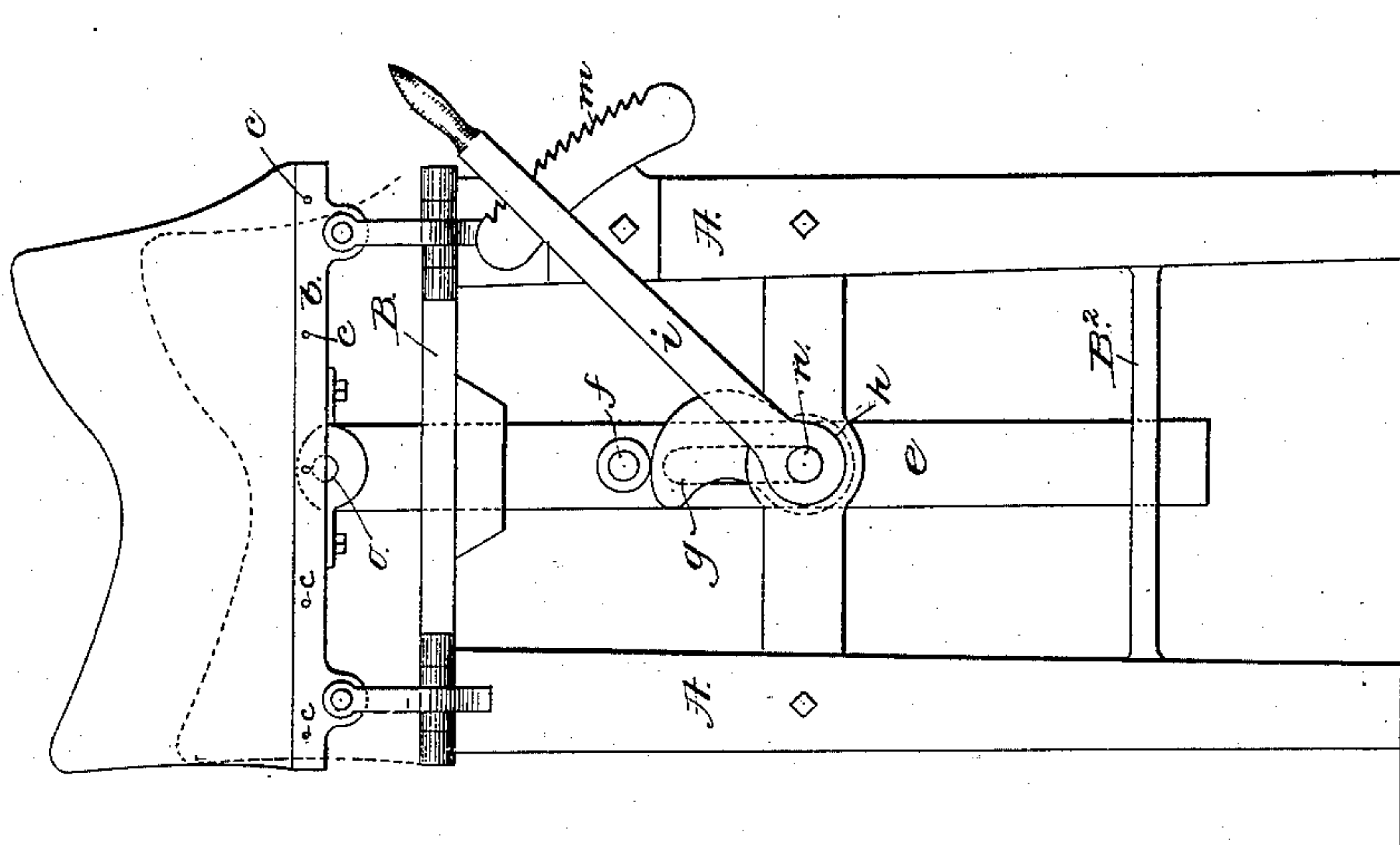


Fig. 1.



Witnesses.  
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# UNITED STATES PATENT OFFICE.

JAMES ALFORD HOUSE, OF BRIDGEPORT, CONNECTICUT.

## CORSET STRETCHING AND FINISHING MACHINE.

SPECIFICATION forming part of Letters Patent No. 318,255, dated May 19, 1885.

Application filed April 23, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES A. HOUSE, of Bridgeport, county of Fairfield, State of Connecticut, have invented an Improvement in  
5 Corset Stretching and Finishing Machines, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

10 The apparatus to be herein referred to is an improvement on the machine described in United States Patent No. 251,884, heretofore granted to me. In the machine described in the patent the mold is stationary, and the  
15 clamping or holding devices to engage the edges of the corset are made movable; but in this present invention the construction of the parts is simplified by jointing the corset-clamping or holding devices to the frame-work, and  
20 the mold is made movable upward or against the fabric held by the clamping devices. The mold, in order that it may readily adapt itself to the size and shape of the corset, is pivoted upon a lifting bar or rod.

25 My invention consists, essentially, in the mold of a corset-press, combined with devices for clamping the corset over the mold and devices for pressing the mold upward against the fabric.

30 My invention also consists in a movable pivoted mold of a corset-press, combined with clamping devices or holders to retain the corset by its edges while the mold is moved to operate, as will be described.

35 Figure 1 is a side elevation of a corset-press or finishing apparatus embodying my invention, the full lines showing the mold in its elevated, while the dotted lines show it in its lowered, position. Fig. 2 is an end elevation of  
40 the apparatus shown in Fig. 1, the clamping devices being shown as engaging a corset.

Other specific means for operating the form constitute subject-matter of my application for patent filed July 16, 1883, No. 100,969; and I  
45 have also shown, but do not therein claim, yet other means for the same purpose in my application filed September 21, 1883, No. 107,025; but the object of this case is to embrace the broad combinations of which said cases show  
50 only so many examples.

The frame-work A has a bed, B, upon which are pivoted the two corset-clamping devices or holders, (shown as composed of two bars, *b b*,) provided with pins or studs *c c*, the said bars

being attached to arms *b'*, pivoted at *d* on the 55 frame-work. The bar *e*, guided and free to slide in openings in the top plate, B, and the cross-rail B<sup>2</sup>, has a roller or stud, *f*, which is acted upon by a cam, *g*, on a shaft, *n*, the latter having an attached handle, *i*, provided 60 with a pin, 12, to engage the teeth of a segmental ratchet, *m*, the latter holding the lever in place. The mold *p*, composed, preferably, of metal, and hollow, is pivoted upon the upper end of the slide-bar *e*, to thus enable the mold 65 to tip somewhat to adapt it to the size and shape of the corset.

To apply the corset to the machine the studs and eye-plates of the two steels may be caught together, as shown at the top of Fig. 2, 70 and the usual eyelets at the two edges of the corset engaged with the studs *c* of the corset-clamping device or holder. This is done while the mold *p* is down in its dotted-line position, and immediately thereafter the mold is lifted 75 into its full-line position by raising the slide-bar *e*, such upward movement of the mold pressing it closer and closer against the corset, held from rising by means of the clamping devices or holders, causing the corset to be 80 adapted, stretched, or fitted to the mold.

Instead of bars *b* and pins *c*, I may use clamps, such as shown in the said Patent No. 251,884.

I claim—

1. In a corset-press, the combination, with 85 a mold, of devices for clamping the corset over the mold and devices for pressing the mold upward against the fabric, substantially as described. 90

2. A corset-press containing a pivoted movable mold, combined with clamping devices or holders to retain the corset by its edges while the form is moved, to operate all substantially 95 as described.

3. The slide-bar *e* and the form pivoted thereon, combined with clamping or holding devices for the edges of the corset while being stretched, and with means to lift the said slide-bar, substantially as described. 100

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES ALFORD HOUSE.

Witnesses:

CHARLES H. DIMOND,  
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