

(No Model.)

J. M. HUFFER & A. B. BUEHL.  
ADJUSTABLE STAND FOR GOODS FORMS.

No. 460,640.

Patented Oct. 6, 1891.

Fig. 1.

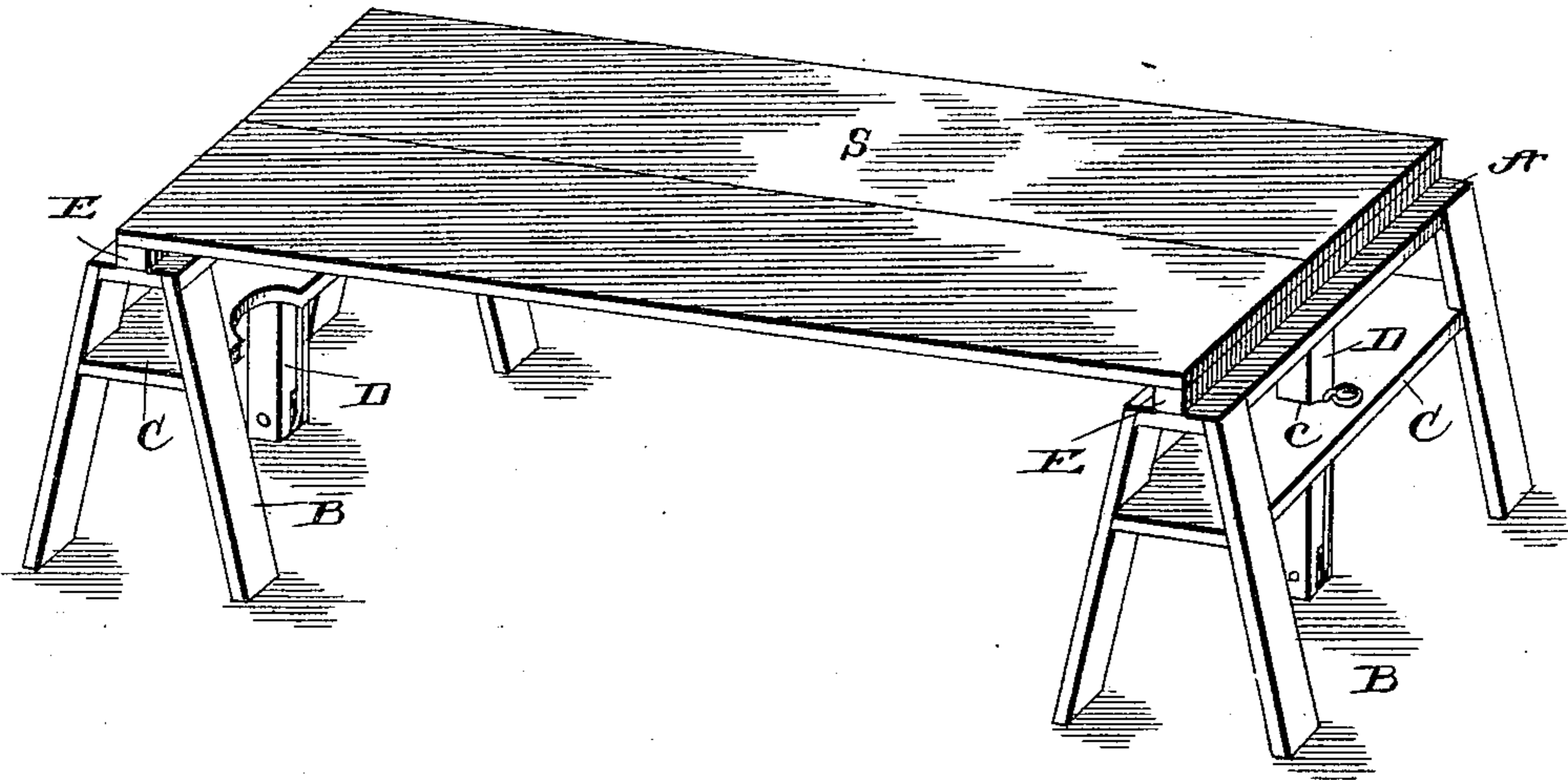


Fig. 2.

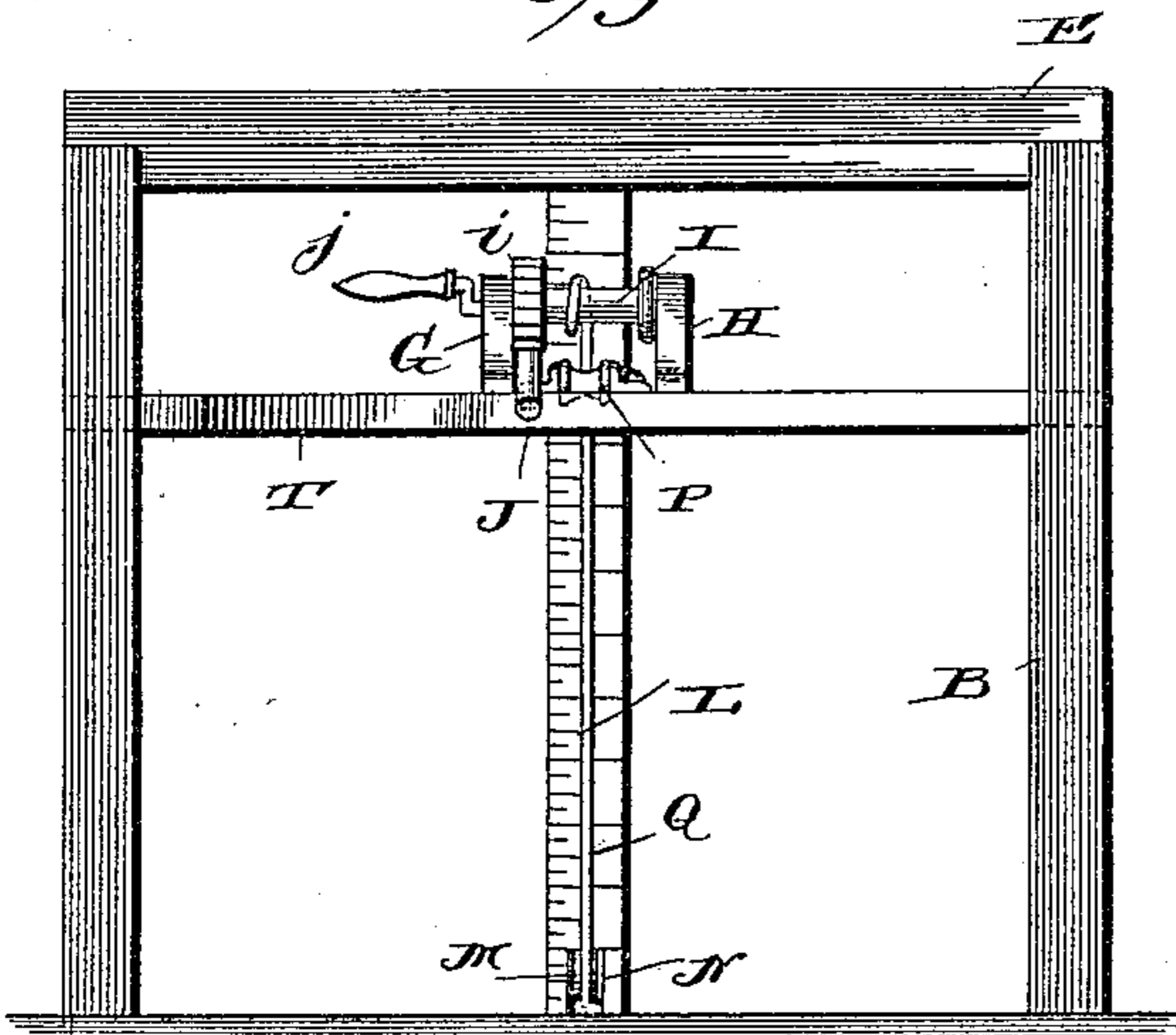


Fig. 3.

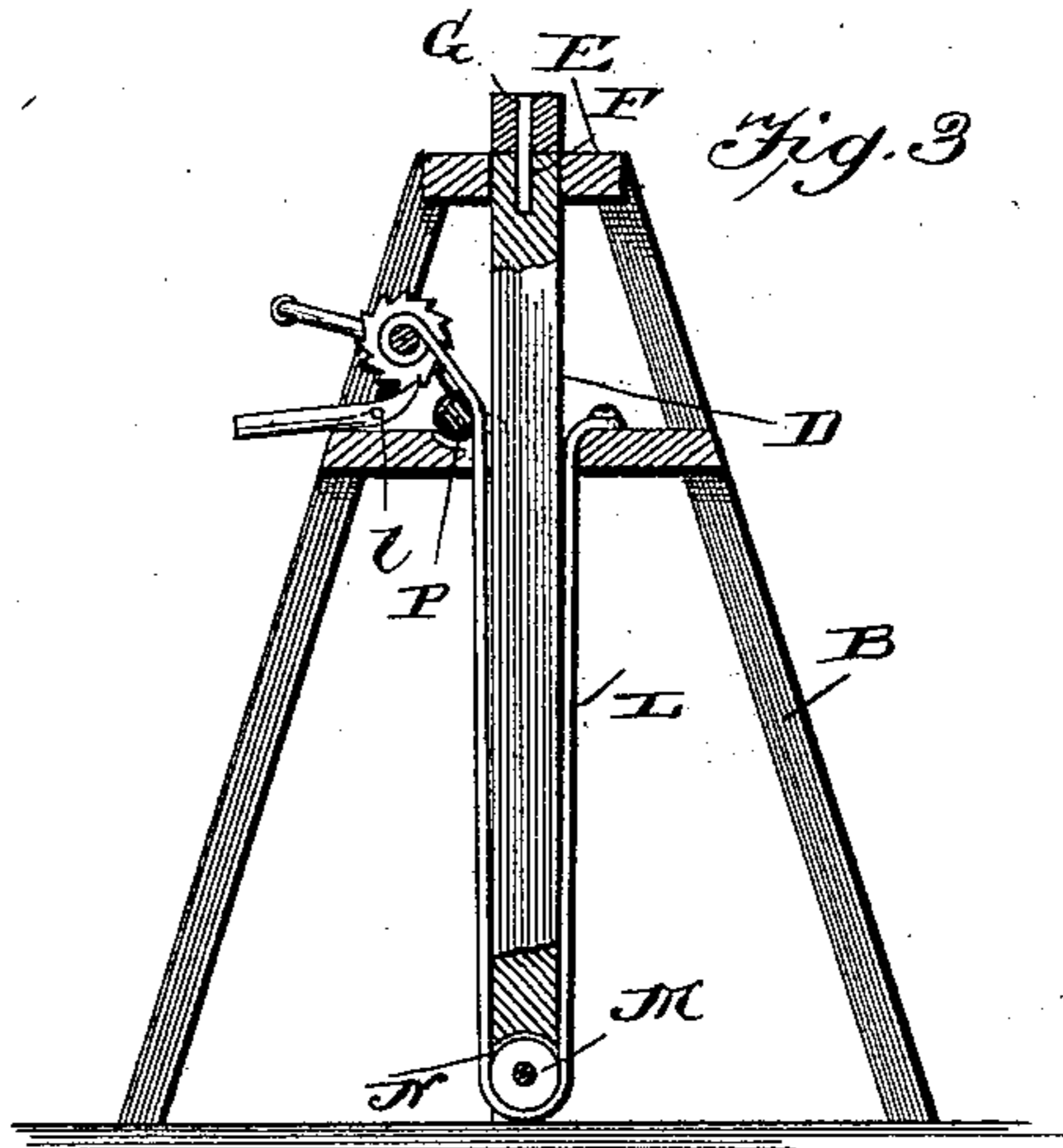
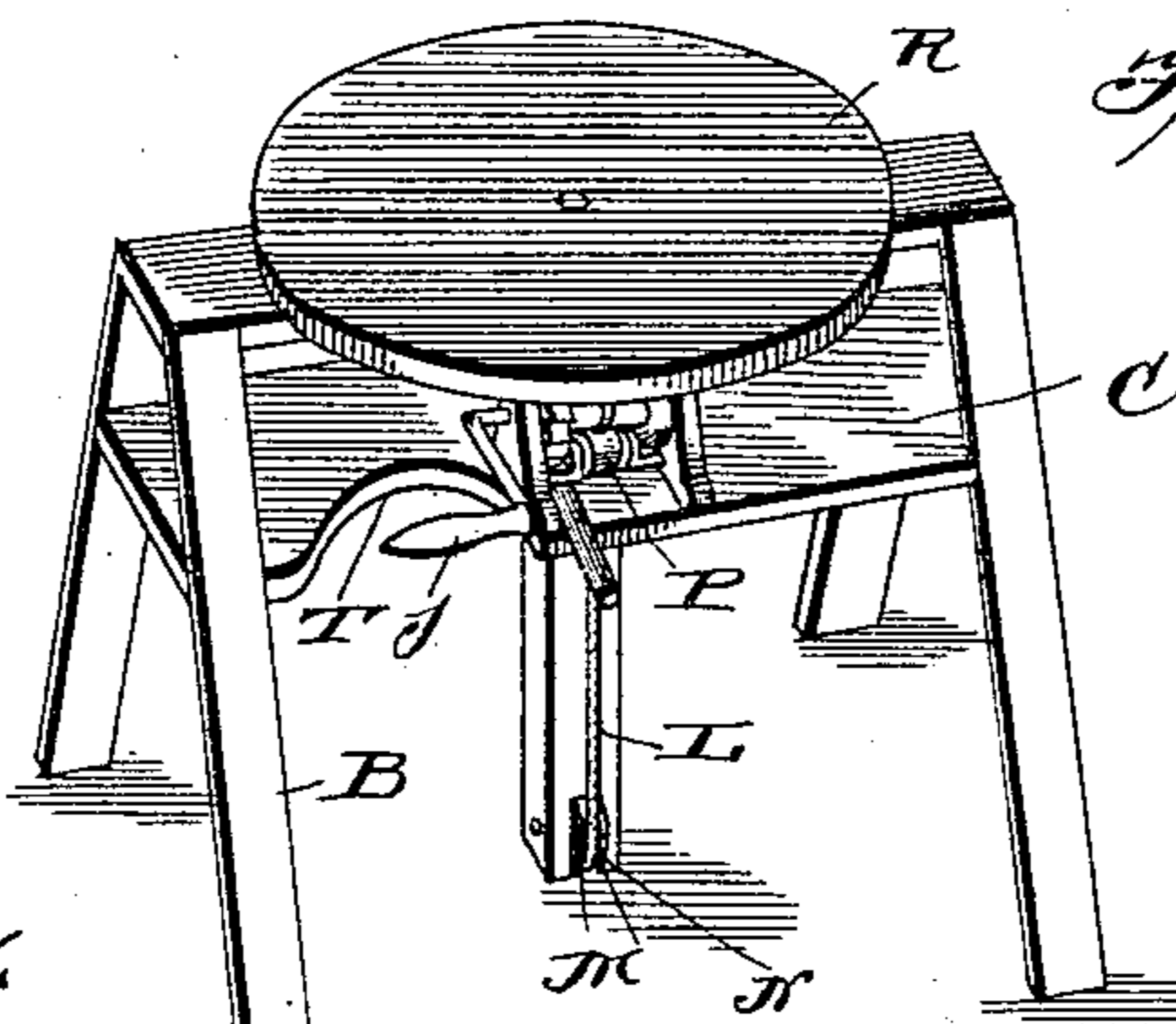


Fig. 4.



Witnesses:

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# UNITED STATES PATENT OFFICE.

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## ADJUSTABLE STAND FOR GOODS FORMS.

SPECIFICATION forming part of Letters Patent No. 460,640, dated October 6, 1891.

Application filed November 28, 1890. Serial No. 372,934. (No model.)

*To all whom it may concern:*

Be it known that we, JOHN M. HUFFER and ARTHUR B. BUEHL, of Kansas City, Jackson county, Missouri, have invented certain  
5 new and useful Improvements in Adjustable Stands for Dress-Goods Forms for Window-Dressing, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part  
10 hereof.

This invention relates to improvements in adjustable stands designed particularly for use in window-dressing; and it consists in the novel combination and arrangement of parts,  
15 as hereinafter fully described and claimed.

In the drawings, Figure 1 is a perspective view of the device, showing two stands connected by a suitable platform. Fig. 2 is an end view thereof. Fig. 3 is a central vertical  
20 section of one of the adjustable stands; and Fig. 4 is a perspective view of one of the stands with a circular board carried thereby, which form is preferable when a small table only is required.

Referring to the drawings by letter, A represents the upper cross-bar of the stand, to which are secured inclined legs B, one at each corner. A shelf or board C is secured between the said legs a short distance above  
30 the center thereof, and an aperture *c* is made in this shelf for the reception of a vertical bar D, carrying at its upper end a cross-bar E of the same length as the stand proper. The said bar D is preferably square or rectangular in cross-section to prevent its turning in the opening in the shelf C. A pin F is located in the top of bar D, and is adapted to enter a perforation in the cross-bar E, whereby the latter may be revolved. Brackets  
40 G and H are mounted on shelf C, in which is journaled a shaft or drum I, carrying a ratchet-wheel *i* and crank *j*. A gravity-pawl J is pivoted to bracket G by means of a pivot *l*, and the said pawl engages the teeth of the ratchet-wheel. A cord L is secured to shelf  
45 C by any suitable means and passes down through aperture *c*, and thence around a pulley M, journaled in a recess N at the lower end of bar D, and up on the other side of said  
50 bar to shaft I, to which it is secured. A friction-roller P is journaled in a small bracket

on shelf C, which guides the cord. One of the faces of bar D is provided with a scale Q, which will indicate the height to which the cross-bar E is raised.

In case only a small table is required, a disk R may be mounted on the stand; or, if a larger one is desired, two or more stands may be connected by means of a suitable platform S, as shown in Fig. 1.

A recess T is made in one side of shelf C to permit of the operation of the crank.

Having thus fully described our invention, what we claim is—

1. In an adjustable stand, a frame-work, in combination with a vertically-moving bar operating in apertures in the center thereof, devices carried by said frame-work to raise the bar and hold it in any desired position, and a table-top supported by said bar, substantially  
65 as described.

2. In an adjustable stand, a frame-work, in combination with a vertically-moving bar carried thereby, a cross-bar at the upper end of the same, a table-top supported by said cross-bar, a drum supported in bearings on the frame, and a cord secured thereto having connections with the vertical arm, whereby it is adapted to operate said vertical arm, substantially as described.

3. In an adjustable stand, a frame-work, in combination with a vertically-moving bar carried thereby, a cord secured to the frame-work and passing around the lower end of said bar, a shaft carrying a ratchet-wheel to which the opposite end of the cord is secured, and a pawl adapted to engage the teeth of said wheel, substantially as described.

4. In an adjustable stand, a frame-work, a vertically-moving supporting-bar operating in apertures in the center thereof, a table-top carried by said bar, a scale on one of the faces of the bar, and means to operate said bar, substantially as described.

5. In an adjustable stand, a frame-work, a vertically-moving bar carried thereby, a pulley at the lower end thereof, a cord secured to the frame-work and passing around said pulley, a shaft upon which the cord is adapted to be wound, a crank and a ratchet-wheel thereon, and a gravity-pawl engaging the teeth of said wheel, substantially as described.

6. In an adjustable stand, a frame-work consisting of a cross-piece E and legs to support the same, in combination with a shelf C, carried by said frame-work, a bar D, operating  
5 through an aperture therein, brackets on the said shelf, a shaft journaled therein, a ratchet-wheel on the said shaft, a pawl engaging the teeth thereof, and a cord passing around the lower end of bar D and secured at one

end to the shaft and at the opposite end to the frame-work, substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses.

JOHN M. HUFFER.  
ARTHUR B. BUEHL.

Witnesses:

GEOR W. BROWN,  
H. E. PRICE.