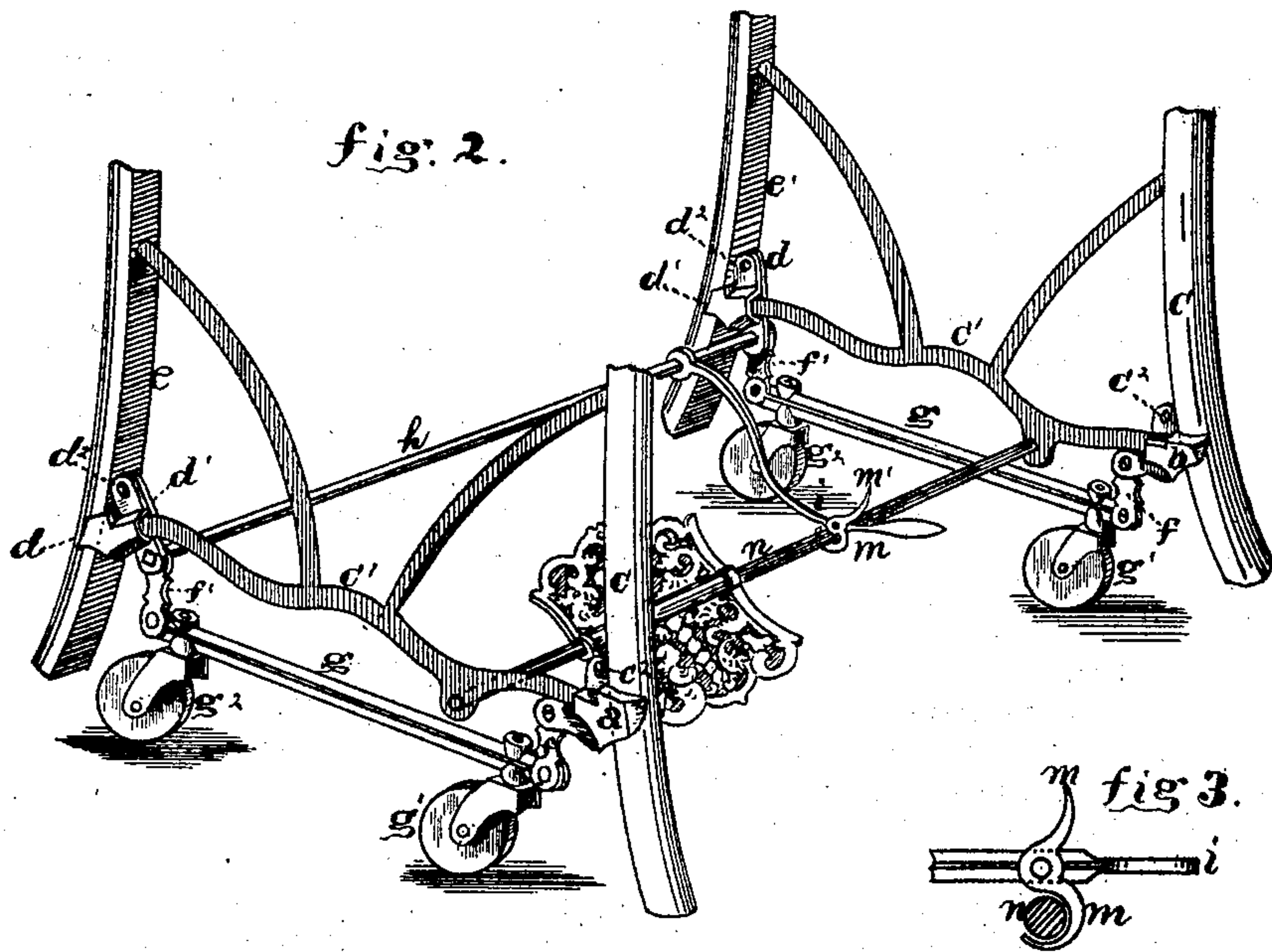
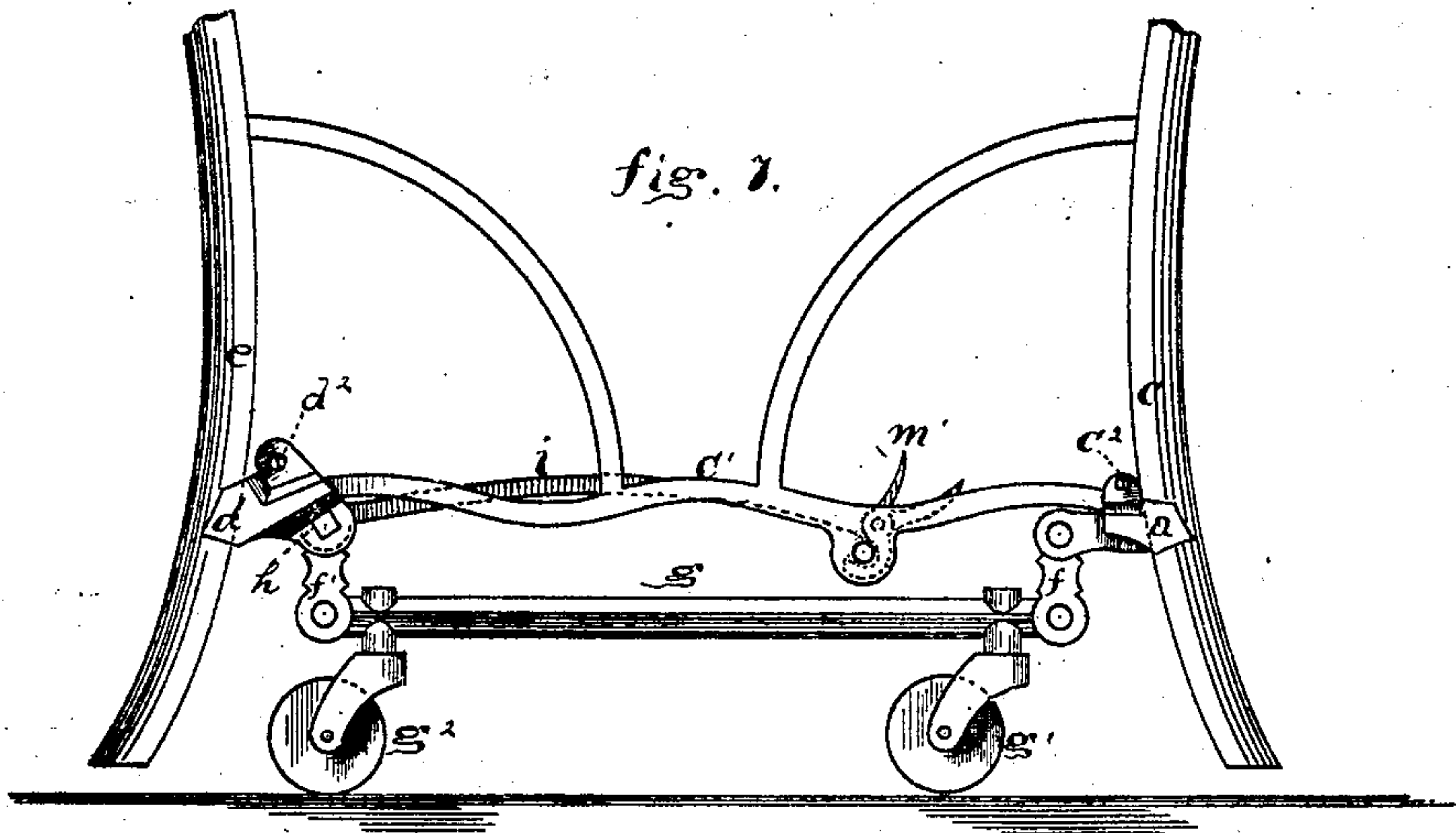


G. W. EDDY.
Sewing-Machine Casters.

No. 146,997.

Patented Feb. 3, 1874.



Witnesses

John Pollitt

Roswell W. Newton

Inventor

George W. Eddy
By Wm. E. Simonds
att

UNITED STATES PATENT OFFICE.

GEORGE W. EDDY, OF NEW BRITAIN, ASSIGNOR TO J. STANLEY ROOD, OF HARTFORD, AND ANNIE M. GOODWIN, OF PUTNAM, CONNECTICUT.

IMPROVEMENT IN SEWING-MACHINE CASTERS.

Specification forming part of Letters Patent No. **146,997**, dated February 3, 1874; application filed November 29, 1873.

CASE A.

To all whom it may concern:

Be it known that I, GEORGE W. EDDY, of New Britain, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Sewing-Machine Casters, of which the following is a specification, reference being had to the accompanying drawings, where—

Figure 1 is a side view of the improvements applied to the legs of a sewing-machine. Fig. 2 is a perspective view of the same. Fig. 3 is a detached view of the catch for holding down the operating lever.

The invention consists in a peculiar construction and arrangement of the operating parts, to wit: In two rods at the sides and foot of the table-legs, each bearing a caster near each end, and attached to the front legs through the medium of rocking arms and clamps, and to the rear legs through the medium of arms fast on a rock-shaft, which is hung by its ends in clamps taking hold of the legs, there being an operating lever attached to this rear shaft, whereby the same is partially rotated, and the machine-table raised upon or let off the casters.

The letters *a b* indicate the two leaves of a clamp, fitted to embrace the leg *c* and cross-brace *c'* at their junction, the two leaves being held together and their hold tightened by a screw, *c''*. Similar clamps embrace both the front legs of the machine. The letters *d d'* denote the two leaves of the clamp embracing each of the rear legs *a'*, and the cross-bar *c'*, held together and tightened by a screw, *d''*. To each of the front clamps is pivoted an arm, *f*. To each of the rear clamps is pivoted an arm, *f'*. The lower ends of the front and rear arms *f f'* are connected by the connecting-rods

g g pivoted to both the arms. At the front and rear ends of each of these rods is hung a caster, *g¹ g²*. The two arms *f' f'* instead of being pivoted directly to the rear clamps are rigid upon the rock-shaft *h*, which is square, or other than round, where it passes through the arms *f' f'*, so that these arms cannot turn upon this rod, and the ends of this rod has bearings in the rear clamps. On this bar or rock-shaft *h* is an operating lever, *i*. When this lever is down, as shown in the drawings, all the arms *f f' f' f'* are held nearly vertical, so that the table is supported upon the casters. If the lever *i* is allowed to rise, the weight of the machine will cause all the arms *f f'* to turn forward, and let the legs down upon the floor. There is a catch, *m m'*, pivoted to the lever *i*, the lower arm of which will catch under the rod *n*, when the operating lever is pressed down, and thus hold the machine suspended or supported upon the casters. The operator, by putting his foot on the front end of the operating lever, can at the same time press back the arm *m'* of the catch and disengage its hold from the rod *n*.

I claim as my invention—

The operating lever *i*, the rock-shaft *h*, the connecting-rods *g g*, the four casters *g¹ g¹ g² g²*, the arms *f f*, pivoted to the front table-legs through the medium of the clamps, and the arms *f' f'*, pivoted to the rear table-legs through the rock-shaft, all combined, arranged, and designed for operation, and substantially as shown and described.

GEORGE W. EDDY.

Witnesses:

WM. E. SIMMONDS,
JOHN POLLITT.