

J. A. STANSBURY.
Sewing-Machine Casters.

No. 146,289.

Patented Jan. 6, 1874.

Fig 1

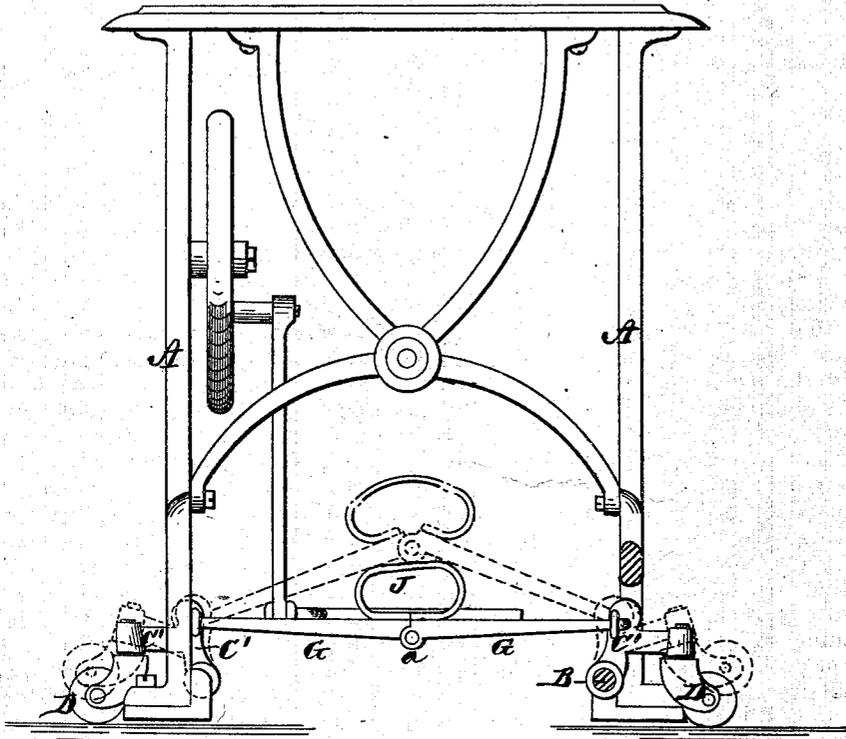


Fig 2

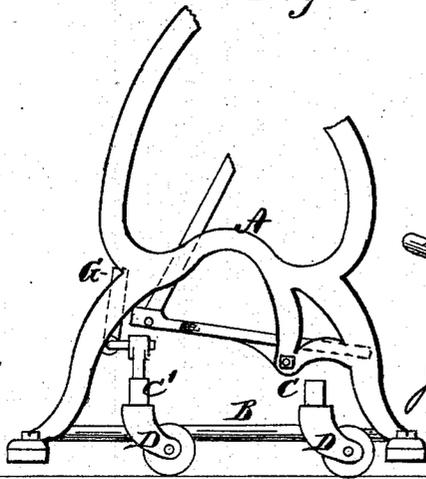
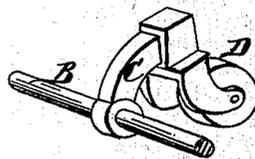


Fig 3



WITNESSES.
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UNITED STATES PATENT OFFICE.

JOSEPH A. STANSBURY, OF SALEM, OHIO, ASSIGNOR OF ONE-HALF HIS
RIGHT TO SOLOMON BLIM, OF SAME PLACE.

IMPROVEMENT IN SEWING-MACHINE CASTERS.

Specification forming part of Letters Patent No. **146,289**, dated January 6, 1874; application filed
December 27, 1873.

To all whom it may concern:

Be it known that I, JOSEPH A. STANSBURY, of Salem, in the county of Columbiana and in the State of Ohio, have invented certain new and useful Improvements in Adjustable Casters for Sewing-Machines, &c.; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of two rocking shafts attached to the lower part of the frame of a sewing-machine, to which suitable casters are attached by T-shaped and outward-extending arms. A jointed lever is connected to the two rocking shafts, so that the sewing-machine stand may be allowed to rest on its feet, or on the casters at will, all as more fully hereinafter set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a rear elevation of a sewing-machine stand with my invention attached thereto. Fig. 2 is a side view of the lower portion of the same, and Fig. 3 is a perspective view of one of the front casters.

A A represent the side pieces of a sewing-machine stand, constructed in any desired manner, and containing the usual treadle-shaft and treadle. In suitable bearings along each side piece A, at the lower end, is placed a shaft, B, which is allowed to rock in its bearings. Near the front end of each shaft B is secured an arm, C, which is curved outward, and has a caster, D, swiveled in its outer end. Near the rear end of each shaft B is secured another arm, C', which is T-shaped, as shown in Fig. 1, and has also a caster, D, swiveled in its outer end. The two arms C' C' are connected by means of two levers, G G, the outer ends of which are pivoted in the upper ends of the arms C', and the inner ends of the levers are

hinged together at *a*, as shown in Fig. 2. Over the hinge *a* passes a loop, J, made of leather or other suitable material, the ends of the loop being attached to the two levers, and the loop of such size that the operator can readily put his foot in the same.

The machine being on the casters, as shown in Fig. 1, and the levers G G pressed down to be on a straight line, the weight of the stand or machine keeps the hinge *a* locked. To throw the machine off from the casters, the operator has only to put his foot in the loop J, and pull upward on the same, when the joint *a* gets broken, and the levers, pulling inward upon the upper ends of the arms C' C', turn the shafts B B in their bearings, and allow the stand to sink down till the feet of the same rest on the ground, the casters D turning with the shafts out of the way. To throw the machine on the casters again, it is only necessary to press with the foot upon the inner ends of the levers G G downward until the joint *a* becomes locked, as above mentioned. The casters turning downward, raise the stand up.

On the levers G G are suitable shoulders, to butt against the side pieces, and insure the proper working on both sides of the device.

This device is simple, cheap in manufacture, easy to operate, and not liable to get out of order.

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

The combination, with a sewing-machine stand, of the rocking shafts B, T-shaped arms C', and outward-curved arms C, casters D, jointed levers G, and loop J, all constructed substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 27th day of December, 1873.

JOSEPH A. STANSBURY.

Witnesses:

J. M. MASON,

C. M. ALEXANDER.