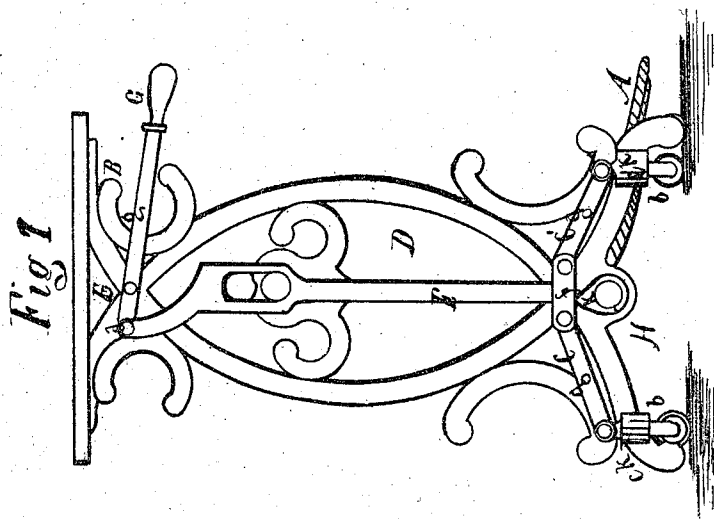
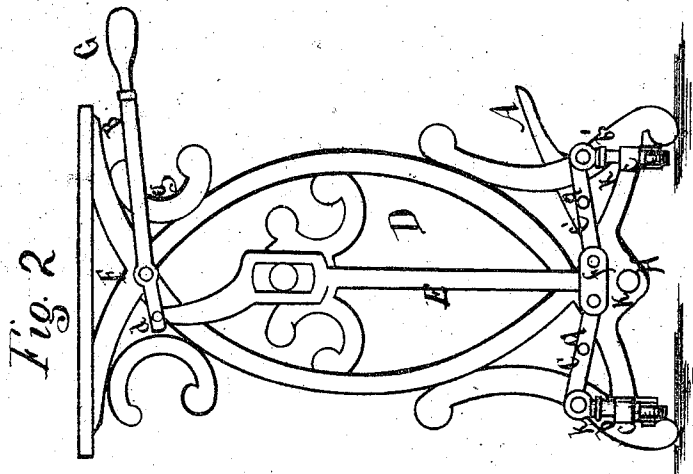


R. Hathaway.

Caster for Sewing-Machine.

N^o 75755

Patented Mar. 24, 1868.



Witnesses

Wm. H. Bradbury.
H. J. Emerson

Inventor

Richard Hathaway
by his atty
Gardner & Co

UNITED STATES PATENT OFFICE.

RICHMOND HATHAWAY, OF CHICOPEE, MASSACHUSETTS.

IMPROVED CASTER FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 75,755, dated March 24, 1868.

To all whom it may concern:

Be it known that I, RICHMOND HATHAWAY, of Chicopee, Hampden county, Commonwealth of Massachusetts, have invented a new and useful Improved Adjustable Caster for Sewing-Machines; and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the drawings, Figure 1 is a side view of my invention, and Fig. 2 a similar view of the same in a different position.

The object of this invention is to form a caster for a sewing-machine which can be brought in and out of play easily and conveniently, allowing the machine to be moved about upon rollers, and yet to set firmly upon the floor when in position.

In order to accomplish this, I form each set of casters at the sides of the machine upon an arrangement of shipping-levers, operated by a treadle and handle at one side.

In the drawings is shown the side having the treadle A and hand-lever B, which operate the shippers C and C'. These last consist of bars pivoted at their centers on each side of the center of the frames D, forming the legs of the table. The center pivots of the levers C and C' are fixed upon the frame at *a* and *a'*. On each side of the machine, on the outer ends of each respectively, are attached the shanks *b* and *b'* of the casters. These shanks work in guides *c* and *c'*, and are jointed at their upper ends to the outer ends of the levers C and C', as before stated. The levers C and C' are hinged at their inner ends to a vertical rod, E, which is attached at its upper end, at *d*, to the end of the handle-lever B, which is pivoted upon the frame of the machine at F.

When the rod E is pressed downward, by lifting up the handle G of the lever B the inner ends of the shippers C and C' are pressed down and the outer ends of the same lifted up, bringing with them the casters. This leaves the machine firm upon the floor and ready for use.

Upon the central shaft H, to which the treadle A is attached, is a cam, K, which is so formed and arranged upon the shaft that when the treadle is pressed down the "A"

cams upon the bottom surface of the rod E at the joint with the levers C and C', thus raising their inner ends and depressing the outer ones, and with them the casters, so that the machine is raised and rests upon the casters. A projecting stop, *f*, upon the bottom of the joint prevents the cam from passing the center.

This operation also, reversing the first operation mentioned, brings the handle G down, and its lever on the same side may then be latched under a notch, *g*, upon the frame, thus securely locking the shipping device and holding the machine upon the casters.

When it is desired to let it down upon its solid feet, this handle is moved aside out of the lock, and the weight of the machine will bring it down.

By this means I render the sewing-machine a portable piece of furniture, moved by rolling, as the ordinary articles of a room are, and yet allows it to be fixed firmly in a moment of time, by merely unlocking the hand-lever as described. At the joint of each caster with the levers C and C' is a shoulder, *i*, and a rubber washer, *k*, is put around the shank against it. This prevents any jar or wear between the shoulder and the top surface of the guide *c*, and also makes less noise in shipping.

It is not necessary that there should be a treadle at both sides of the machine, for the shaft H may be carried entirely across from side to side, and have a cam, K, for each set of shippers, and operated by one treadle.

The handle may also be rigid upon upon its pivot, which would consist of a cross-shaft, having a bearing at each side, and a corresponding lever upon one end, without the handle.

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

The arrangement of the levers C and C', with casters and connecting-rod E, combined with the hand-lever B and treadle A, with cam K, substantially as and for the purpose shown.

RICHMOND HATHAWAY.

Witnesses:

EDWARD H. HYDE,
WM. H. BRADBURY.