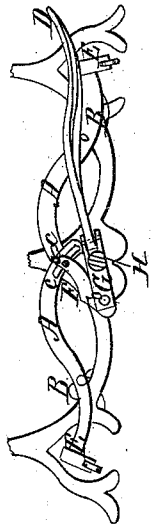
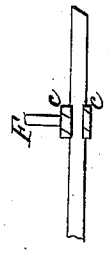
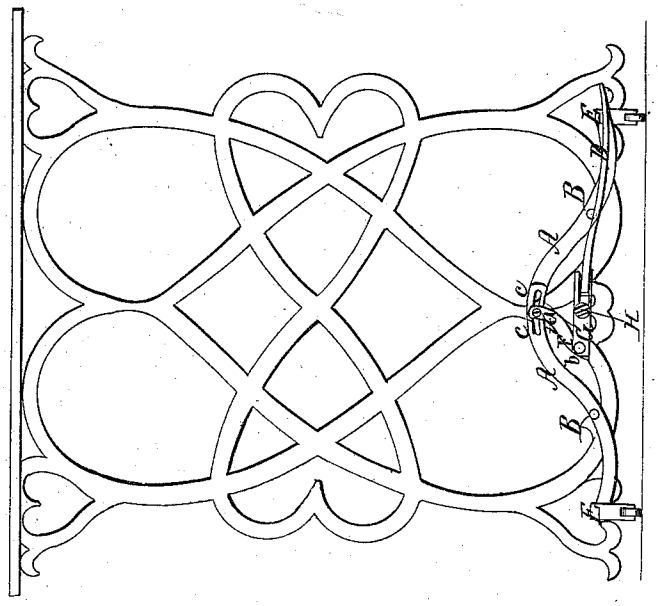
L. O. Allen,

Sewing Machine Caster.

No. 81,454. Patented Aug. 25. 1868.







Witnesses:
James L Johnson

L O Allen
by his attorneys
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UNITED STATES PATENT OFFICE.

LEVI O. ALLEN, OF GARDINER, MAINE.

IMPROVED CASTER FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **81,454**, dated August 25, 1868.

To all whom it may concern:

Be it known that I, LEVI O. ALLEN, of Gardiner, county of Kennebec, State of Maine, have invented a new and useful Improved Caster for Sewing-Machines, &c.; 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 a table for a sewing-machine with my improved caster, and Fig. 2 is a side view of the caster in another position; and Fig. 3 is a detailed view of a part of the same.

This invention consists of a peculiar arrangement of parts, by which the casters of a sewing-machine table are brought in and out of operation, so as to leave the table resting upon its legs on the floor or upon casters.

In construction, I form my casters E E upon the ends of adjustable legs A A, these legs being pivoted to the table-frame at B B, so that their inner ends, having slots C and C, cross each other and form a lap directly over the treadle-shaft H. By raising the inner slotted ends of the legs A and A, the outer ends, with the casters, are depressed, and allow the weight of the table to rest on them instead of its stationary rest. The device for operating these legs A and A with the casters consists of a treadle-lever, D, connected with the slotted ends of the legs A and A by means of a link, F, and fulcrumed upon the shaft H. When the lever D is pressed down by the foot, as shown in Fig. 1, it elevates the inner ends of the legs A A, as before mentioned, and the table is on the casters. In this case the lever D is hooked under the pin B′, pivoting the leg A on this side, it being extended out for the purpose. This keeps the lever D in place, and prevents the casters from pressing back. When, however, the lever D is raised, as shown in Fig. 2, letting the table down upon its own stationary rest, it is hooked over the pin B′, as shown in the figure.

In order to set the lever D in and out, in hooking it over and under the pin B′, it is necessary that it should have some lateral play. This is accomplished by means of the slotted clutch G, arranged upon the shaft H, and forming an extension for the lever D, which is pinned between its horns *c* and *c* at *f*. Where the slotted piece G passes over the shaft H, the latter is flattened, so that when the lever is raised or lowered the shaft H moves with it. This is necessary in order to move both sets of legs and casters at the two sides of the machine by one treadle, each side having a clutch, G, and the lever D being attached to either at *f*, as may be most convenient.

By this arrangement of parts, I obtain the advantage of operating both sides at once by means of a single lever, D, and, without any other motion than can easily be accomplished by the foot, bring the whole set of casters in play at a moment's notice.

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

The arrangement of the pivoted legs A and A with slots *c* and *c*, in combination with the link F, slotted clutch G, and lever D, substantially in the manner as herein shown, and for the purpose specified.

LEVI O. ALLEN.

Witnesses:
EDWARD H. HYDE,
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