H. A. Skinner's

Improved Sewing Machine Caster

No. 120,783. Patented Nov. 7, 1871.

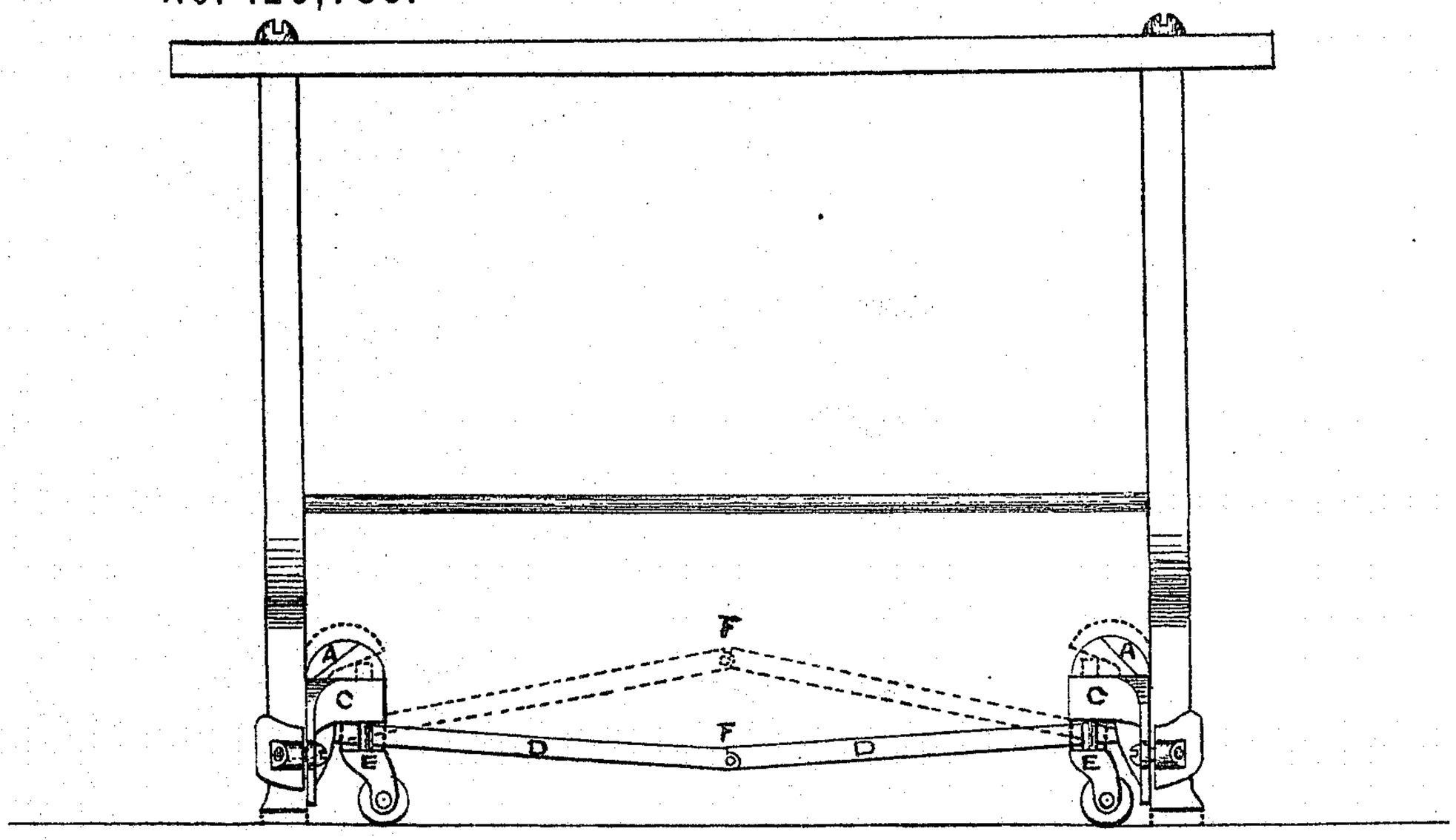

Fig. 1.

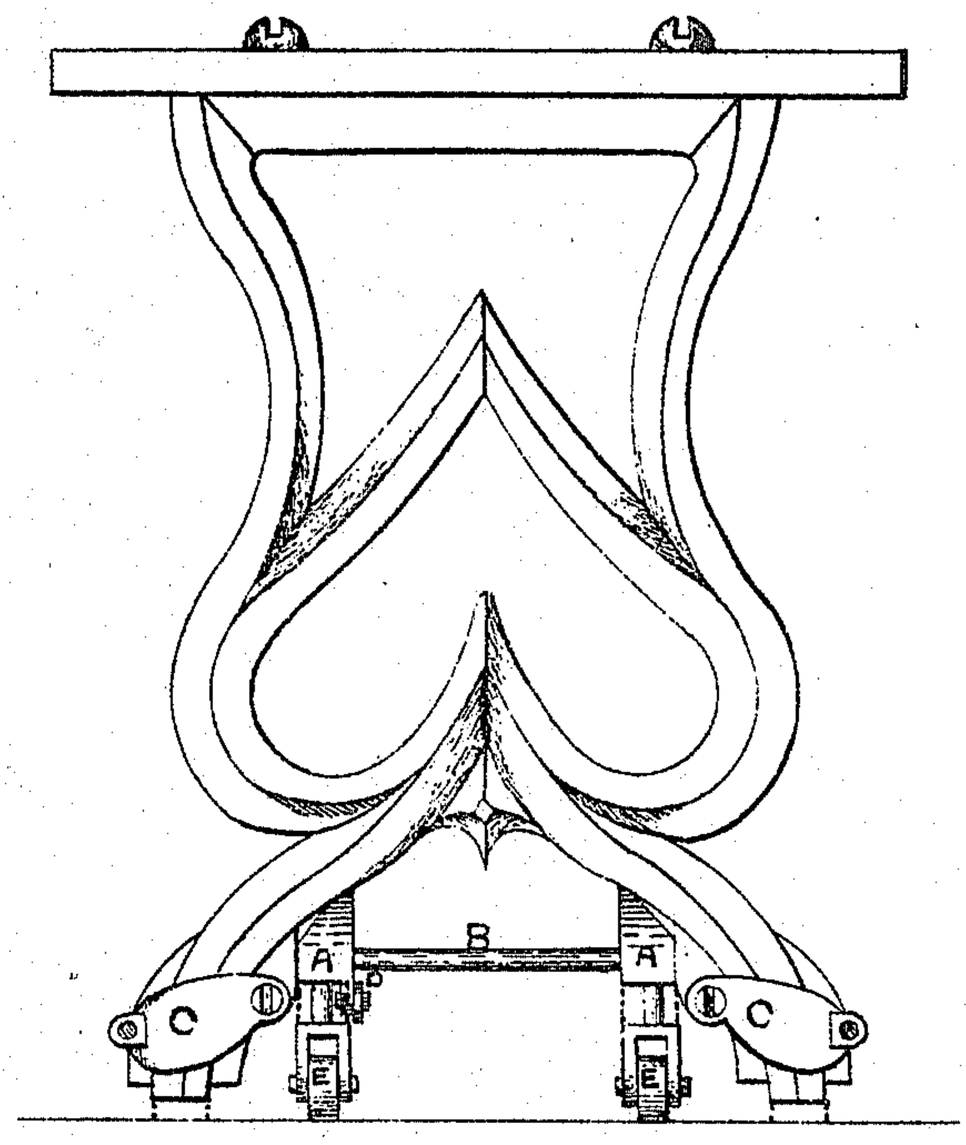

Fig. 2.

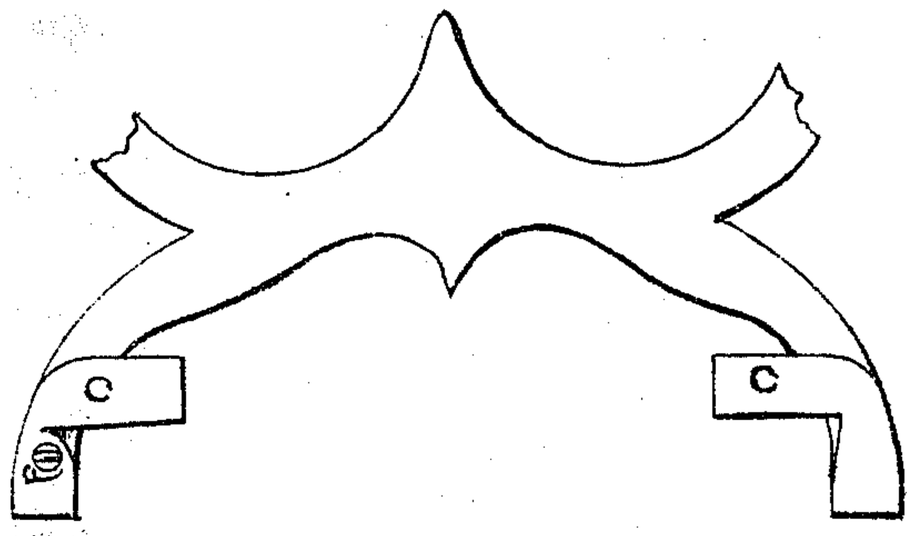

Fig. 3.

Inventor Henry A. Skinner Witnesses { Henry F. Leland, Alexander Marsh

UNITED STATES PATENT OFFICE.

HENRY A. SKINNER, OF WORCESTER, MASSACHUSETTS, ASSIGNOR TO HIMSELF, JOHNOTHAN LUTHER, AND MOSES W. WHEELER, OF SAME PLACE.

IMPROVEMENT IN CASTERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 120,783, dated November 7, 1871.

To all whom it may concern:

Be it known that I, HENRY A. SKINNER, of the city and county of Worcester, and Commonwealth of Massachusetts, have invented certain new and useful Improvements in Casters for Sewing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 represents a side view of my improvement applied to a sewing-machine frame. Fig. 2 represents an end view of the same. Fig. 3 represents two different modes of securing the appliance to the frame of the machine.

To enable those skilled in the art to make and use my invention, I will proceed to describe it more fully.

This invention relates to the combination of four cams on and near the ends of two rods extending from one leg to the other across each end of the frame of a sewing-machine, and two levers, which are attached to the cams at right angles from their connection on the rod, operating the four cams simultaneously upon the four pivots of the casters, thus raising the machine from its feet upon the casters to be rolled around or lowered again to stand firmly on its feet.

In the drawing, A A A A represent four cams fastened on and near the ends or bearings of the rods B B. The ends of these rods are held in the bearings C C C C. These bearings are secured to the legs of the sewing-machine frame either by clasping, as seen in Fig. 2 at C C, or by bolt, as seen at *a*, Fig. 3; or they may be cast on the frame, as seen at C, Fig. 3. D D represent two levers fastened to the two cams on the back side of the machine frame, and pivoted together midway at F, so that they can be raised above or pressed below the line between the two cams, as seen by the drawing and dotted lines. The levers D D are fastened to the cams at right angles from the rods in the cams, so that the cams are rotated up or down by the depression or elevation of the levers D D. The cams bear simultaneously on the pivots of the four casters E E E E, so that by the simple operation of the levers D D the machine or table is raised upon the rollers of the casters to be rolled around to suit one's convenience without the trouble of lifting the machine, or it may as readily be lowered to stand firmly on the feet of the table. The bearings C C C C serve to hold both the casters E and the ends of the rods B. The casters are held in their sockets by a chisel-cut on the inner side on the pivot, or they may be pinned to move in their places up and down the required distance in the socket of the bearing.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of the cams A A A A, each pair coupled by the rods B B, with the single toggle-lever D D operating the casters E E E E by one movement, substantially as shown and described, and for the purpose set forth.

Worcester, August 22, A. D. 1871.

HENRY A. SKINNER.

Witnesses:

HENRY F. LELAND,

ALEXANDER MARSH.

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