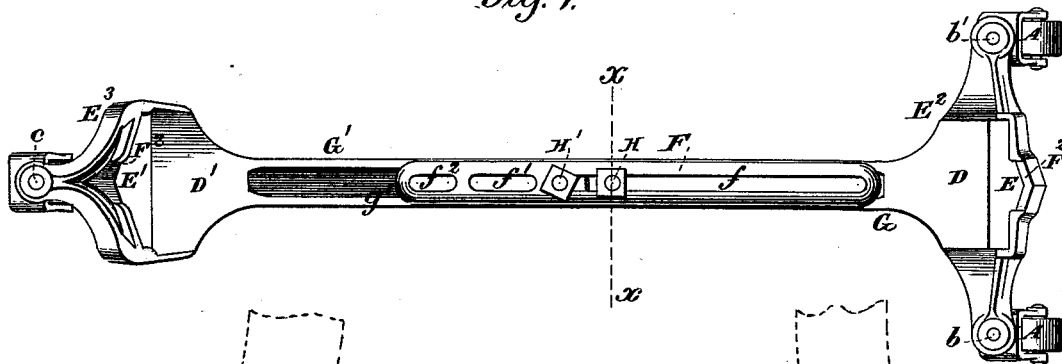


J. O. SLOAN.  
Sewing-Machine Caster.

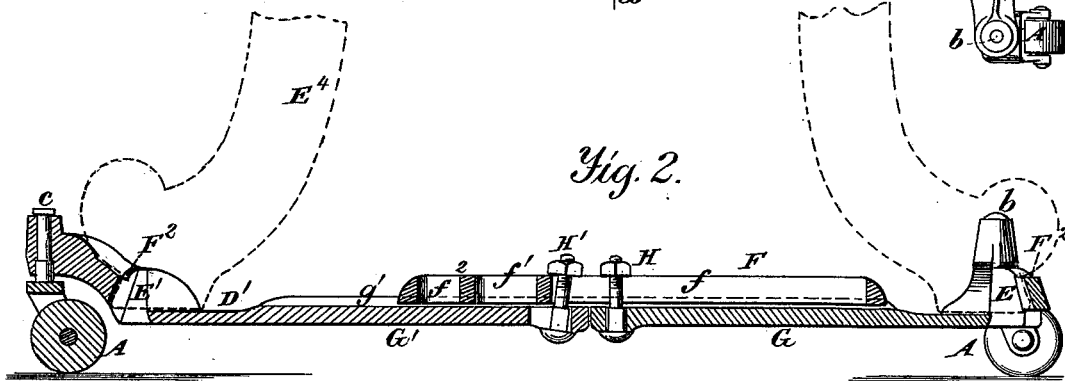
No. 213,844.

Patented April 1, 1879.

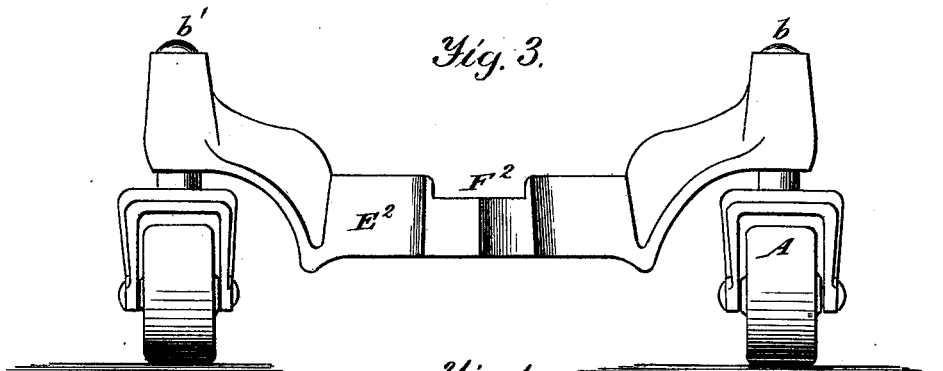
*Fig. 1.*



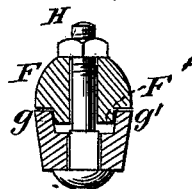
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



*Witnesses.*

*A. Rupert,*

*J. M. Mason*

*J. O. Sloan*  
*Inventor.*

*D. P. Holloway & Co*  
*Attys*

# UNITED STATES PATENT OFFICE.

JOHN O. SLOAN, OF CINCINNATI, OHIO.

## IMPROVEMENT IN SEWING-MACHINE CASTERS.

Specification forming part of Letters Patent No. **213,844**, dated April 1, 1879; application filed January 20, 1879.

*To all whom it may concern:*

Be it known that I, JOHN O. SLOAN, of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Sewing-Machine Casters; and do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 is a plan view of one end of a six-wheel caster for sewing-machines, showing my invention. Fig. 2 is a vertical longitudinal section of the same. Fig. 3 is an end view of the same. Fig. 4 is a section on line *x x* of Fig. 1.

Identical parts in the drawings are designated and referred to by the same letters.

My invention relates to casters for sewing-machines; and it consists in a frame for the casters so constructed as to be adapted to receive and embrace rigidly the feet of the various sewing-machines, as will more fully hereinafter appear.

A are caster-wheels, provided with the usual form of stems, which are inserted in the sockets prepared for them in the frame-pieces, as shown at *b b'* and *c*. D and D' are platforms, upon which the feet of the sewing-machines rest. E E<sup>1</sup> are notches or angles formed in the end pieces E<sup>2</sup> E<sup>3</sup> of the platforms to receive the outer side of foot or legs of the sewing-machine.

F<sup>2</sup> are notches cut in the upper side of the end pieces, central with the notches E E<sup>1</sup>. These notches are to allow the application of my improved six-wheel caster to the American button-hole machines, and such other machines that may be constructed with projections on the legs similar to those as represented by the dotted lines E<sup>4</sup>.

F is a coupling-bar, provided with the slots *f f'* and the tongue F<sup>1</sup>. G G' are arms extending from the platforms D D', and are provided with the flanges *g g'*, and so constructed and arranged that the tongue F<sup>1</sup> will fit and freely move therein. H H' are bolts, placed in holes properly formed in the ends of the arms G G', which bolts pass through the slots in the coupling-piece F.

The operation of my invention is as follows: Place the feet of the sewing-machine to which it is to be applied upon the platforms D D', extending the arms G G' sufficiently to embrace the feet of the machine upon their outer sides, placing the legs or feet in the notches E E<sup>1</sup>, adjusting the coupling-piece in a proper position, closing the end pieces firmly against the legs and slightly tightening the nut of the bolt H, set the bolt H' inclined, as shown in the drawings, and tighten its nut rigidly, which will tighten the end pieces firmly upon the legs of the machine, after which the bolt H should be properly tightened, thus clamping the frame of my casters firmly to the machine.

The inside of the end pieces or flanges of the platforms D D' are inclined, so that their upper edges will overreach or embrace the feet of the sewing-machine, and thus more perfectly secure a rigid attachment for my caster-frame to the sewing-machines.

I am aware that heretofore six-wheel casters have been applied to sewing-machines.

In my patent of August 4, 1874, No. 153,728, I attempted to accomplish the results attained by this invention; but I have discovered in operating the said patent that I could not apply my casters to many machines, which I am now, by my present invention, enabled to do.

What I claim as new, and which I desire to secure by Letters Patent, is—

1. In a frame for attaching caster-wheels to sewing-machines, the platforms D D', provided with the end-pieces E<sup>2</sup> E<sup>3</sup> and the angles or notches E E<sup>1</sup> and the notches F<sup>2</sup>, as and for the purposes substantially as set forth.

2. In a frame for attaching caster-wheels to a sewing-machine, the platforms D D', provided with end pieces E<sup>2</sup> E<sup>3</sup> and angles or notches E, E<sup>1</sup>, and F<sup>2</sup>, and stems G G', provided with flanges *g g'*, in combination with the coupling-piece F, provided with the tongue F<sup>1</sup>, as and for the purposes substantially as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JOHN O. SLOAN.

Witnesses:

P. KIEHBORTH,  
D. W. BROWN.