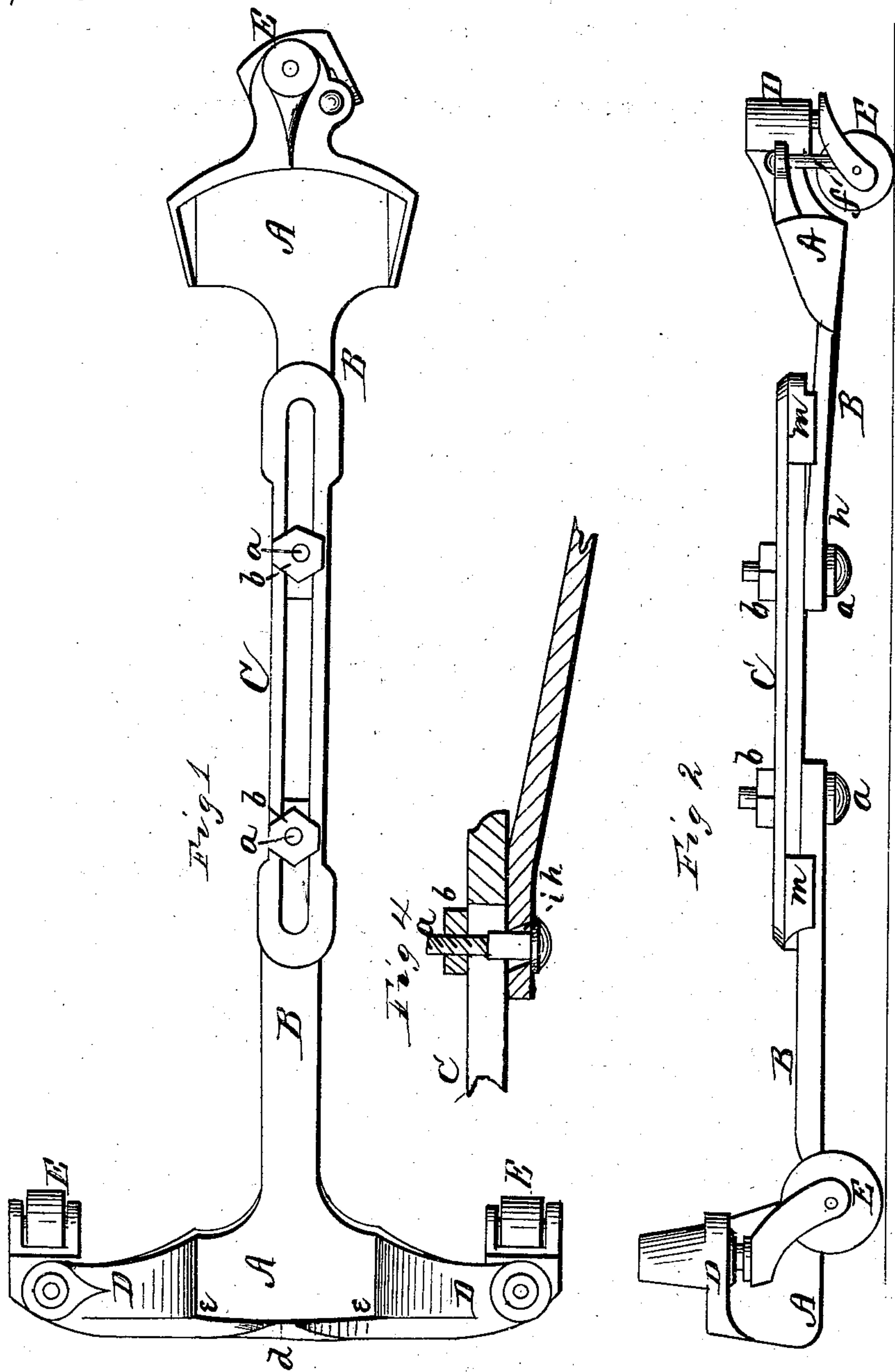


J. O. SLOAN & Q. A. FISK.
Sewing-Machine Casters.

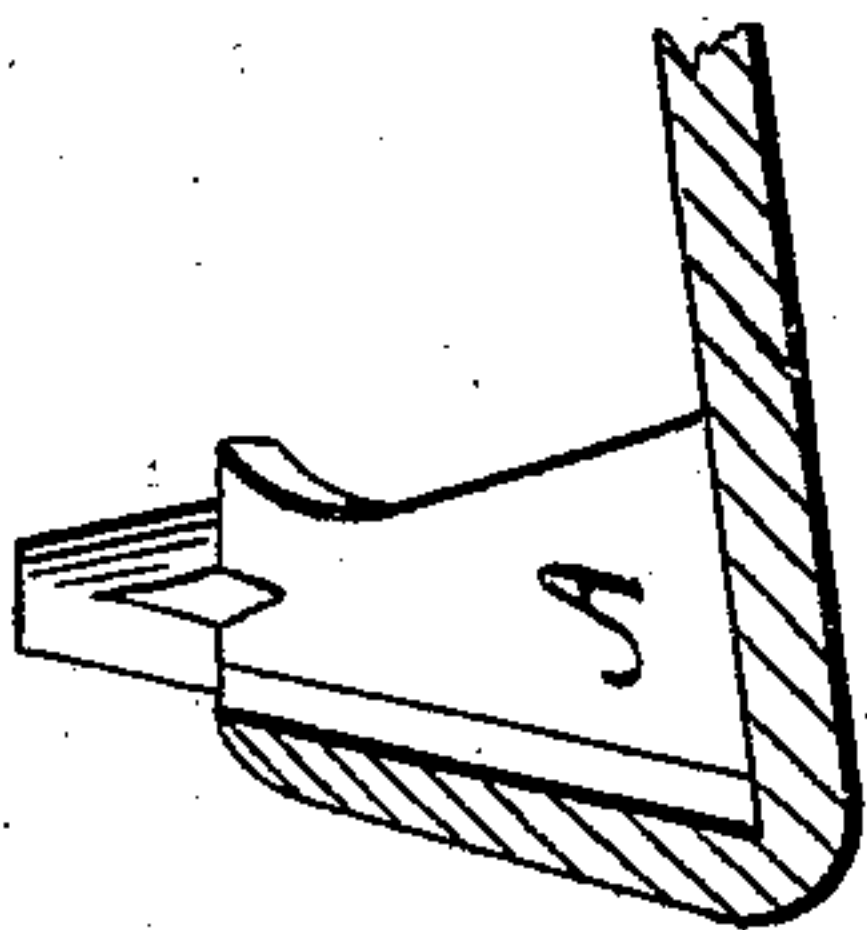
No. 153,728.

Patented Aug. 4, 1874.



WITNESSES.
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Fig 3



By

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John O. Sloan
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UNITED STATES PATENT OFFICE.

JOHN O. SLOAN AND QUINCY A. FISK, OF CINCINNATI, OHIO.

IMPROVEMENT IN SEWING-MACHINE CASTERS.

Specification forming part of Letters Patent No. **153,728**, dated August 4, 1874; application filed March 26, 1874.

To all whom it may concern:

Be it known that we, JOHN O. SLOAN and QUINCY A. FISK, of Cincinnati, in the county of Hamilton and in the State of Ohio, have invented certain new and useful Improvements in Casters for Sewing-Machines; 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.

Our invention relates to caster attachments for sewing-machines, which may be attached and detached at pleasure; and it consists, first, in the construction of the foot-rests, having their outward flanges projecting inward and the two corners at the base of the foot-rest contracted, for the purpose of clamping the foot of the machine and preventing any side movement of the same; secondly, in the combination, with the foot-rests having one or more arms and one or more casters, of inclined arms bent near their ends, and provided with inclined or enlarged bolt-holes, a slotted bar with ears at its ends, and bolts for fastening them together.

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

Figure 1 is a plan view, and Fig. 2 a side elevation, of our caster attachment. Figs. 3 and 4 are sections of certain parts thereof.

Our caster attachment for sewing-machines consists of two sets like the one shown in the drawing. Each set consists of two foot-rests A A, each having an inward projecting arm, B, and a longitudinally-slotted center-bar, C, united to the arms B B by bolts *a* and nuts *b*. Each foot-rest A is provided with one or two arms, D, for holding the stems of ordinary casters E E. The feet of the sewing-machine are placed upon the platforms or foot-rests, the ends drawn close to the feet of the machine, and the bolts made tight, and it is ready for use, enabling the operator to move the machine on the casters to any part of the house, or into any position for convenience, and to remain on the machine while in use. The ends of the platforms or foot-rests A A

are closed, as shown in Fig. 3, and their inner sides slant a little from the perpendicular inward into the foot or leg of the machine, so as to clamp and hold the foot tight and prevent the attachment from dropping off when the machine is being handled. These ends are also deeper in the center at *d*, or filled in at the corners at *e e*, so as to clamp the foot and prevent it from moving horizontally or sidewise, as some feet are wider than others. In either arm D is a hole for the insertion of a pin, *f*, to come down along the side of the caster, to prevent the machine from moving or rolling when sewing with it. The bolt-hole *i*, in the end of one of the arms B, is made beveled inward, as shown in Fig. 4, making a draw-bolt of the bolt passing through it, for the purpose of drawing the end pieces tight to the foot. It is used by loosening both bolts and placing the casters onto the feet of the machine, with the end of the slotted bar C resting close to the draw-bolt, the nut of the draw-bolt to be made very loose, which will lean this bolt toward the other bolt. Then draw the ends to the foot as close as possible, by hand, and tighten the nut on the other bolt first, and by then tightening the nut on the draw-bolt it will be drawn straight, thereby forcing the end pieces hard against the foot of the machine. The inner end of one or both of the arms B is bent at *h*, as shown in Figs. 2 and 4, the bolt going through the extreme end. By this construction the heads of the bolts and the center of the attachment are raised up, so that they will not catch or rub on the floor or carpet when moving. At the ends of the slotted center-bar C are downward-projecting side flanges *m m*, which fit over the sides of the arms B B.

The number of casters in this attachment is immaterial. We may use one caster at one end and two at the other, as represented in the drawing, or we may use two at each end.

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

1. The foot-rests A, having their outward flanges projecting inward and the two corners at the base of the foot-rest contracted, as shown at *e e*, for the purpose of clamping the foot of the machine and preventing any side

movement of the same, substantially as and for the purposes herein set forth.

2. The combination, with the flanged foot-rest A having one or more arms, D, and one or more casters, E, of the inclined arms B B, constructed with bends *h* and inclined or enlarged bolt-holes *i*, the slotted bar C having ears *m m*, and the bolts and nuts *a b*, all constructed substantially as and for the purposes herein set forth.

In testimony that we claim the foregoing we have hereunto set our hands this 13th day of March, 1874.

JOHN O. SLOAN.
QUINCY A. FISK.

Witnesses:

PH. DOLLE,
J. H. WESTMEIER.