N. D. Stoops.

Carriage & Caster for Sewing Mach.

No 48,852. Patented July 18. 1865.

Fig. 1.

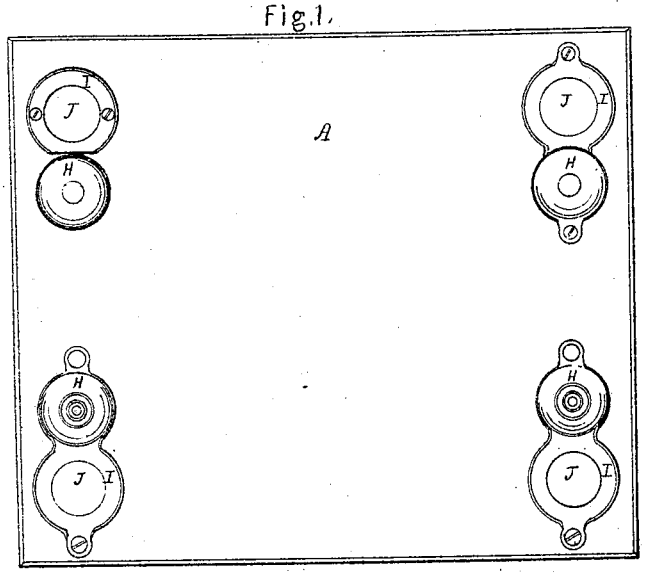


Fig. 2.

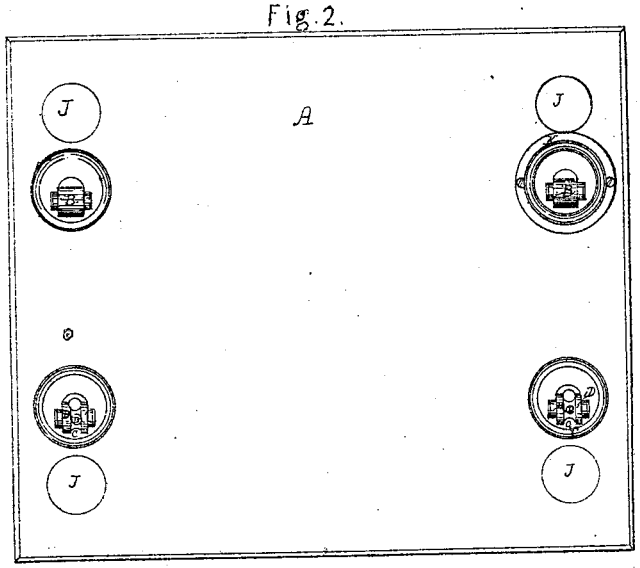


Fig. 4.

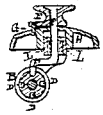


Fig. 5.

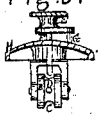
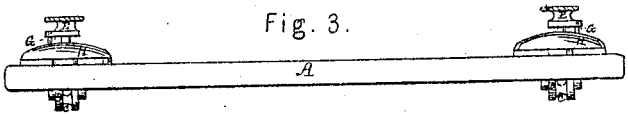


Fig. 3.



Witnesses:
S. J. Gordon
John P. Craighead

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UNITED STATES PATENT OFFICE.

NESBITT D. STOOPS, OF NEWARK, NEW JERSEY.

CARRIAGE AND CASTER FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **48,852**, dated July 18, 1865.

To all whom it may concern:

Be it known that I, NESBITT D. STOOPS, of Newark, Essex county, and State of New Jersey, have invented a new and useful Portable Carriage and Caster for Sewing-Machines; and I hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, and the letters of reference marked thereon, in which the same letter represents the same thing in each figure.

Figure 1 is a top view of my improved carriage; Fig. 2, an under-side view; Fig. 3, a front elevation; Fig. 4, a sectional view of the caster, showing the spring-check in action; Fig. 5, a sectional view of the caster, showing the spring-check out of action.

A represents the base of the carriage or platform; B, the caster; C, the groove therein; D, the socket; E, the lifting-knob; F, the pawl; G, the holding-pin; H, the caster-frame; I, the flange of the foot-socket; J, the foot-socket; K, the under flange of the caster-frame; L, the spiral spring.

The object of my invention is to supply a convenient means of moving a sewing-machine from place to place without lifting it or substantially raising the height of the table of machines already in the market, and at the same time securing the machine from rolling or slipping away from the operator when in use, which has been the great objection heretofore to using casters in connection with sewing-machines.

The operation of my improvement is as follows: Place the legs or feet of a skeleton-frame sewing-machine in sockets J J, which will bring the bottom of the foot even with or lower than the bottom of the platform. If you wish to move the machine, raise lifting-knob E, so as to bring pin G out of the recess in the top of caster-frame H, in which it rests, (see Fig. 4;) turn the knob sufficiently to clear the pawl F from groove C of caster B, and then, releasing the knob, it will hold its place by the force of spiral spring L in another slight recess in the caster-frame and prevent the knob from turning and allowing the pawl to drop while the machine is being moved about. The casters are now free to roll in any direction. To lock or secure them so they will not move, all that is necessary is to relift knob E and turn it back until pin G falls into the recess in caster-frame H first before mentioned, when spiral spring L will force pawl F downward, and as the caster B revolves it will presently catch in recess D, of which there are several in the circumference of groove C, which groove always keeps the pawl in the line of the holes and prevents it from swinging sidewise when lifted by knob E and the knob turned.

I have shown two ways of mounting this improved caster, one uniting the socket for the feet of the machine and the other having them separate. It will be sufficient to secure the immobility of the machine to have two of the casters provided with the locking-pawl and apparatus I have described.

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

1. The apparatus described for mounting a skeleton-frame sewing-machine upon a carriage, substantially in the manner and for the purposes explained.

2. Constructing a caster so as to lock and unlock, substantially in the manner and for the purpose described.

3. Socket J, when used for the mounting of a skeleton-frame sewing-machine on a carriage to prevent undue elevation of the machine.

4. Caster-frame H, so constructed as to support the caster above the top of the platform, and also to prevent undue elevation of the machine by letting the caster up into the platform.

5. The combination of platform A, caster B, pawl F, socket J, and caster-frame H, or their equivalents, constructed and operating together substantially as described.

NESBITT D. STOOPS.

Witnesses:

S. J. GORDON,

JOHN P. CRAIGHEAD.