

H. S. CASS.
Sewing-Machine Caster-Platforms.
No. 151,841. Patented June 9, 1874.

Fig. 1

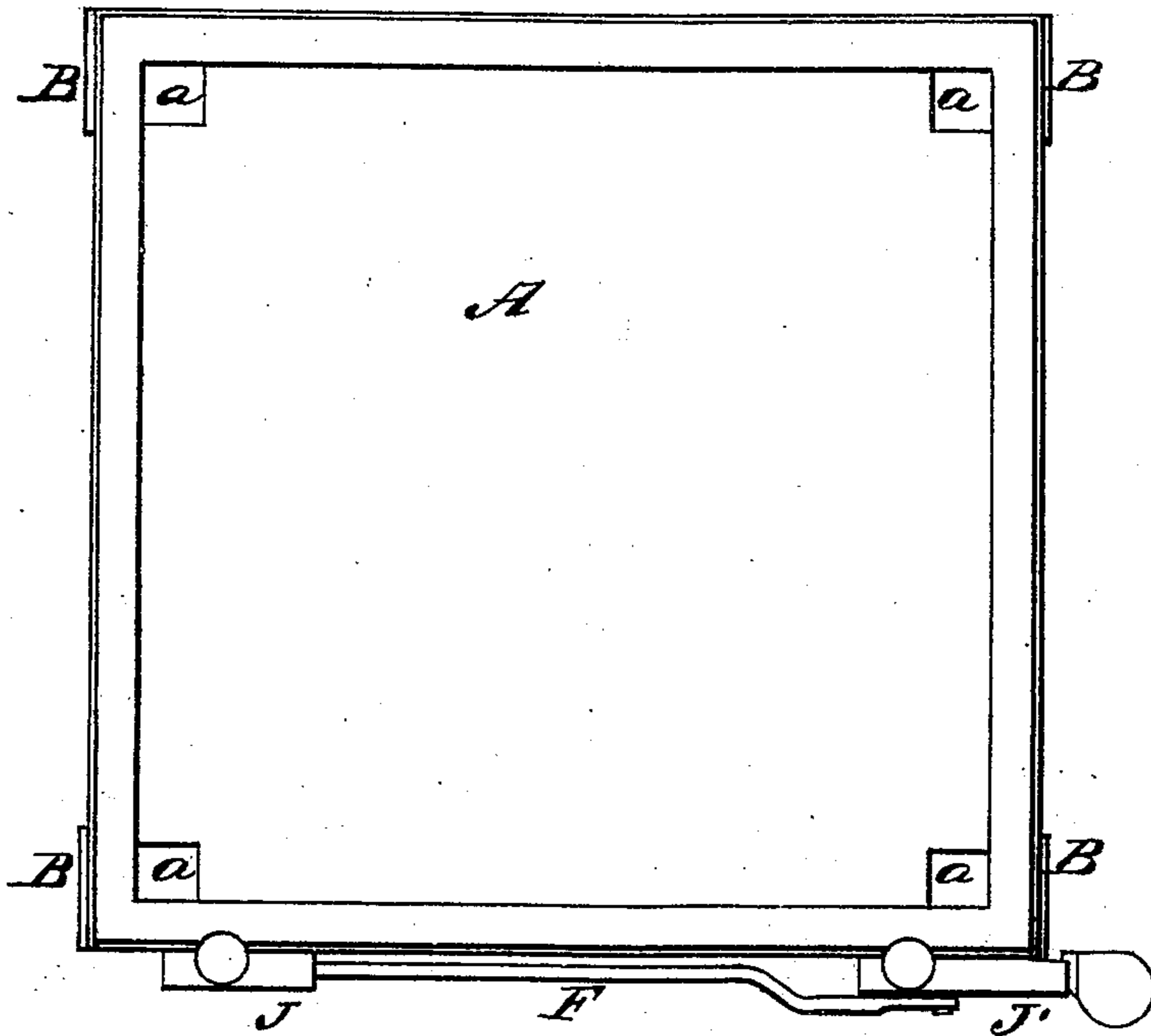


Fig. 2

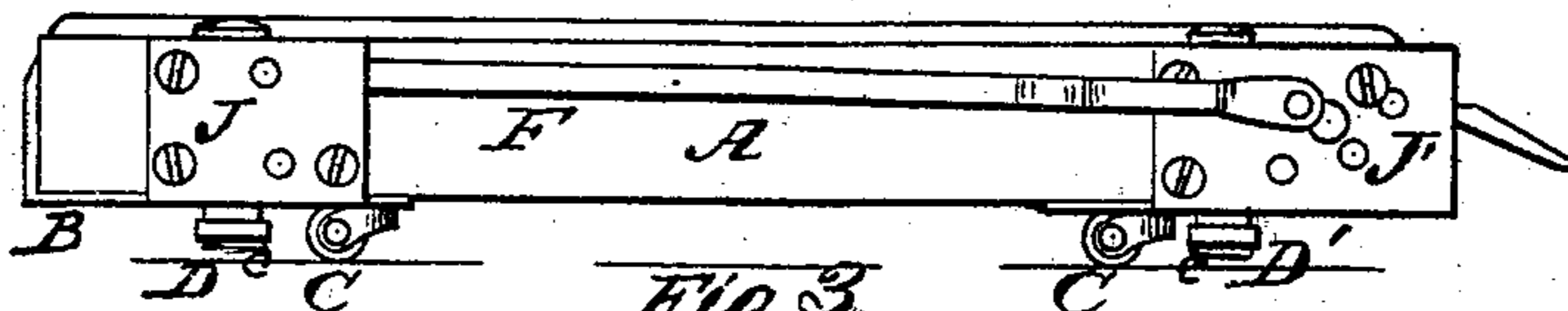


Fig. 3

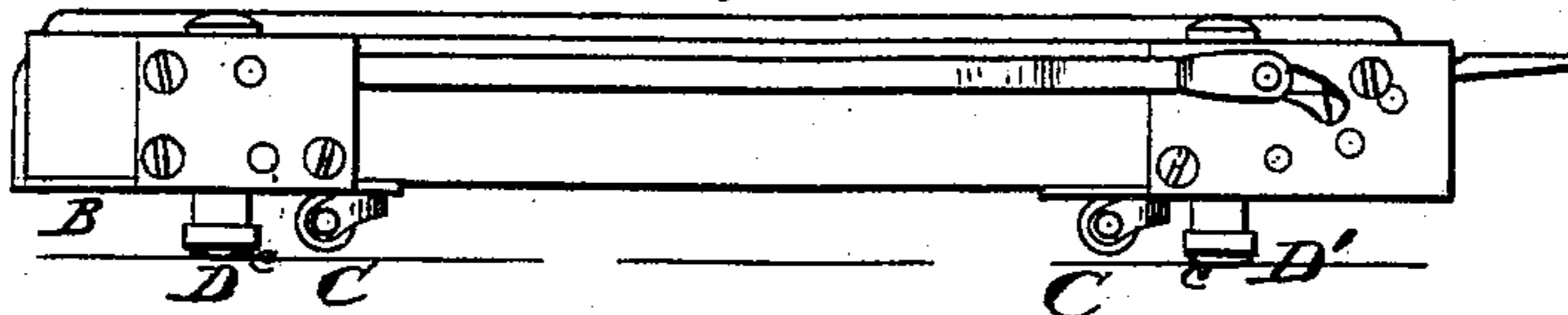


Fig. 4

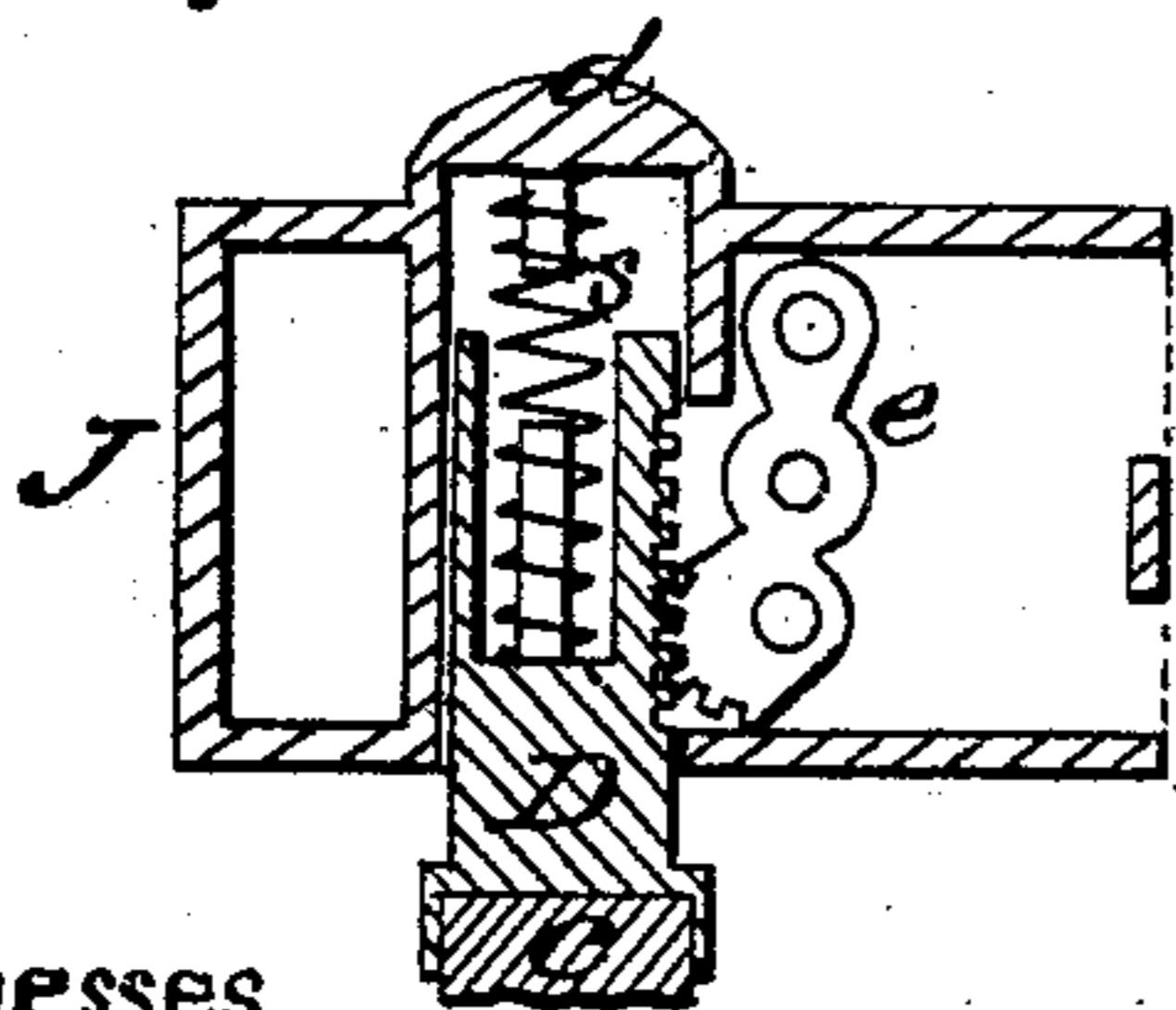
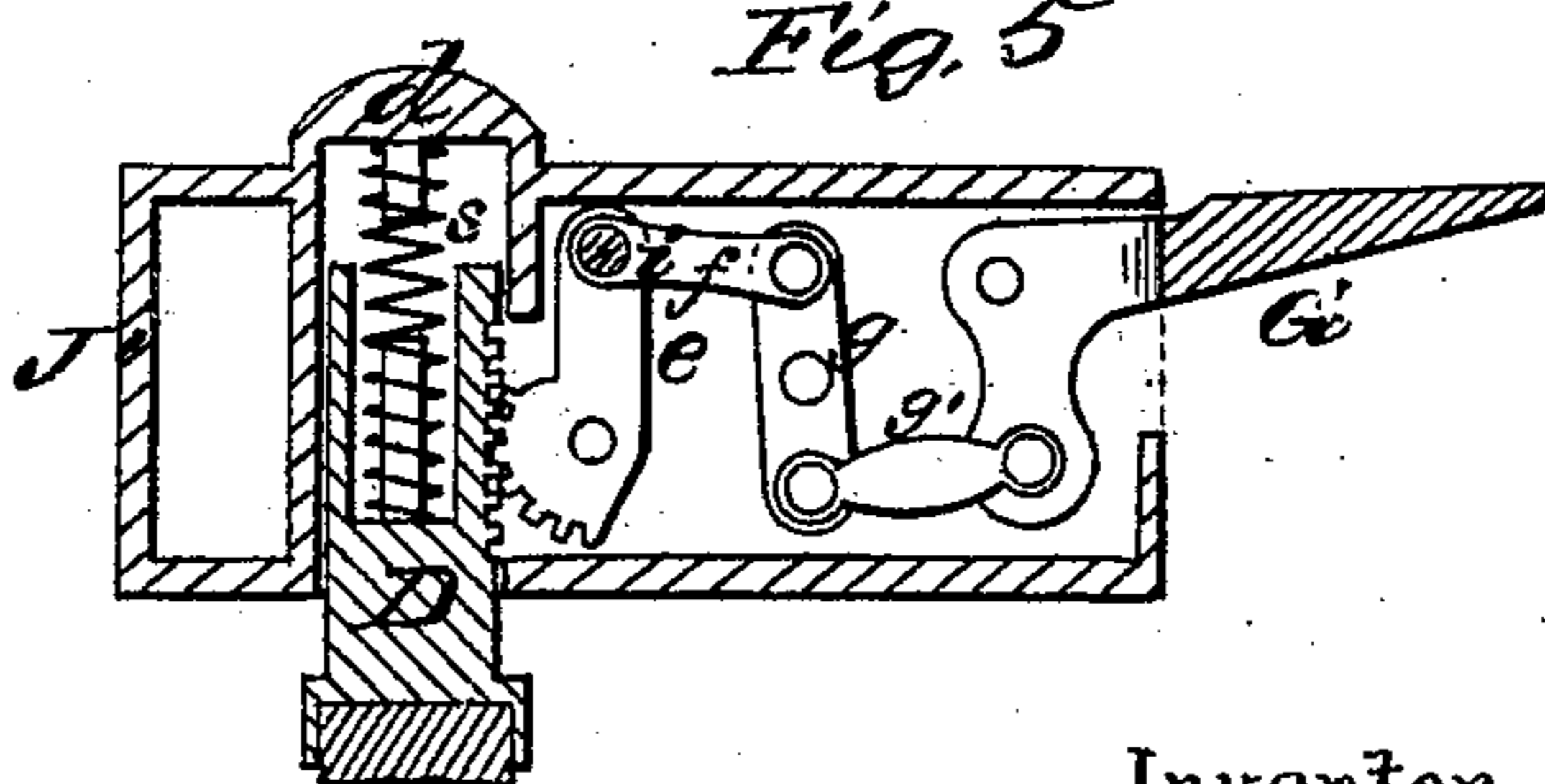


Fig. 5



Witnesses.
Robert Everett.
George C. Updegrave

Inventor.
Harrison S. Cass.
Chipman & Osmer & Co.
attys.

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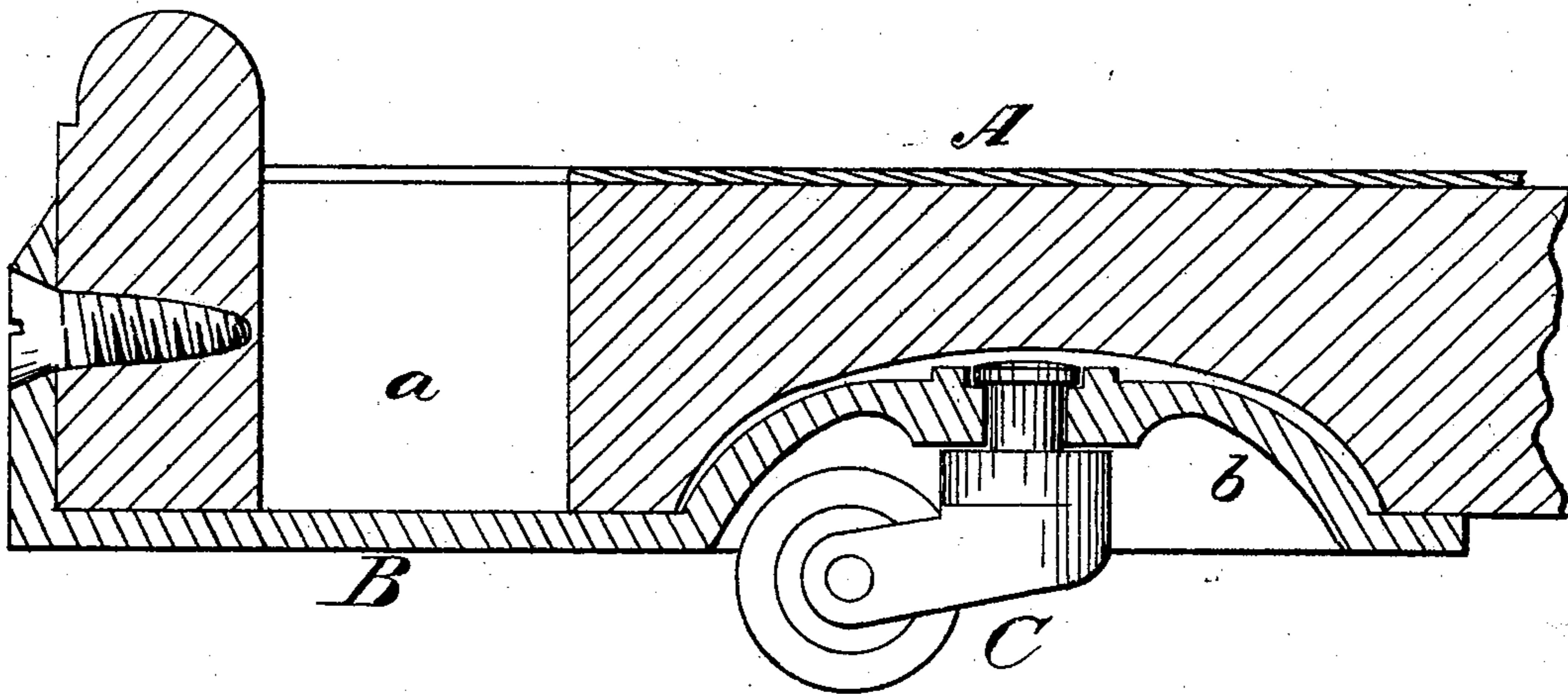
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UNITED STATES PATENT OFFICE.

HARRISON S. CASS, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN SEWING-MACHINE-CASTER PLATFORMS.

Specification forming part of Letters Patent No. 151,841, dated June 9, 1874; application filed April 11, 1874.

To all whom it may concern:

Be it known that I, HARRISON S. CASS, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and valuable Improvement in Sewing-Machine Platforms; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a plan view of my sewing-machine platform, and Figs. 2 and 3 are end views of the same. Figs. 4, 5, and 6 are detail views of the same.

The object of the invention is to afford a platform on which to mount a sewing-machine table, and by means of which the machine so supported can be easily rolled about, and, when desired, fixed immovably to the floor.

My invention consists, mainly, in friction-stops, in combination with a platform which is mounted on caster-wheels; said stops being so applied that they can be adjusted upon the floor, so as to lift one side of the platform off of its wheels, and thus render it stationary. It also consists in a novel mode of applying the caster-wheels to the platform, so as to bring it as near the to the floor as possible, and at the same time to brace and strengthen its corners and afford supports for the legs of the sewing-machine table. It finally consists in a novel mode of constructing and actuating the friction stops and lifters, as will be hereinafter explained.

In the annexed drawings, A designates a platform, having recesses *a* at its four corners, to receive the lower ends of the legs of a sewing-machine table, and hold the same in place on the platform. B B designate angular plates, which are rigidly secured to the bottom of the platform A. At its four corners the shortest portions of these plates B rise against the edges of the platform, and are secured thereto by screws. Thus applied the plates B greatly strengthen the platform and afford bearings for the legs of the sewing-machine table. The lower portions of plates B present concavities *b*, which receive in them caster-wheels C C, thus lowering the

platform. The plates B afford solid and substantial bearing for the caster-wheels, the stems of which swivel freely in them. D D designate stops, which are applied to boxes J J', secured to one edge of the platform A. Each stop is cupped at both ends. The lower end has a block, *c*, of india-rubber, or other suitable substance, secured in it, and the upper end receives a helical spring, *s*, which bears against the upper end of a socket, *d*, in which the stop plays vertically. On one side of each stop-teeth are formed, with which the tooth end of a lever, *e*, engages for the purpose of raising the stop free from the floor when it is desired to move the machine about on its caster-wheels.

The lever in the box J is connected by a rod, F, to a pivot, *i*, which connects the upper end of the lever *e* in the box J' to a link, *f*, which link is connected to a lever, *g*, which latter is connected by a link, *g'*, to the angular short arm of a foot-lever, G.

By pressing with the foot on the exposed arm of the lever G, both stops, D D', will be raised free from the floor, and the platform can be easily moved about on its caster-wheels. When the lever G is released the springs *s s* will force the stops D D' down hard upon the floor, and hold the platform stationary.

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

1. The friction-stops D D' acted on by springs *s*, and combined with boxes J J', and a platform, which is mounted on caster-wheels.

2. The caster-wheels C C applied in recesses *b* formed in angular brace-plates B, in combination with the recesses *a* at the corners of platform A, substantially as described.

3. The toothed stops D D', the toothed levers *e e*, links *f g'*, levers *g G*, and connecting-rod F, combined and applied to a sewing-machine platform, which is mounted on wheels, substantially as described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

HARRISON S. CASS.

Witnesses:

CHAS. F. DOWNS,
CARRIE W. CASS.