

S. K. BASSETT.

Sewing Machine.

No. 92,693.

Patented July 20, 1869.

Fig 3

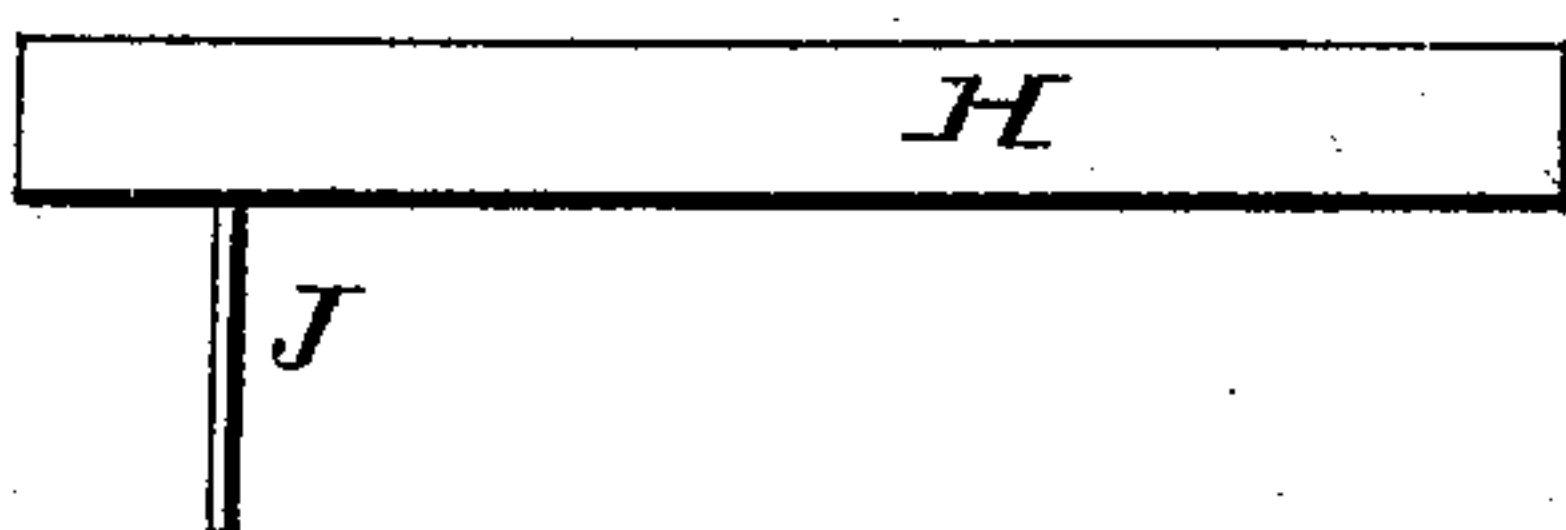
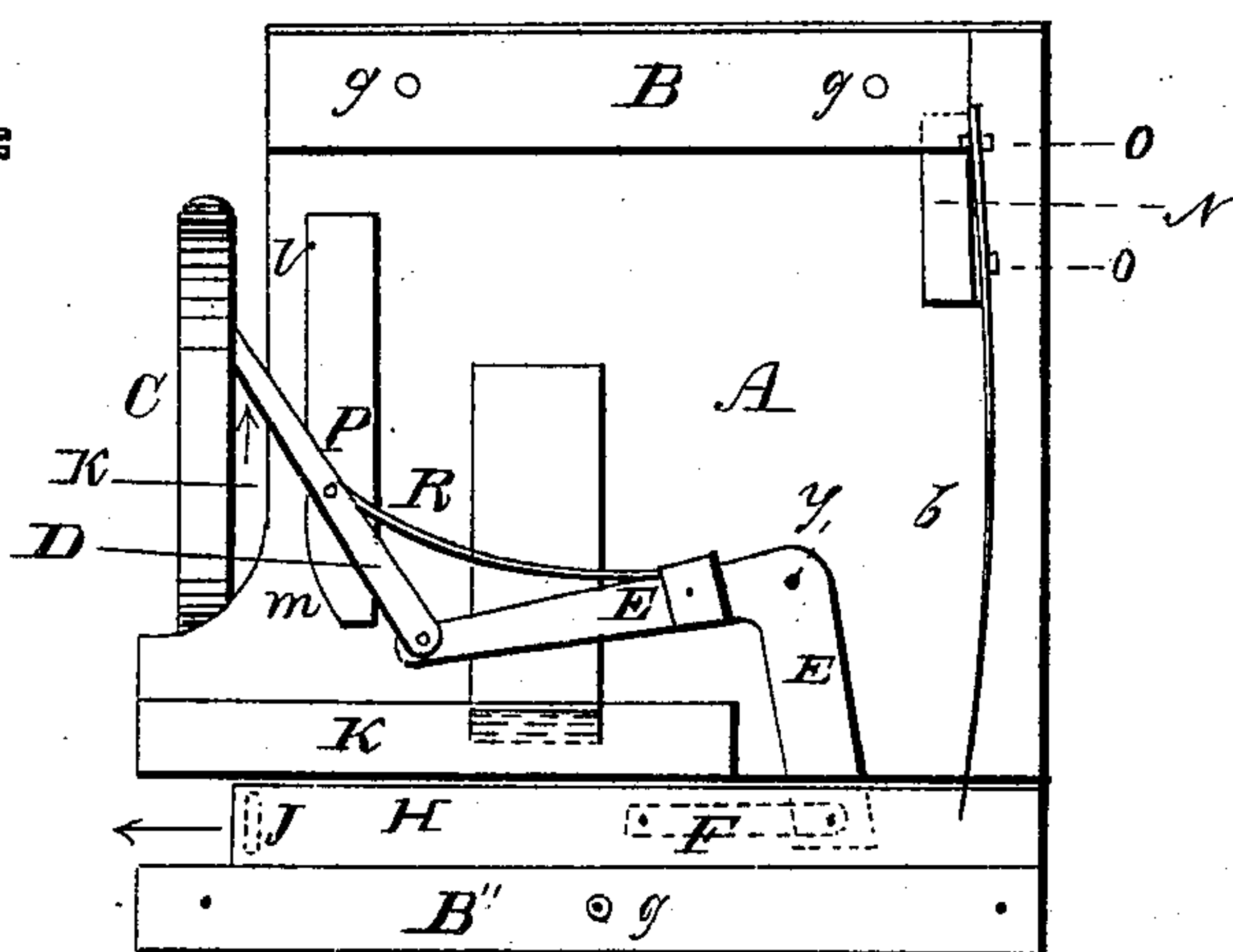
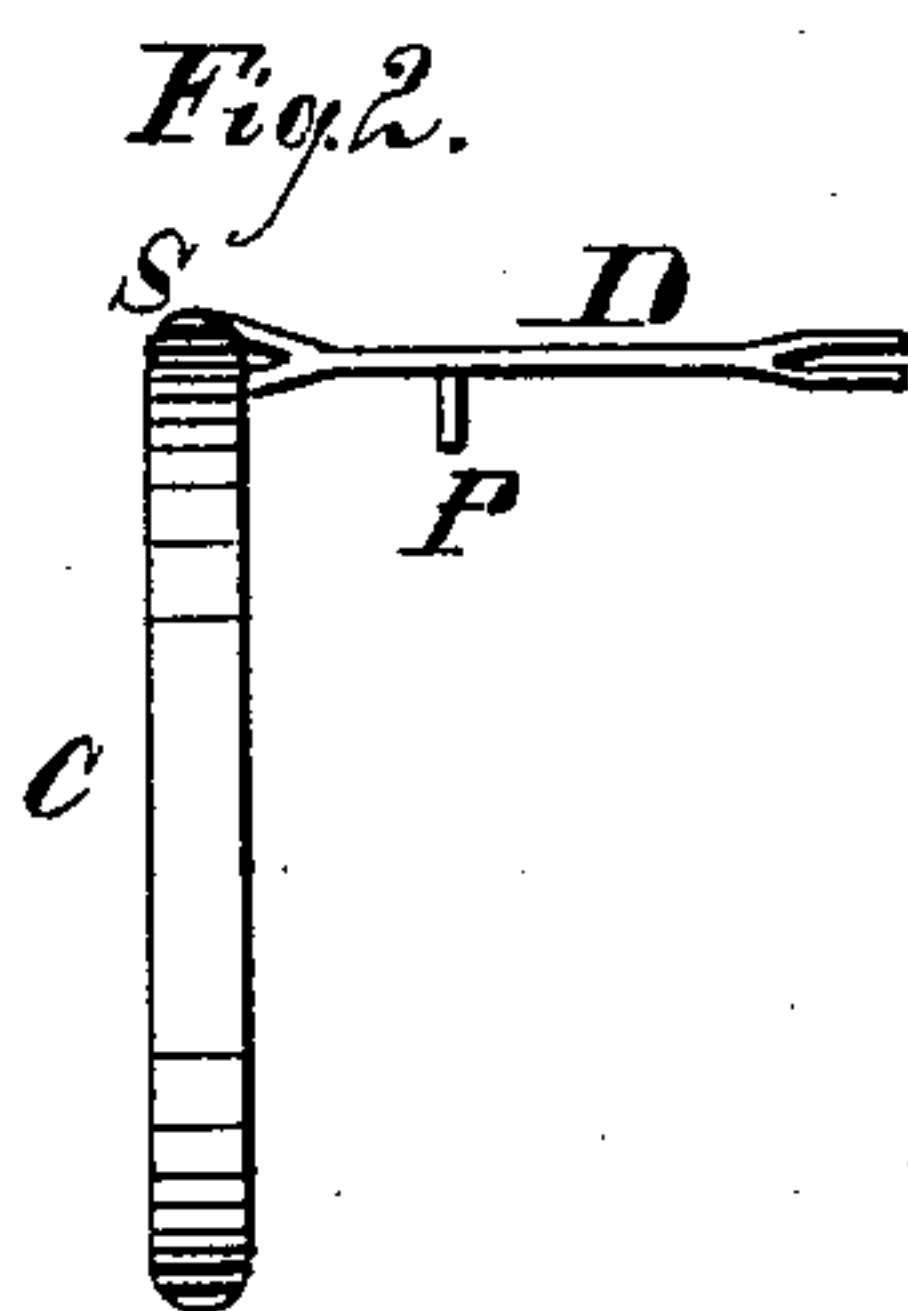


Fig. 1.



Witnesses
Wm. B. Richards.
Jm. Martin.

Inventor.
Saml. K. Bassett

United States Patent Office.

SAMUEL K. BASSETT, OF GALESBURG, ILLINOIS.

Letters Patent No. 92,693, dated July 20, 1869.

IMPROVEMENT IN MECHANISM FOR STARTING SEWING-MACHINES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, SAMUEL K. BASSETT, of Galesburg, in the county of Knox, and State of Illinois, have invented certain new and useful Mechanism for Starting 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 drawings, making a part of this specification, in which—

Figure 1 is a top plan or view of my device,

Figure 2 is a sectional view; and

Figure 3 is a sectional view.

Similar letters of reference indicate corresponding parts in all the figures.

The object of this invention is to provide means whereby a sewing-machine may be easily started in the right direction by the knee, without the intervention of the hands.

The invention consists in a simple arrangement and combination of levers, slides, and springs placed immediately under the top of a sewing-machine stand or frame, and so arranged, that by moving a slide with the knee, the impulse may be given to the balance-wheel at the desired time, and always in the right direction.

To enable others to understand the construction and operation of my invention, I will proceed to describe it with reference to the drawings.

Letter A represents a metallic plate, to be attached to the under side of the top of the sewing-machine stand.

Letter B represents pieces intervening between the plate A and top of the stand, in order to leave space for the operation of the starting-device.

Letter E is a bent lever, pivoted at *y*, and attached to the slide H by the piece F.

Letter D represents an arm, pivoted to the lever E, and forked at the end, as shown at *s*, fig. 2, where it

embraces the rim of the balance-wheel C. The arm D carries a pin, P, which serves to throw the fork from the wheel C, by running on the incline *m*.

Letter R is a spring attached to lever E, and operating on the arm P, for the purpose of holding it to the balance-wheel C.

Letter L represents a spring for the purpose of throwing the slide H back to the position shown in the drawing.

The dotted lines J, fig. 1, show the position of the knee-piece for operating the machine. A side view of this piece J is shown at fig. 3.

The manner of operating my device is simply as follows:

By placing the knee against the piece J, and drawing the slide H in the direction of the arrow *t*, motion will be communicated to the arm P, in the direction of the arrow *k*, which will, in turn, impart a movement to the balance-wheel C, and this same movement may be rapidly repeated, and the balance-wheel C kept moving, until the ordinary treadle is set in motion, the whole operation being performed with the knee, leaving the hands free for adjusting the work to be done, while in the ordinary machine, one hand must be used to start the machinery in the right direction.

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

The combination and arrangement of slide H, piece F, lever E, arm D, springs R and L, and plate A, substantially as described, and for the purpose set forth.

Dated at Galesburg, Illinois, this 23d day of September, 1868.

SAML. K. BASSETT.

Witnesses:

W. B. RICHARDS,
J. M. MARTIN.