

E. BROWN.
IMITATION STITCH-MACHINES.

No. 180,836.

Patented Aug. 8, 1876.

Fig. 2

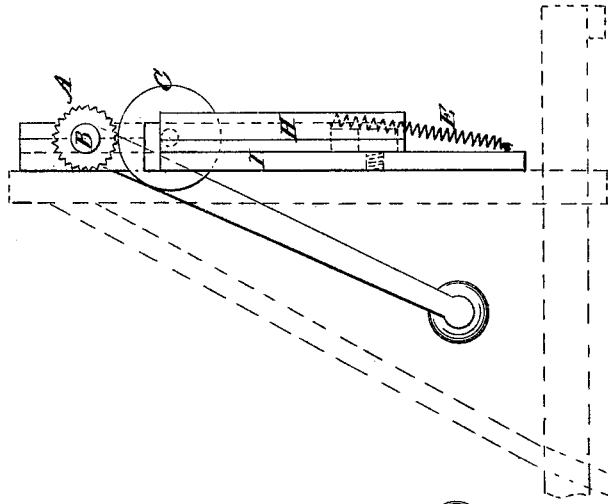
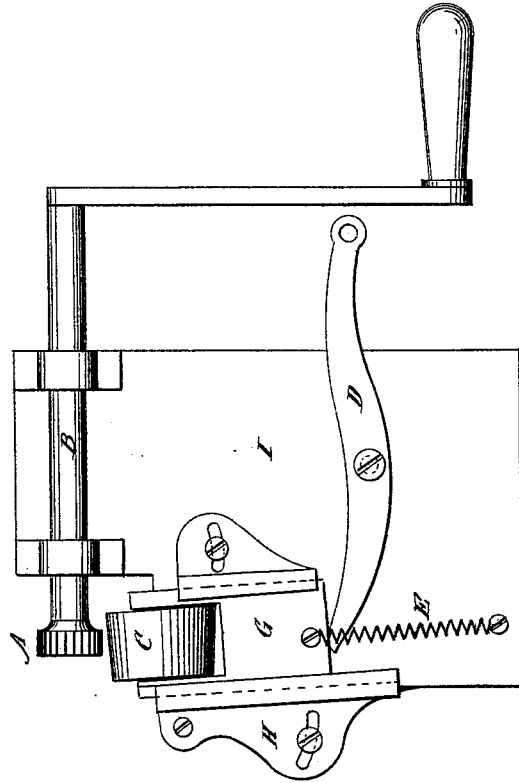


Fig. 1



WITNESSES:

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UNITED STATES PATENT OFFICE.

EDWIN BROWN, OF GEORGETOWN, MASSACHUSETTS.

IMPROVEMENT IN IMITATION-STITCH MACHINES.

Specification forming part of Letters Patent No. **180,836**, dated August 8, 1876; application filed June 12, 1876.

To all whom it may concern:

Be it known that I, EDWIN BROWN, of Georgetown, in the county of Essex and State of Massachusetts, have invented a new and Improved Imitation-Stitching Machine, of which the following is a specification:

The object of my invention is to contrive a simple, cheap, and efficient machine for making what is known as the "imitation fair-stitch" on boots and shoes—that is, indentations on the upper margins of the soles, having the appearance of the stitches by which the soles are sewed on in hand-work.

It consists of a milled indenting-roller on the end of a crank-shaft, under which is a carrying-roller, made to slide up toward the milled roller by a lever which is to be worked by foot-power, to carry the sole and press it against the milled roller, which, being turned by the crank, makes the indentations or imitation stitches, at the same time feeding the work along.

The milled roller and its shaft-carrying roller and the lever are all attached to a plate, which may be readily attached to a bench or other suitable support, making a simple and cheap machine.

Figure 1 is a side elevation of my improved machine, and Fig. 2 is a front elevation.

Similar letters of reference indicate corresponding parts.

A is the milled roller for making the imitation stitches. B is the crank-shaft, on which it is mounted to be turned by hand or power, as may be preferred. C is the carrying-roller, on which the shoe is set upright, with the margin of the sole to be indented placed under the roller A. D is the lever for pressing up the carrying-roller, with the shoe on it, up to the milled roller; and E is a spring for pulling it down.

The carrying-roller is a little conical to suit the form of the bottom of the sole, and it is mounted on a support, G, which slides up and down on the plate H, which is attached to the base-plate I, so that it can be adjusted to accommodate it to soles of different forms.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination, with the milled roller A, of the carrying-roller C, mounted on a support, G, sliding toward and from it, also being adjustable for inclining its face relatively to the roller A, and also being provided with the lever D and spring E, substantially as specified.

Georgetown, Massachusetts, June 2, 1876.

EDWIN BROWN.

Witnesses:

GEORGE J. TENNEY,
MILTON G. TENNEY.