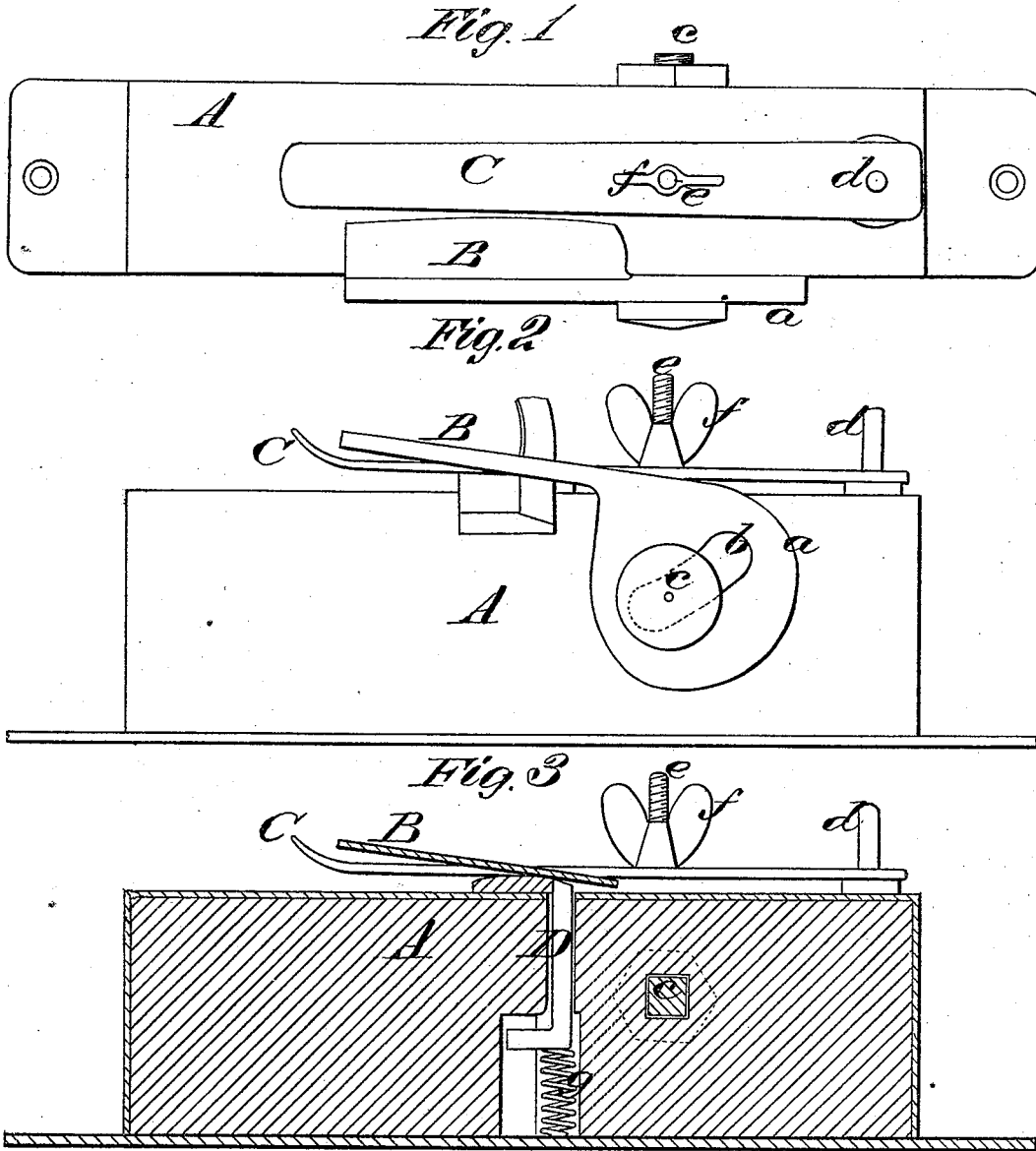


A. G. HOWARD.  
Leather-Strap Skiving-Machine.

No. 159,822.

Patented Feb. 16, 1875.



WITNESSES  
*Eugene H. Johnson*  
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# UNITED STATES PATENT OFFICE.

ALBERT G. HOWARD, OF FARMINGTON, MAINE.

## IMPROVEMENT IN LEATHER-STRAP-SKIVING MACHINES.

Specification forming part of Letters Patent No. **159,822**, dated February 16, 1875; application filed January 23, 1875.

*To all whom it may concern:*

Be it known that I, ALBERT G. HOWARD, of Farmington, in the county of Franklin and State of Maine, have invented a new and valuable Improvement in Leather-Strap-Skiving Machines; 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 machine. Fig. 2 is a side view of the same, and Fig. 3 is a sectional view.

This invention has relation to machines for skiving leather; and it consists in the combination of an adjustable cutter, an adjustable pressure-spring, and a spring-guide, as will be understood from the following description.

In the annexed drawings, A designates the frame of the machine, which is a rectangular piece of metal designed to be rigidly secured to some established object. B designates a knife, having an enlargement, *a*, on one end, through which a slot, *b*, is made. A bolt, *c*, passes through the slot *b* and through the frame A, and is provided with a nut on one end for tightening the knife when it is properly adjusted. C designates a spring, one end of which is held in place by means of a stud, *d*, and the other end is curved upward to facili-

tate the passage of the leather beneath it. A screw, *e*, is rigidly fixed into the upper side of the frame A, which passes loosely through the spring C, near the middle of its length, and receives a thumb-nut, *f*, on it. It is by means of this nut *f* that the spring C can be adjusted for different thicknesses of leather, and for giving different degrees of pressure on the leather. D designates a guide-pin, which is inserted into the frame A, and held up against the bottom side of the knife B by means of a spring, *g*. The pin D is adjustable for the purpose of allowing the knife to be secured at any desired angle with respect to the top of the frame A.

After properly adjusting the knife B and spring C the skiving is performed by simply drawing the leather beneath these parts, keeping the edge of the leather up close against the pin D.

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

The combination of the spring guide D with the knife B and pressure-spring C, substantially as described.

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

ALBERT G. HOWARD.

Witnesses:

BENJ. F. ATKINSON,  
P. DYER.