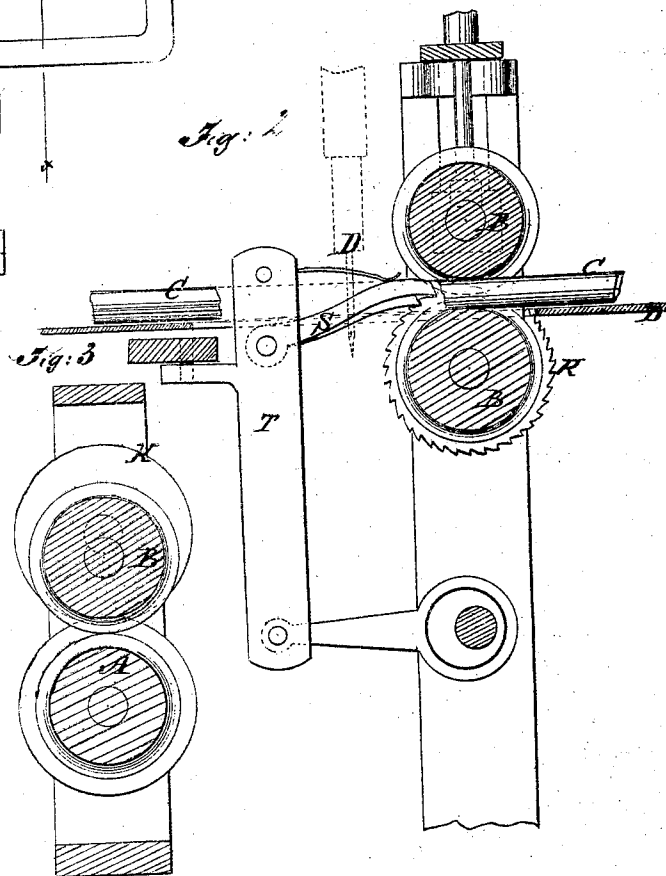
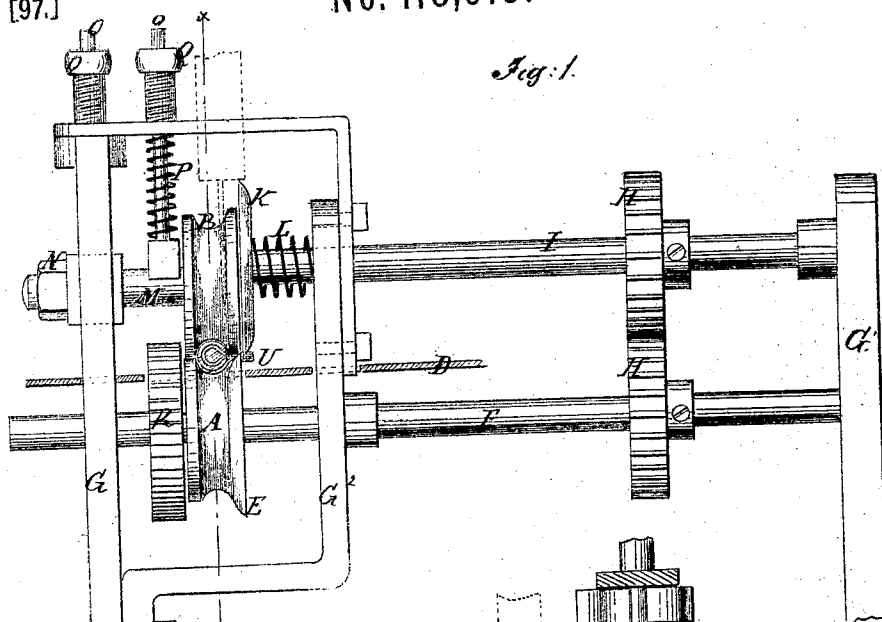


F. E. Decker's Sewing Machine Attchmt.
 No. 118,913. Patented Sep. 12, 1871.

[97.]



Witnesses:

Chas. Nida.
Wm. H. C. Smith.

Inventor:

F. E. Decker.

PER

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Attorneys.

UNITED STATES PATENT OFFICE.

FREDERICK E. DECKER, OF NEWARK, NEW JERSEY, ASSIGNOR TO EDWARD SIMON & BROTHERS, OF NEW YORK, N. Y.

IMPROVEMENT IN SEWING-MACHINES.

Specification forming part of Letters Patent No. 118,913, dated September 12 1871.

To all whom it may concern:

Be it known that I, FREDERICK E. DECKER, of Newark, in the county of Essex and State of New Jersey, have invented a new and Improved Sewing-Machine Attachment; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification.

This invention relates to a new and improved attachment to a sewing-machine for turning the rough edges from the leather covering of round or oval satchel-handle stock at the same time they are stitched on by the machine, or as they pass from the needle when being sewed; and it consists in a pair of grooved guiding-wheels and a pair of rotary cutters, having operating gear arranged to be actuated by a pawl-lever connected with the feed-bar, to be moved by it for feeding the handle along at the same time that the feed-plate of the machine is worked.

Figure 1 is a side elevation of the said attachment and a section of a part of a sewing-machine table. Fig. 2 is a section of Fig. 1 on the line *xx*, as seen by looking toward the left; and Fig. 3 is a view of the same section looking in the opposite direction.

Similar letters of reference indicate corresponding parts.

A and B represent a pair of grooved wheels, which are to be mounted so as to receive the leather-covered rope or cord forming the trunk or satchel-handle stock C between them as it passes away from the needle after the two edges of the cover have been stitched together, being so arranged relatively to the sewing-machine table D as to receive it in the plane of the table. The wheel A has one edge, E, made in the form of a rotary cutter, and is mounted on the shaft F, supported in the two standards G G¹, which are to be attached to the machine in any way by which the wheels will be maintained in the right place; or any other standards suited to different

machines may be used. This shaft F drives, by wheel H, another shaft, I, mounted in the support G¹, and another, G², above the shaft F; this shaft, which extends only as far as the vertical plane of the cutting-edge E of wheel A, carries another rotary cutter, K, which is to operate in conjunction with E, and is held up to it laterally by a spiral spring, L. The grooved roller B is mounted on a stud-pin, M, mounted adjustably in the standard G, for rising and falling to suit handle-stock of different sizes, being held in said standard by a bearing, N, capable of sliding up and down, and pressed downward by the rods O and coiled springs P, the latter being arranged to have the tension varied by the nuts Q. R is a ratchet-wheel, placed on the shaft F for turning it, by means of pawls S and a pawl-lever T, the latter being mounted on the sewing-machine and connected with the feed-bar of the sewing-machine in any way to be worked by it to cause the feed-rollers A B to move simultaneously with the said feed-bar of the sewing-machines. These rollers not only feed the handle-stock along from the needle, but they hold it at the same time, so that the cutters may act on the projecting edges V of the leather cover to trim it off evenly.

I propose to make such adaptation of the rollers as may be requisite for trimming the rough edges from any work done on a sewing-machine.

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

1. The feeding and holding-rollers A B and rotary cutters E K combined together in an attachment adapted for application to a sewing-machine for operation in connection therewith, substantially as herein shown and described.

2. The roller B arranged for rising or falling relatively to the roller A and the cutter K, substantially as specified.

FREDERICK E. DECKER.

Witnesses:

T. B. MOSHER,
GEO. W. MABEE.