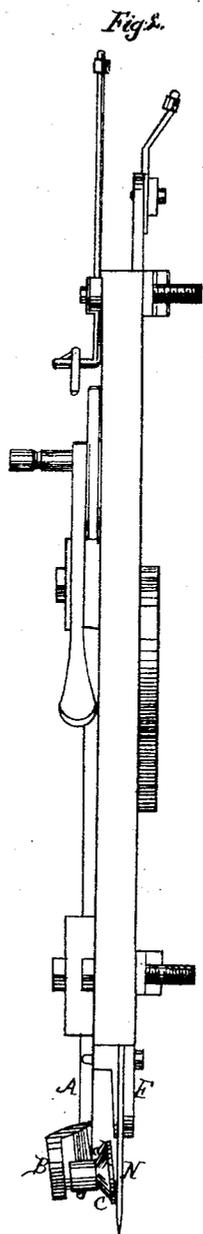
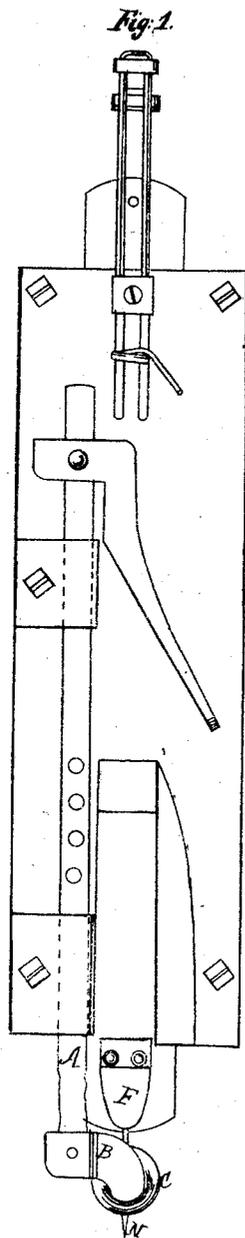


F. B. Contessa.
 Cording Attachment for Sewing-Machine.
 N^o 76054
 Patented Mar. 31, 1868.



Witnesses
 G. B. Alkett
 J. A. Fraser

Inventor
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United States Patent Office.

FRANCIS B. CONTESSA, OF NEW YORK, N. Y.

Letters Patent No. 76,054, dated March 31, 1868.

IMPROVEMENT IN CORDING-ATTACHMENT FOR 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, FRANCIS B. CONTESSA, of the city, county, and State of New York, have invented a new and improved Welting or Cording-Attachment to Sewing-Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings forming part of this specification.

This invention relates to an improvement in sewing-machines, whereby the machine is adapted to work which has hitherto (from its peculiar nature) been performed by hand; and the invention consists in attaching to the ordinary foot-pad bar a curved roller, and in adjusting thereon an elastic ring, whereby the machine is adapted to the process of cording and welting generally, and especially to stitching or sewing on of the lace or braid on shoulder-straps and chevrons in military work, thereby saving much valuable time.

Figure 1 represents a front view of a portion of a Singer sewing-machine, and

Figure 2 represents a side view of the same, on both of which my improvement is seen attached as for use. Similar letters of reference indicate corresponding parts.

As the part of the sewing-machine shown (or its equivalent) is common to all sewing-machines, no particular description of that part is deemed necessary.

My improvement is applicable to all ordinary machines, as it merely takes the place of the foot-pad, with which all sewing-machines are provided.

A (figs. 1 and 2) represents the foot-pad bar. B is a bracket, attached thereto by a set-screw, (or otherwise,) either permanently or detachable, as may be desired. C is a curved roller, which is attached to the bracket by a pivot or journal, and secured thereon by a screw-nut, or in any suitable manner. As seen in fig. 1, the bracket extends forward so as to allow the centre of the roller C to come opposite or nearly opposite the needle, as represented. The bracket is so attached to the bar A, and the roll is so adjusted, that the needle passes its lower edge nearly in contact with it, so that the stitching may be done directly at the base of the cord. The curve *d*, on the inside of the roller, is designed to fit or nearly fit the diameter of the corded work, so as to present an arc of a circle which shall conform in some measure to the size of the welt formed.

These rollers may be made of different sizes, and changed to suit different-sized cords, if desired. The periphery of the roller may be milled or serrated, if desired, for the purpose of producing the requisite friction, or enabling it to take a firmer hold of the work. But, as shown in the drawing, fig. 2, I accomplish this object by placing on the neck of the roller an elastic band or thimble, *e*, which may be made of any size or shape, to adapt it to the purpose intended. As before stated, the roller C is removable at pleasure from the bracket, and the elastic thimble may be changed as often as required by the nature of the work.

The needle N is attached to the needle-bar, in the manner usual with the Singer machine, by the clamp F, but the clamp is elongated or extends down further than usual for the purpose of more firmly supporting the needle.

This cording or welting has hitherto been done by hand. By the use of my improvement the work is performed with the greatest facility and dispatch, the saving thereby being equal to that secured by machine-sewing generally.

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

1. The combination, with the presser-bar A, of the bracket B and roller C, constructed, arranged, and operating with the sewing-machine, as and for the purpose set forth.

2. The elastic thimble or band *e*, in combination with the roll C, substantially as and for the purposes set forth.

The above specification of my invention signed by me, this thirtieth day of January, 1868.

FRANCIS B. CONTESSA.

Witnesses:

WM. A. MORGAN,
ALEX. F. ROBERTS.