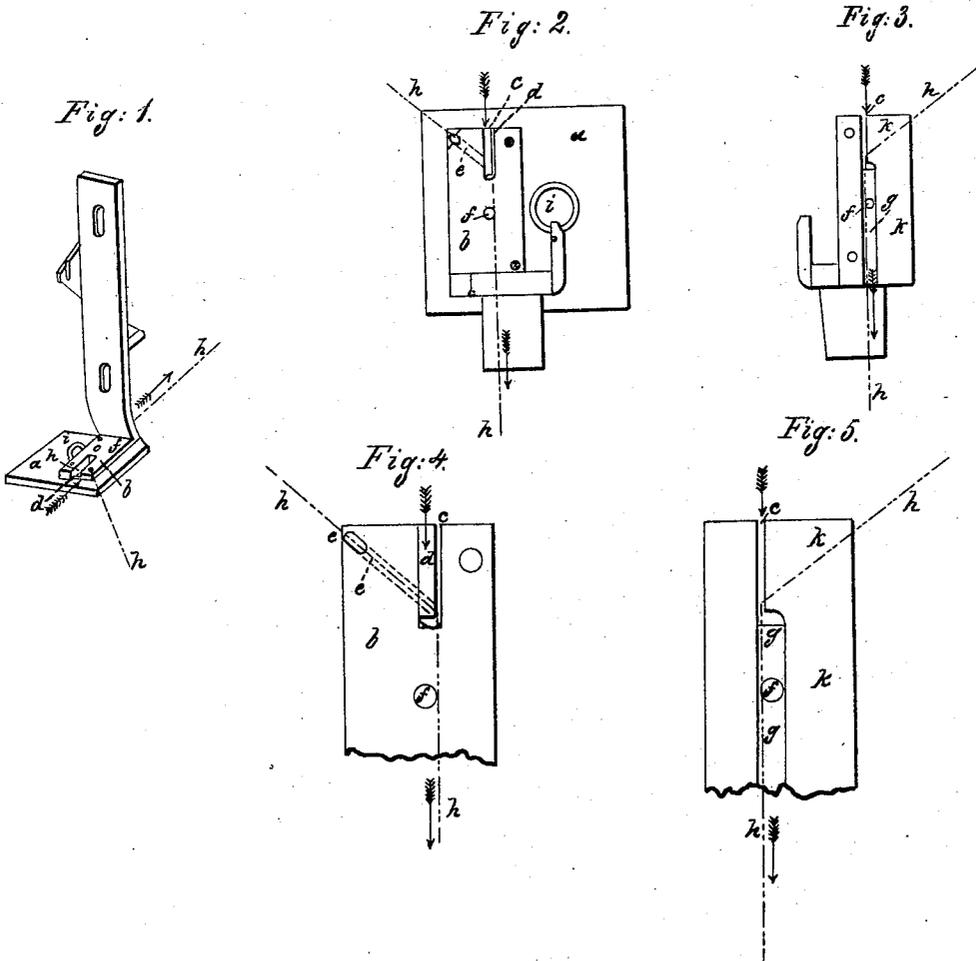


S. C. BLODGET,  
Sewing-Machine Attachment.

No. 10,386.

Patented Jan. 3 1854.



# UNITED STATES PATENT OFFICE.

SHERBURN C. BLODGET, OF PHILADELPHIA, PENNSYLVANIA.

## IMPROVEMENT IN HEMMING AND CORDING UMBRELLA-COVERS.

Specification forming part of Letters Patent No. **10,386**, dated January 3, 1854; antedated July 3, 1853.

*To all whom it may concern:*

Be it known that I, SHERBURN C. BLODGET, of the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Instrument to be used in Hemming or Cording and Hemming the Edges of Umbrellas and Parasols; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view; Fig. 2, a plan or top view; Fig. 3, a bottom view with the bottom plate removed; Figs. 4 and 5, views of Figs. 2 and 3 enlarged.

The same letters refer to like parts.

Letter *a* is the bottom piece; *b*, pad or shoe; *c*, slot for the passage of the cloth; *d*, shelf for turning cloth over; *e*, cord-guide, the direction being indicated by dotted lines; *f*, hole for the passage of the needle when the instrument is used in connection with a sewing-machine; *g*, groove or bridge for the passage of the hem with the cord inclosed; *h*, cord; *i*, hole for screwing the instrument to a stand when used for sewing by hand. The arrows indicate the position and direction of the cloth. The under part of the shoe (marked *k* in Figs. 3 and 5, it being the front half) is filed away as far back as the slot and groove *g*, sufficient to allow the cloth to pass freely between the shoe and bottom piece.

The nature of my invention consists in providing a metallic shoe or pad of suitable size, one and one-fourth inch long, one-half inch wide, three-sixteenths of an inch thick, as shown in the accompanying drawings. The shoe is firmly secured to a bottom plate, with a perpendicular hole in the center for the passage of the needle when used with a sewing-machine. At the left-hand end and running parallel with the shoe is a perpendicular slot

sufficiently wide to admit the cloth extending half-way to the needle. The front border of said slot is made low like a shelf, the same width of the hem, and serves to guide its width. The slot curves entirely round the right-hand end of the shelf, where it passes down to the under side of the shoe in a sufficiently spiral form, where it is continued in a straight line in the form of a groove or channel surrounding the hem when perfectly formed. The cord-guide is a hole passing diagonally from the left-hand top corner to the right-hand opposite corner of the shelf over which the cloth is bent.

The operation of the instrument is as follows: Being attached to a table or sewing-machine, the cord is passed through the guide, the cloth lies horizontally between the shoe and bottom plate, with the edge from the operator, and feeds from left to right, as shown by the arrows, the cloth being held by the left hand. The operator turns up with the thumb what is sufficient for a hem through the slot. As the cloth is carried forward by the feed-wheel of the machine, or moved by hand, it takes up the cord, around which it is wrapped once by the spiral bridge as it passes under to the groove between the bottom plate and shoe, where it is preserved in shape while being sewed.

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

The guide for cording or hemming umbrella-covers, arranged upon a stand, with a curved slot to fold the hem around the cord, and a hole through which the cord is passed to its place; and this I claim whether the guide be used alone or attached to a sewing-machine.

SHERBURN C. BLODGET.

Witnesses:

SAMUEL M. LYNN,  
JOHN A.