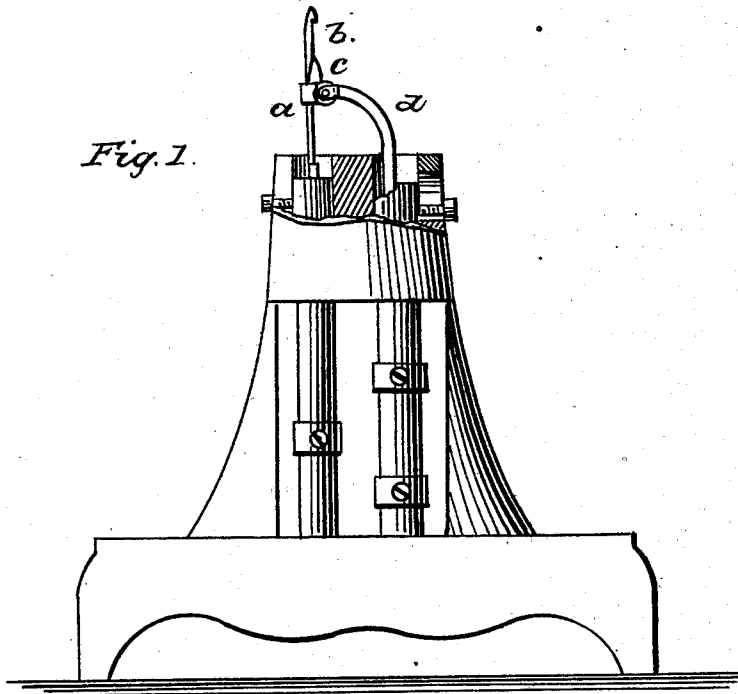


E. M. COMERY.
Cast Off for Sewing Machines.

No. 74,310.

Patented Feb. 11, 1868.



WITNESSES
Theo Fische
Wm Brown

INVENTOR
E M Comery
Per *Wm H*
Attorneys

United States Patent Office.

EDWARD M. COMERY, OF HUDSON, MASSACHUSETTS.

Letters Patent No. 74,310, dated February 11, 1868.

IMPROVEMENT IN CAST-OFF 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, EDWARD M. COMERY, of Hudson, in the county of Middlesex, and State of Massachusetts, have invented a new and useful Improvement in Sewing; 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, in which—

Figure 1 represents my improved sewing-machine cast-off, showing its attachment to the needle.

Figure 2 is a detached view.

Similar letters of reference indicate corresponding parts.

This invention relates to an improvement in the construction of a cast-off for a wax-thread sewing-machine, and consists in a slide collar fitted to the needle, and attached by a pin-joint to a bar or handle, as hereinafter described.

The slide collar *a* fits on the needle *b*, shown in red, having a pointed end or nose, *c*, that lies close to one side of the needle, on the same side as the barb on the end of the needle. The slide collar *a* is pin-jointed to the curved handle *d*, which moves with the bar to which it is attached, as shown in the drawing, in such a manner that as the needle works up and down, the barb is covered by the nose *c* and the thread cast off, while, during the whole operation, the needle is held firmly, so that it works steady, without spring or liability to break, as with the ordinary cast-off. By having the slide collar *a* embracing the needle, the thread is prevented from passing down between the nose *c* and the needle, which would be the case if the nose rested by a groove only against said needle.

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

The pivoted collar *a* embracing the needle, in combination with the nose *c* and arm *d*, whereby the thread is prevented from passing down between said nose and the needle, as herein shown and described.

EDWARD M. COMERY.

Witnesses:

GEO. S. RAWSON,
EDMUND M. STOWE.