

(Model.)

J. M. GRIEST.

BINDING ATTACHMENT FOR SEWING MACHINES.

No. 297,597.

Patented Apr. 29, 1884.

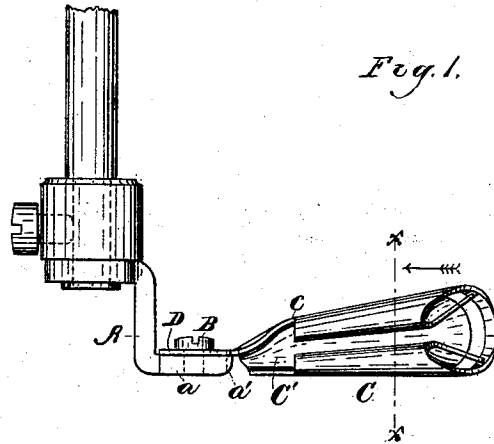


Fig. 1.

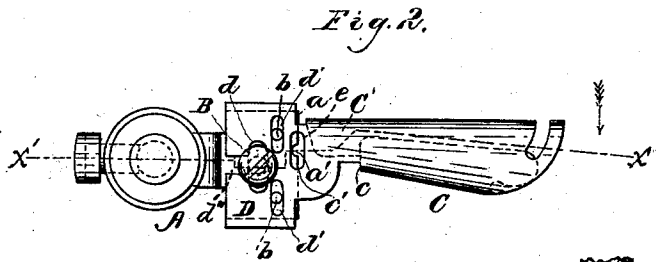


Fig. 2.

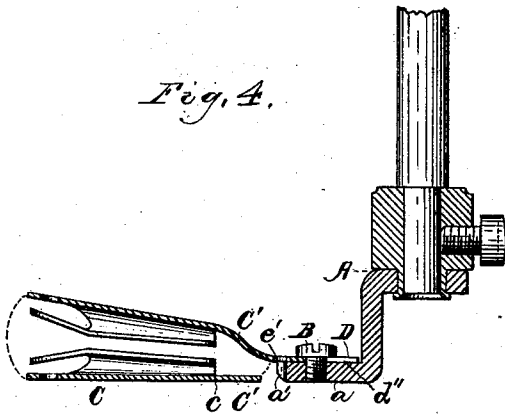


Fig. 4.

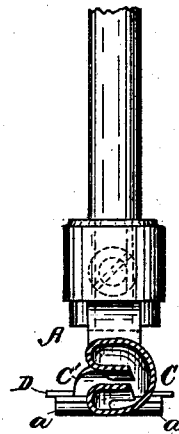


Fig. 3.

Witnesses,
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Inventor,
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UNITED STATES PATENT OFFICE.

JOHN M. GRIEST, OF CHICAGO, ILLINOIS, ASSIGNOR TO THE CHICAGO ATTACHMENT COMPANY, OF SAME PLACE.

BINDING ATTACHMENT FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 297,597, dated April 29, 1884.

Application filed November 5, 1883. (Model.)

To all whom it may concern:

Be it known that I, JOHN M. GRIEST, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Binding Attachments for Sewing-Machines, of which the following, in connection with the accompanying drawings, is a specification.

In the drawings, Figure 1 is a side view of a binding attachment embodying my invention. Fig. 2 is a top view of the same. Fig. 3 is a vertical cross-section in the plane of the line *x x* of Fig. 1, viewed in the direction indicated by the arrow there shown; and Fig. 4 is a vertical longitudinal section in the plane of the line *x x'* of Fig. 2, viewed in the direction indicated by the arrow there shown.

Like letters of reference indicate like parts.

A represents the presser-foot, and *a* is that part thereof which presses the goods. My chief novel feature of construction relating to the presser-foot is that I cut it off at the needle-hole, as shown at *a'*.

B is a set-screw entering the presser, and *b b* are small studs projecting from its upper face.

C is the binder. The binder shown is made, as heretofore, from the point *c*, or the inner ends of the scrolls outward.

C' is a neck or extension. This neck is a continuation of the shell or part from which the scrolls are laid or turned, and is curved in cross-section similarly to that part, as indicated.

D is a flattened portion or foot, and *d d'* are slots therein.

e is a slot or elongated needle-hole at the junction of the neck *C'* and foot D. The slot *d* is met by an opening, *d'*.

To apply this binder to the presser-foot I loosen the screw B sufficiently to permit the portion or part D to be slipped under the head

of the said screw, and I then tighten the latter after so arranging the binder that the studs *b b* will enter the slots *d' d'*, and also adjusting the binder, as may be desired.

It will be perceived on reference to Fig. 2 that the binder may be adjusted laterally on the presser-foot, and clamped thereto firmly by means of the screw B after being so adjusted, the studs *b b* aiding in preventing the binder from being turned. It will also be perceived that the binder may be applied and removed without removing the screw B. It will also be perceived that the neck *C'* extends from the inner ends of the scrolls or volutes to or nearly to the needle-hole, and thus serves as a gage or guide to conduct or deliver the binding, as turned by the scrolls, to the needle to be stitched, and prevents the unrolling of the binding.

The goods and binding may be arranged in the usual manner.

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

The combination, in a binding attachment for sewing-machines, of the presser-foot A, cut-off at the needle-hole, and having thereon the studs *b b*, the set-screw B, and the binder C, the said binder having a neck or extension, *C'*, and a flattened portion or shank, D, in which are the slots *d d'*, an elongated needle-hole, and an opening, *d'*, all arranged, substantially as shown and described, with relation to each other, for the purposes set forth.

In testimony that I claim the foregoing as my own I hereto affix my signature in presence of two witnesses.

JOHN M. GRIEST.

Witnesses:

F. F. WARNER,
J. B. HALPENNY.