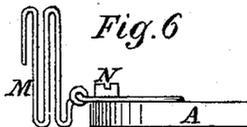
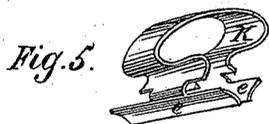
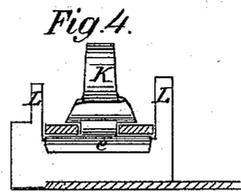
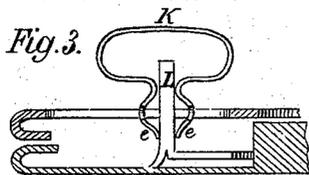
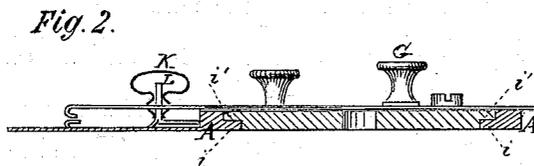
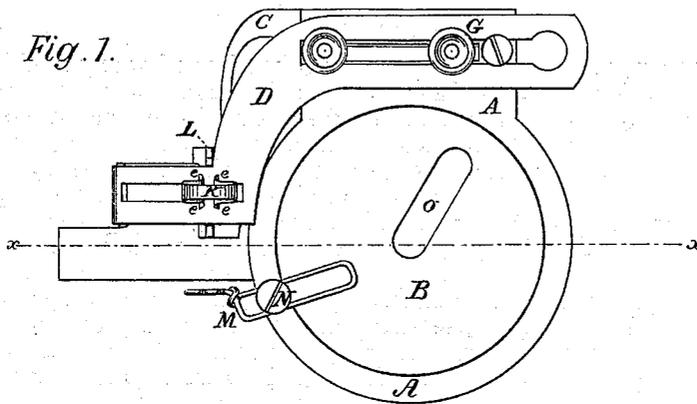


WILLIAM N. MARTIN.

Improvement in Binder for Sewing Machines.

No. 125,590.

Patented April 9, 1872.



Witnesses:

J. A. Art's
J. A. Aug.

Inventor:

Wm N. Martin
By his Attorney's A. H. R. K. Evans

UNITED STATES PATENT OFFICE.

WILLIAM NELSON MARTIN, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN BINDERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 125,590, dated April 9, 1872.

To all whom it may concern:

Be it known that I, WM. NELSON MARTIN, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Attachments for Sewing-Machines, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing making a part of this specification, in which—

Figure I is a top view of my improvement. Fig. II is a sectional view through the line *xx*. Figs. III, IV, and V are views of the spring K and curved plate *e*. Fig. VI is a view of the braid or galloon-carrier.

My invention has for its object to provide an improved adjustable binder attachment for sewing-machines, adjustable to the different machines now in use, and as an improvement on my patent dated May 15, 1870, reissued May 9, 1871. It consists in a circular slotted plate, which revolves, and allows a ready adjustment at any point within the circle formed by the slot as its radius. It also consists in a novel-shaped spring for holding the curved plate *e* in position; also in a novel arrangement of the braid or galloon-holder.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

A is a bed-plate, having a circular opening and shoulder, *i*. Within this circular opening I fit a circular plate, B, having in it a slot, *o*, and shoulder, *i'*, and which rotates freely within the opening in the plate A, the shoulder *i'* fitting on the shoulder *i*. Through the slot *o* passes the thumb-screw holding the binder to the machine, by which it is evident the binder

may be adjusted to any machine whose thumb-screw hole comes within the circle traversed by the slot *o*. When the plate B is adjusted within the plate A as desired, it may be held in position when not in use by the screw N and braid-holder M. K is a spring attached to the curved plate *e*, and bearing upon the opposite sides of the standard L of the guide-plate. This spring holds the curved plate *e* in proper position, and it moves up and down with the arm D, and is adjusted with the arm C by means of the adjusting-screw G. M is a braid or galloon-carrier, attached to the bed-plate A by the screw N, and is of the peculiar shape shown in Fig. VI.

I am aware that sewing-machine attachments have been rendered adjustable by means of slots moving in straight lines, as is shown in the patent of E. Bostock, dated July 28, 1868. I therefore do not claim, broadly, an adjustable plate for sewing-machine attachments; but—

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

1. I claim the spring K, constructed as described, in combination with the curved plate *e*, substantially as and for the purpose set forth.

2. In combination with a binding attachment having the spring and curved plate, as specified, I claim the revolving slotted plate B and bed-plate A, substantially as and for the purpose set forth.

W. N. MARTIN.

Witnesses:

E. A. FITCHAND,
J. L. NASON.