

(No Model.)

A. LA G. MAYO.
GUIDE FOR SEWING MACHINES.

No. 423,173.

Patented Mar. 11, 1890.

Fig. 1.

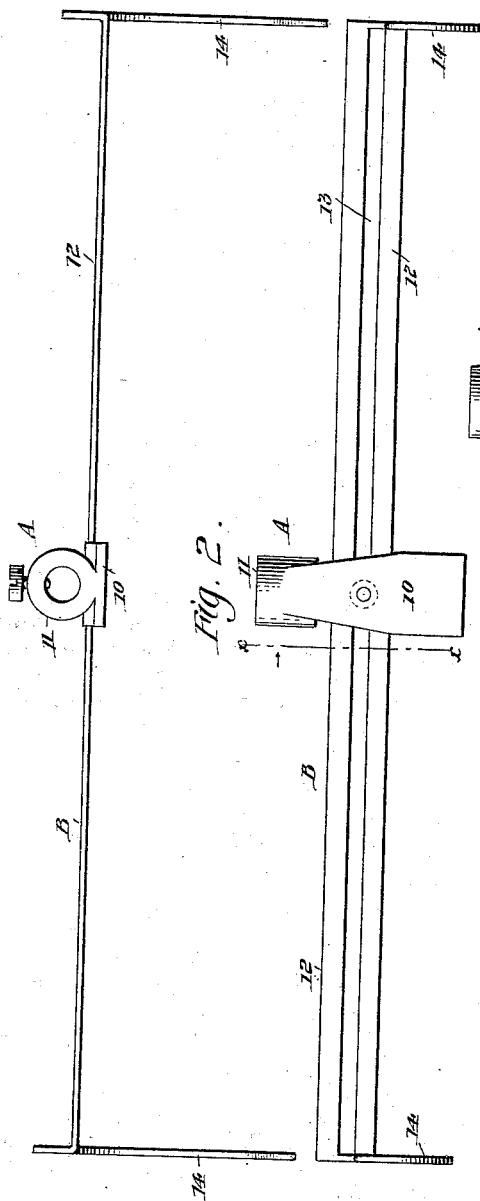


Fig. 2.

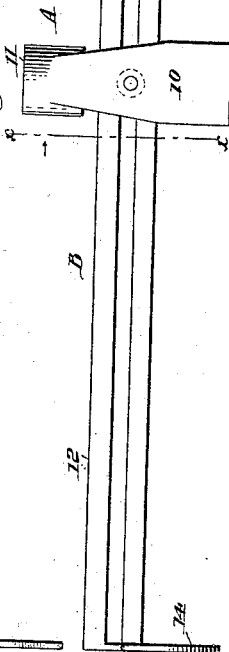
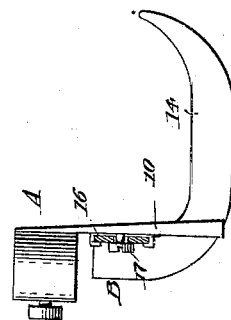


Fig. 3.



WITNESSES:

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GUIDE FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 423,173, dated March 11, 1890.

Application filed July 6, 1889. Serial No. 316,709. (No model.)

To all whom it may concern:

Be it known that I, ALICE LA GUAYRA MAYO, of the city, county, and State of New York, have invented a new and Improved Sewing-Machine Attachment, of which the following is a full, clear, and exact description.

My invention relates to an improvement in sewing-machine attachments, and has for its object to provide a gage capable of use either as a right or left hand gage without being detached from the machine; and a further object of the invention is to provide a gage which may be expeditiously and conveniently adjusted, and of simple, economical, and durable construction.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters and figures of reference indicate corresponding parts in all the views.

Figure 1 is a plan view of the attachment. Fig. 2 is a side elevation, and Fig. 3 is a vertical section on line *x x* of Fig. 2.

The device consists, practically, of two sections—namely, a body A and a gage-bar B.

The body A comprises a perpendicular standard 10, preferably narrow at the upper end and wider and thicker at the base, as shown, but which may be otherwise formed, and a sleeve 11, rigidly attached to the standard upon one side at the upper end. This sleeve is adapted to receive the presser-bar of a machine, and is secured thereto by a set-screw or equivalent device.

The gage-bar B, which is capable of sliding upon the standard of the body, is constructed of two spaced parallel flat plates 12, whereby an essentially central space 13 is obtained; or it may be a single plate provided with a longitudinal slot, and at each extremity of the

plate or plates 12 one end of an arm 14 is firmly fastened, each of which arms is carried downward from the plates parallel with the side faces and at right angles outward from the inner face, the free ends of the arms being curved upward, as best illustrated at 15 in Fig. 3. Upon the inner face of the standard 10 of the body a slideway 16 is formed, ordinarily by securing to the standard a bracket, the upper and lower ends of which are carried horizontally from the standard and perpendicularly one in direction of the other, as best shown in the said Fig. 3. The body bar or bars of the gage are introduced into the bracket, the outer side of the former facing the inner side of the standard, and a set-screw 17, of any approved type, is passed through the space or slot 13 into the bracket and standard, whereby the gage-bar may be slid to the right or left and secured at any point in its length. When the gage-bar is placed in position, the lower edge of the horizontal section of the arm is practically in the same plane with the lower edge of the standard, or the arms may extend farther downward than the standards, as in practice may be found most desirable.

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

In a sewing-machine attachment, the combination, with a standard adapted for attachment to the presser-bar, of a gage-bar provided with a longitudinal opening held to slide upon one face of the standard, arms projected downward and outward at an angle to the ends of the bar provided with upwardly-curved outer extremities, and means, substantially as described, for securing the bar to the standard, as and for the purpose specified.

ALICE LA GUAYRA MAYO.

Witnesses:

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