(No Model.)

M. E. HUNTER.

GUIDE FOR SEWING MACHINES.

No. 389,152. Patented Sept. 4, 1888.

Fig. 1.

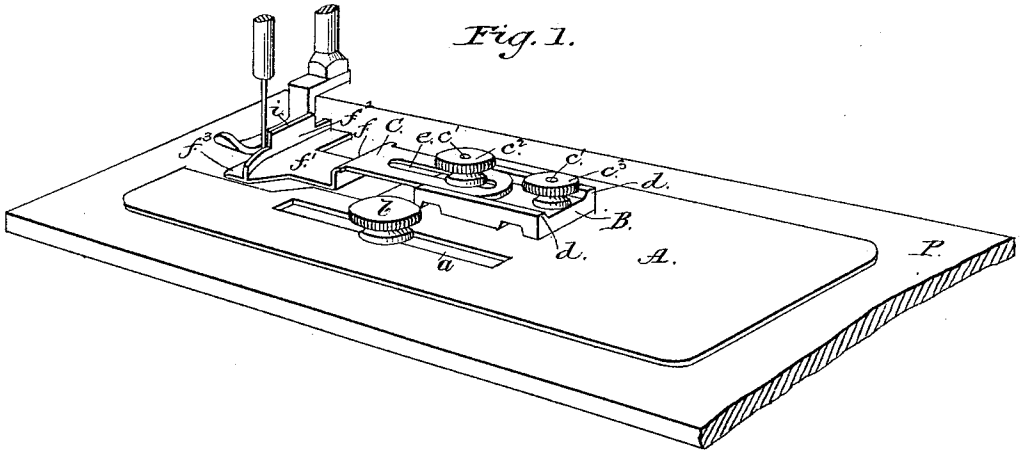


Fig. 2.

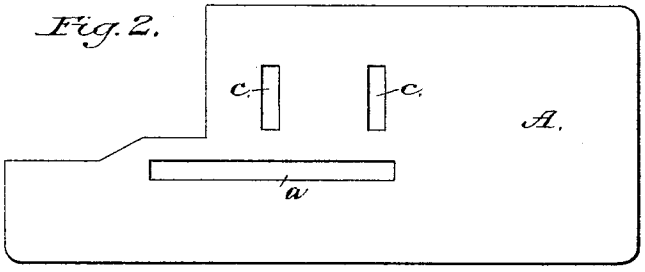


Fig. 3.

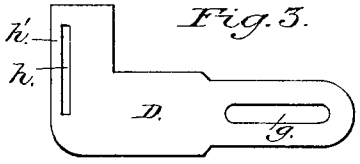
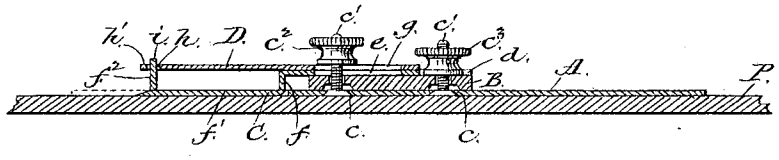


Fig. 4.

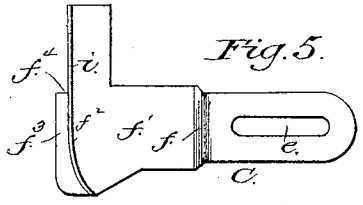


WITNESSES:

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Fig. 5.



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UNITED STATES PATENT OFFICE.

MARY E. HUNTER, OF OSBORN, OHIO.

GUIDE FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 389,152, dated September 4, 1888.

Application filed December 10, 1887. Serial No. 257,498. (No model.)

To all whom it may concern:

Be it known that I, MARY E. HUNTER, of Osborn, in the county of Greene and State of Ohio, have invented a new and Improved Sewing-Machine Gage, of which the following is a full, clear, and exact description.

The object of my invention is to provide an improved and practical sewing-machine gage or guide for sewing straw braid, and which may be applied to any sewing-machine.

The invention consists of a sewing-machine gage-plate constructed as hereinafter described and claimed.

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

Figure 1 is a perspective view of a part of a sewing-machine bed-plate having my new gage applied thereto, said figure showing also the lower ends of the needle and presser bars and the needle and presser-foot of the sewing-machine. Fig. 2 is a plan view of the base-plate of the gage. Fig. 3 is a plan view of the removable top plate used for wide braid. Fig. 4 is a sectional view of the base-plate of the sewing-machine and of the gage arranged for use in stitching wide braid, and Fig. 5 is a plan view of the gage-plate C removed.

The base-plate A of the gage is formed with a slot, *a*, through which a thumb-screw, *b*, may pass for securing the gage to the bed-plate P of the sewing-machine. Said base-plate A is also formed with the two transverse slots *c c* at right angles to the slot *a*, through which the screws *c' c'* are passed for holding the block B, by means of nuts c^2 c^3, to the base-plate A. The block B is flanged at its side edges, as shown at *d*, and it may be adjusted laterally in the slots *c* for properly locating the gage-plate C, held upon the block B by the nut c^2 and its screw. The plate C is slotted at *e* to fit over the inner screw, *c'*, and it is bent at *f* to carry the lower portion, *f'*, down to adapt it to rest upon the bed-plate P of the sewing-machine. Upon the upper surface of the lower plate portion, *f'*, of the gage-plate C, and near its edge, is formed or secured the flange f^2. This is slightly curved at its front end, as shown clearly in Figs. 1 and 5, and the plate is extended past the curved portion of the said flange, as shown at f^3, forming the notch f^4, so that the said flange f^3 may stand in front of the needle and support the braid. The flange f^2 is cut away at its ends to form the projection *i* to stay the top plate, D, used in stitching wide braid. The top plate, D, is slotted, as shown at *g*, for the passage of the inner screw, *c'*, so it may be held upon the gage C by the nut c^2, and this plate D is also slotted at *h* to receive the flange *i*, as shown in Fig. 4. The portion *h'* of the top plate, D, that projects beyond the slot *h*, forms an upper guide for the braid and holds it down in place.

In use for narrow braid the gage will be applied to the sewing-machine, as shown in Fig. 1, with the flange f^2 against the side of the presser-foot. The braid will be passed through the machine with the outer edge of the strip of braid running against the flange f^2. This being curved, the braid is held easily to place and may be very rapidly and accurately stitched.

For wide braid the gage will be properly adjusted to suit its width and the plate D will be put in place, as shown in Fig. 4, and the gage used as before, the flange *h'* serving to retain the outer edge of the strip of braid.

By forming the block B with the flanges *d* the plates C and D may be practically held by a single screw and nut, as the flanges prevent said plates from turning upon the screw.

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

1. The base-plate A, formed with the slot *a*, to receive the plate-screw, in combination with the upper block, B, held upon the base-plate A by screws and nuts, and the bent guide-plate C, formed with a curved guide-flange and bent at or about the center at *f* and held upon the block B, substantially as described.

2. The base-plate A, upper block, B, secured thereon, and the bent guide-plate C, held upon the said upper block and formed with an upwardly-projecting guide-flange having a projection, *i*, in combination with the upper plate, D, formed with holding-slot *g*, and also with a slot, *h*, near its outer edge to receive the said projections *i*, substantially as described.

MARY E. HUNTER.

Witnesses:
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