

Binding attachment for Sewing machines

invented by

PATENTED JUL 4 1871

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Fig. 1.

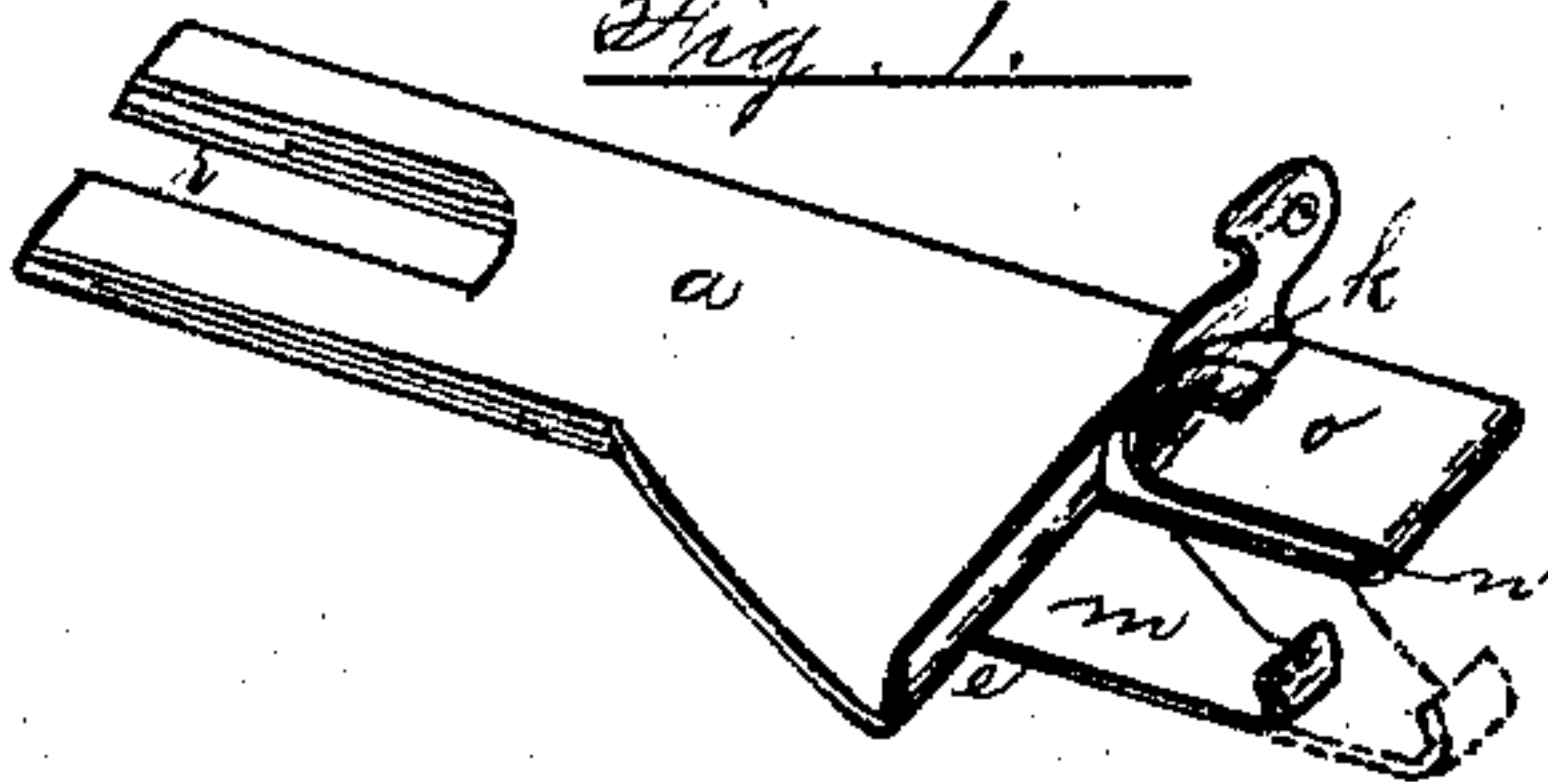


Fig. 5.

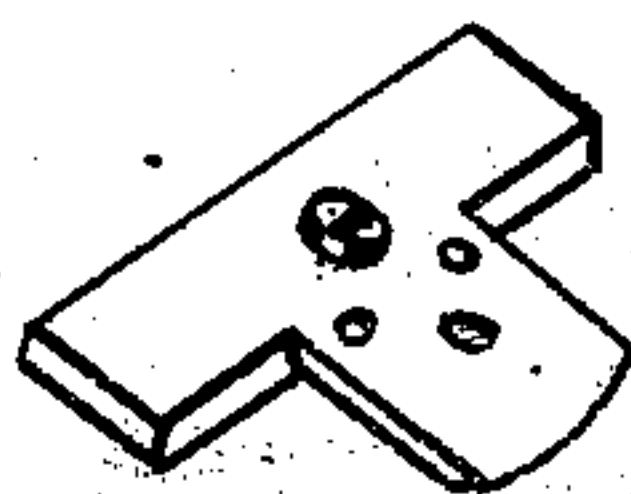


Fig. 2.

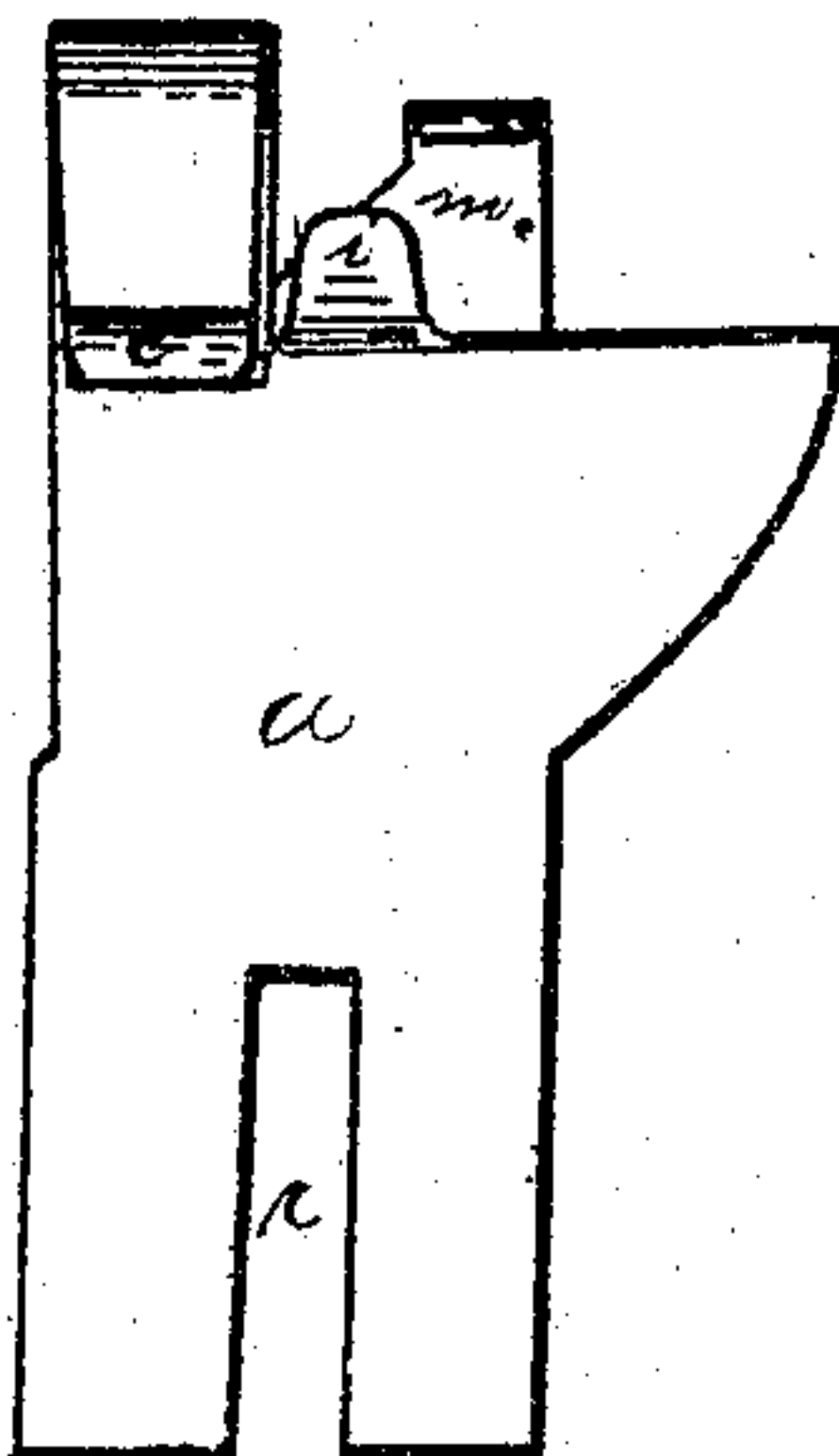


Fig. 3.

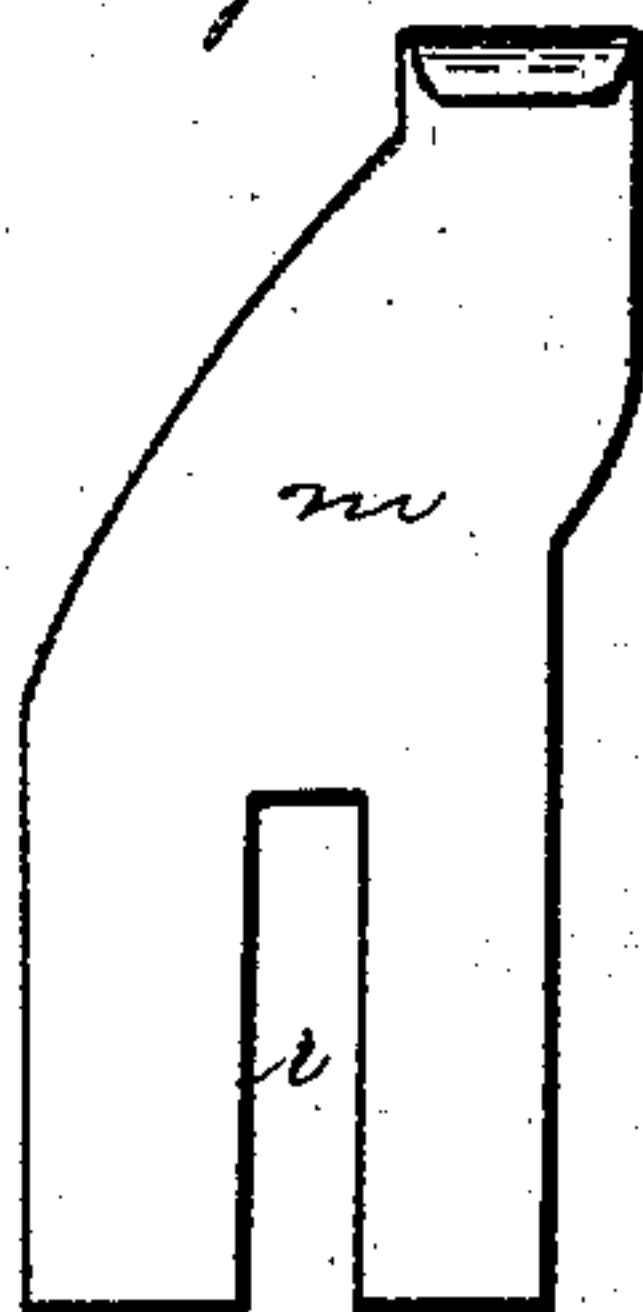
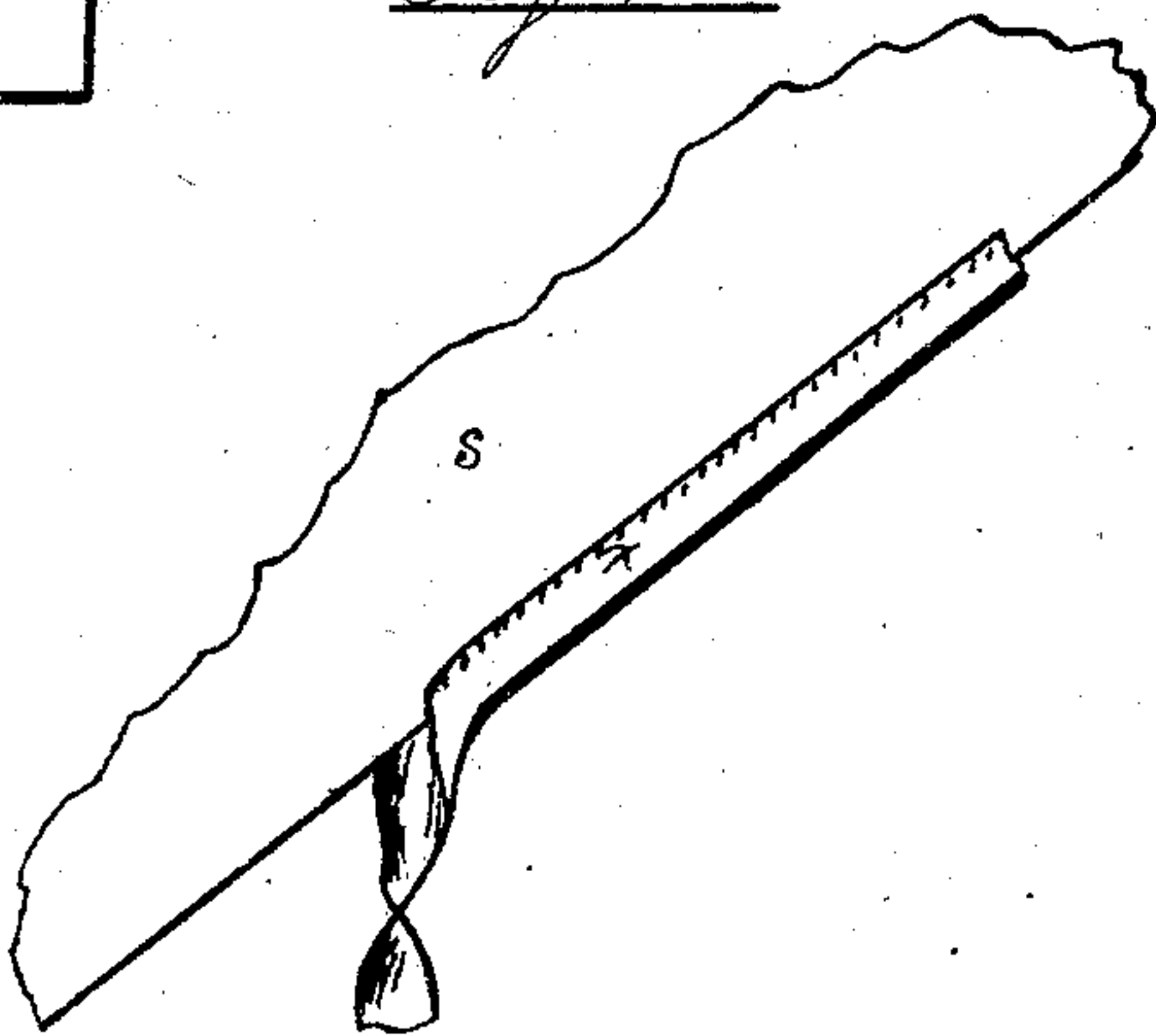


Fig. 4.



Witnesses

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GEORGE E. DOLTON, OF MONEE, ILLINOIS.

IMPROVEMENT IN BINDING ATTACHMENTS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 116,570, dated July 4, 1871.

To all whom it may concern:

Be it known that I, GEORGE E. DOLTON, of Monee, in Will county and State of Illinois, have invented a new and useful Binding Attachment for Sewing-Machines; and that the following is a full, clear, and exact description of the same, reference being had to the annexed drawing making a part of this specification, in which—

Figure 1 is a perspective view; Fig. 2, a plan view on the top; Fig. 3, a plan view of the sliding gauge; Fig. 4, a perspective view of the work to be performed by the device; and Fig. 5, a perspective view of the foot-gauge.

The object and use of my invention are to stitch binding on the edge of garments, as shown in Fig. 4. The distinctive feature of my invention is to be self-acting or to guide the binding itself, without interference by the operator. The peculiar construction of the device is particularly shown in Fig. 1; and consists of two parts, *a* and *m*. *m* is a sliding adjustable gauge, constructed with a hook at the outer end, as shown, to gauge the width of the binding and seam. The part *a* is furnished with a slot, *n*, at the outer end, for the reception of a thumb-screw, to fasten the device to the sewing-machine plate. The inner end terminates in two upright guide-hooks, *c* and *i*, as shown in Fig. 1, for the purpose of guiding the binding, which is placed edgewise

down between the said guide-hooks, with the lower edge running out into the slot *n* under the garment onto which it is to be stitched, with said edge resting against the hook on the end of the sliding gauge *m* to regulate the width of the stitch, the upper edge of the binding being guided by the device, shown in Fig. 5, which is attached to the foot of the sewing-machine. The garment *S* passes along on the plate *o*, with the edge against the bend or angle *k*, so as to catch the needle, which passes down about the location of *e*, Fig. 1. The peculiar curve of the guide-hooks *c* and *i* being contrary to each other causes the braid or binding *x* to stay in place and run through itself without interference by the operator, who only has to guide the garment *S* and keep it in the location as before described.

I claim—

The self-acting device, for binding garments, described, consisting of the plate *a*, furnished with the guide-hooks *c* and *i* and slot *n*, in combination with the adjustable slide-gauge *m*, all arranged, operating, and constructed substantially as and for the purposes set forth.

GEORGE E. DOLTON.

Witnesses:

THOS. H. HUTCHINS,
HENRY LOWE.