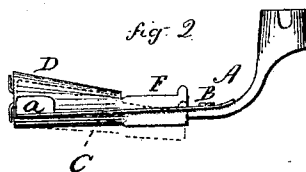
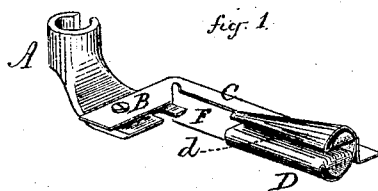


M. J. STOLL.

Binders for Sewing-Machines.

No. 135,381.

Patented Jan. 28, 1873.



Witnesses

J. H. Shumway

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UNITED STATES PATENT OFFICE.

MARSHALL J. STOLL, OF MIDDLETOWN, CONNECTICUT.

IMPROVEMENT IN BINDERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 135,381, dated January 28, 1973.

To all whom it may concern:

Be it known that I, MARSHALL J. STOLL, of Middletown, in the county of Middlesex and State of Connecticut, have invented a new Improvement in Binder for Sewing-Machines; and I do hereby declare the following, when taken in connection with the accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents, in—

Figure 1, a perspective view, and in Fig. 2 a back-side or rear view.

This invention relates to an improvement in binders for sewing-machines, the object being the self-adjustment of the binder to different thicknesses of fabric; and it consists in attaching the folding device, at the rear end, to a spring, so that the forward end or lip of the binding device will be self-adjusting to different thicknesses of material being bound.

A is the presser-foot, to which an arm, B, is attached, this arm running back in the form of a spring, to the outer end of which, as at *a*, the folding device *d* is attached. This folding device is formed in substantially the usual manner, with a mouth, *d*, through which the material to be bound passes, and with a funnel-shaped guide above and below, through

which the binding material runs, and by which the binding material is folded upon the upper and lower surface of the material to be bound. From the forward end of the binder a lip or guide, F, extends between the presser-foot and spring C.

The spring C allows the forward end of the folding device to be depressed, as denoted in broken lines, Fig. 2, or raised, as required. If the material to be bound be thick, as it passes beneath the presser-foot it is necessary that the folding device be depressed as the presser-foot is raised, in order that the folding device be always in the same relative position to the table; hence, if the material be thick the presser-foot will be raised and the forward end of the folder and its lip depressed, thus remaining in the same relative position to the table, the spring yielding for that purpose.

I claim as my invention—

The folding device D attached at or near its receiving end to the spring C, and provided with a lip, F, extending forward between the presser-foot and the spring C, all constructed and operating as described.

MARSHALL J. STOLL.

Witnesses:

FRANK D. STOUT,
W. L. BLAKE.