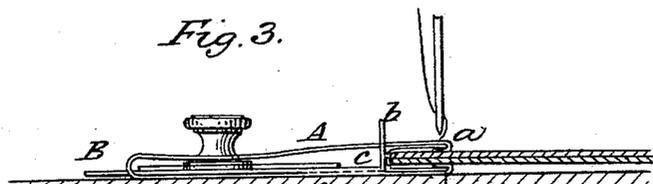
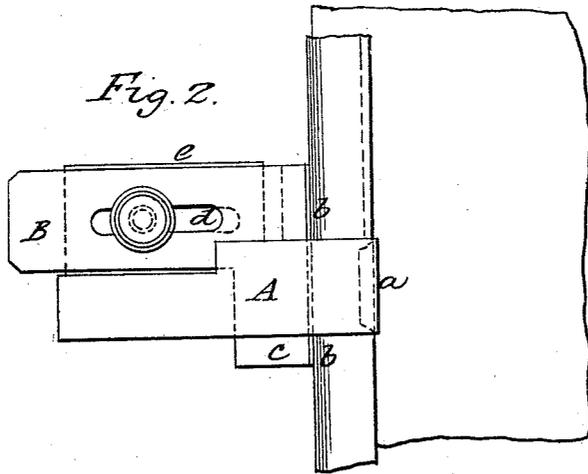
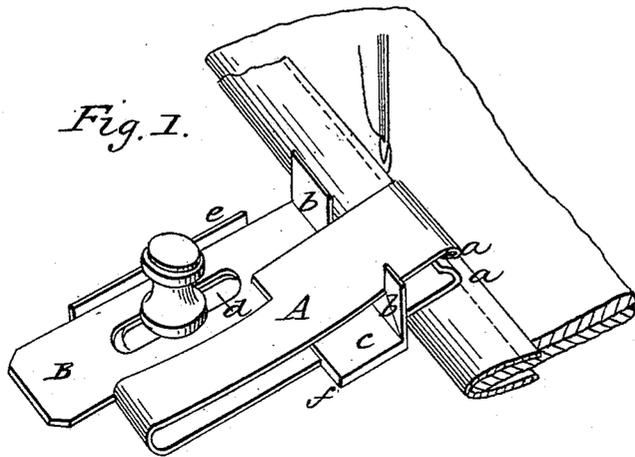


W. M. STODDARD.
Binder for Sewing Machines.

No. 83,742.

Patented Nov. 3, 1868.



Witnesses:
R. J. Campbell
S. R. Campbell

Inventor:
Wm M Stoddard
by his Agents
Mason Hewitt Lawrence

United States Patent Office.

WILLIAM M. STODDARD, OF SAN FRANCISCO, CALIFORNIA.

Letters Patent No. 83,742, dated November 3, 1868.

IMPROVEMENT IN BINDER FOR SEWING-MACHINE.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM M. STODDARD, of the city and county of San Francisco, in the State of California, have invented new and improved Binding-Attachment for Sewing-Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of the improved device, showing, by the aid of red lines, the manner of guiding and sewing binding upon the edge of a piece of cloth.

Figure 2 is a top view of the device.

Figure 3 is an edge view of the same.

Similar letters of reference indicate corresponding parts in the several figures.

This invention relates to a new and useful improvement on devices which are designed for turning or folding and guiding binding-material during the act of sewing it upon cloth by sewing-machinery. It consists in a binder which will admit of being adjusted to suit the various widths of binding and thickness of material used, and which will hold and guide the binding by its edges while it is being stitched upon the edges of the material, as will be hereinafter explained.

To enable others skilled in the art to understand my invention, I will describe its construction and operation.

In the accompanying drawings, A represents a thin spring-plate, which is bent in the form of the letter U, with its free ends turned inward, so as to form hooked guides *a a*, for receiving and guiding the edges of binding-material, as indicated by red lines in the drawings. The lower limb or portion of the U-shaped plate has a lateral extension upon one side of it, through which an oblong slot is made for receiving a clamp-screw, which is tapped into the cloth-plate of a sewing-machine, for confining the device in place thereon. The edge of said extension is turned up at *e*, so as to form a flange or guide for guiding and keeping in place a slide, B.

The slide B is cut or stamped out of a piece of sheet-metal, and is in form of the letter L, so that it will lie flatly upon the base-portion of the plate above described, with one edge abutting against the upturned guide-flange *e*. This slide B has one edge turned up, so as to form a guide, *b*, for the binding, as this latter is fed

beneath the needle of the sewing-machine. The guide *b* is cut out, as shown in the drawings, to receive and keep in place laterally the upper limb or portion of the hooked guide, the hooked end of which extends beyond said guide *b*, as shown. The slide B is also constructed with an oblong slot, *d*, through it, which slot is made so as to be directly over the corresponding slot through the bed-piece. By having two offsets, *f*, upon the bottom of the slide B, arranged so as to abut against the edges of the extended and hooked base-portion of plate A, they will serve, in conjunction with the flange *e*, as guides to the plate B, for keeping the binding-guide *b* at right angles to the length of the hooked-spring guides.

By means of a single clamp-screw passed through the two oblong slots *d* into the cloth-bed of a sewing-machine, the two pieces constituting my improved binder can be secured down firmly upon the cloth-plate, and held in any desired position thereon for operation; and by loosening said screw, the two pieces A B can be adjusted for any desired width of binding.

Red lines indicate the binding of cloth, and show plainly the manner of holding and guiding the binding in the act of feeding it beneath the needle. It will be seen that the upper portion of the U-shaped hooked guide will, on account of its springing action, adjust itself to the thickness of the cloth passed beneath it, and hold the upper edge of the binding down closely upon the cloth.

It will also be seen that my improved binder is composed of but two pieces, A B, struck out of sheet-metal, and bent into such shape as will afford the proper guides for the work, and allow of such guides being adjusted for binding of different widths.

Having described my invention,

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

The two pieces, A B, shaped, bent, and otherwise constructed and arranged, substantially in the manner and for the purposes described.

Witness my hand, in the matter of my application for a patent on an improvement in braid-binding guides for sewing-machines, this 2d day of July, 1868.

WM. M. STODDARD.

Witnesses:

WM. T. FONDA,
HENRY HAIGHT.