

No. 742,257

PATENTED OCT. 27, 1903.

W. L. SWIFT.  
FOLDING GUIDE FOR SEWING MACHINES.

APPLICATION FILED MAR. 5, 1901.

NO MODEL.

Fig. 1.

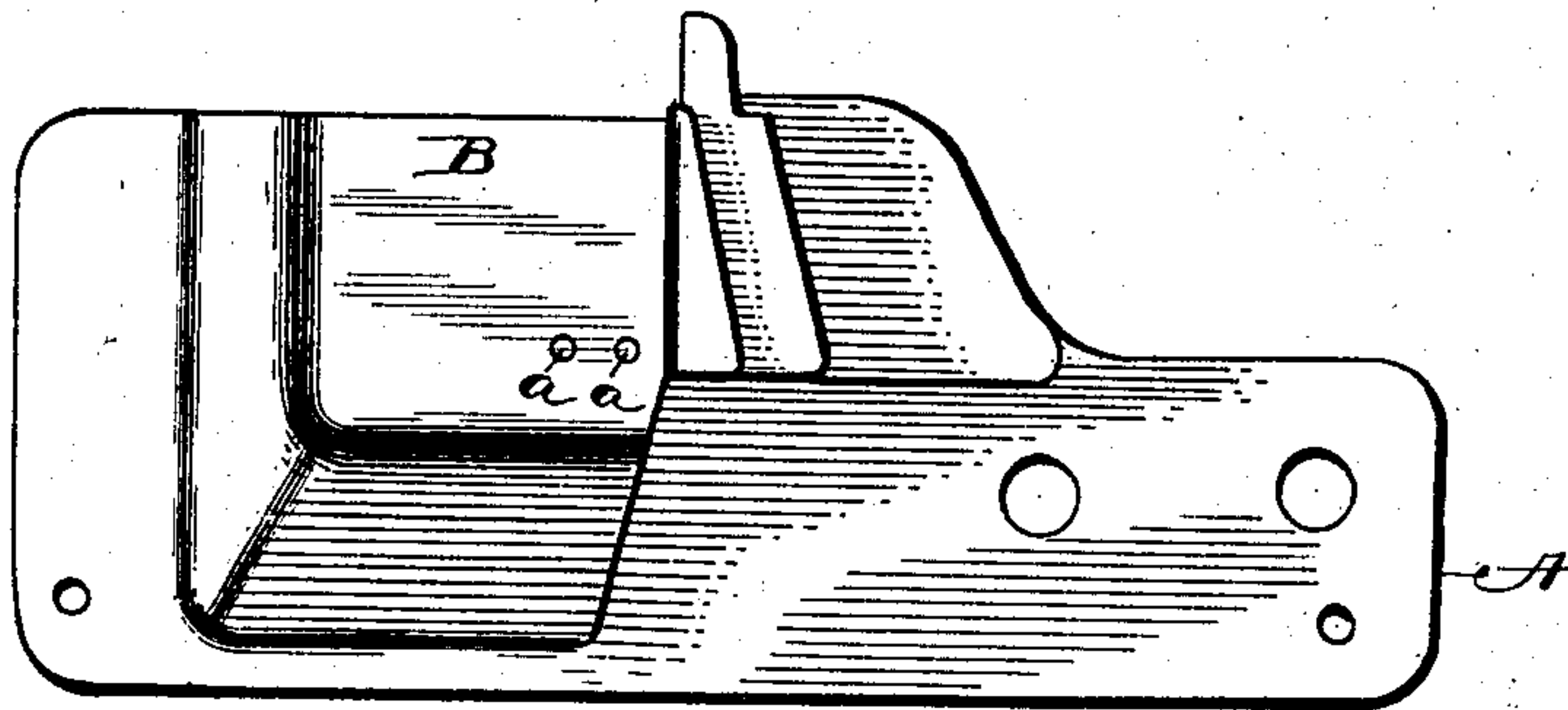


Fig. 2.

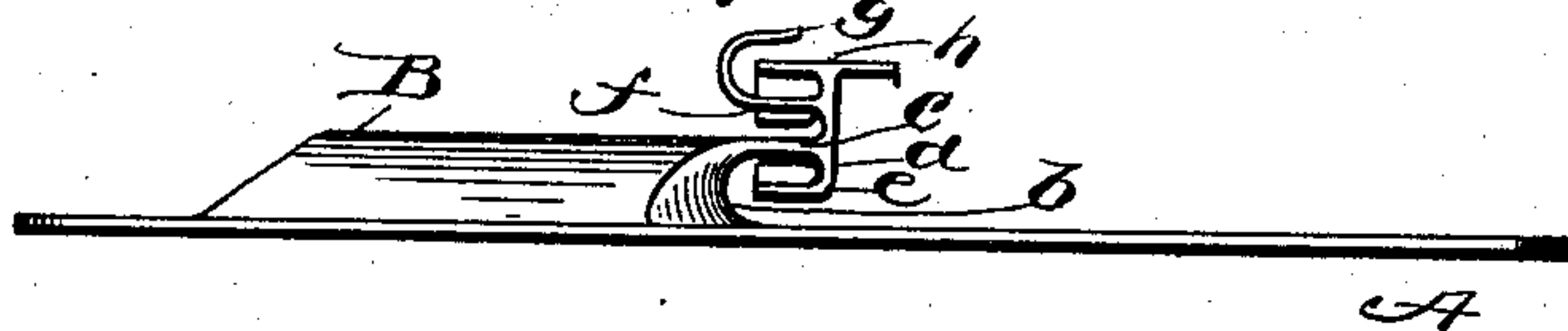
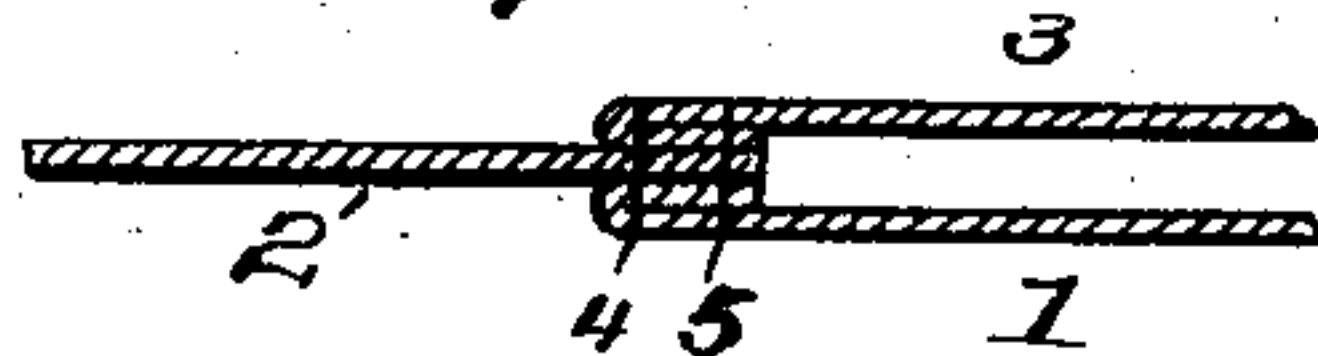


Fig. 3.



Fig. 4.



Witnesses

J. M. Fowler Jr.  
Geo. H. Evans

Inventor  
Wilbur L. Swift  
by  
Stewart & Greely  
Attorneys



# UNITED STATES PATENT OFFICE.

WILBUR L. SWIFT, OF NEW YORK, N. Y., ASSIGNOR TO UNION SPECIAL SEWING MACHINE CO., OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

## FOLDING-GUIDE FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 742,257, dated October 27, 1903.

Application filed March 5, 1901. Serial No. 49,729. (No model.)

*To all whom it may concern:*

Be it known that I, WILBUR L. SWIFT, a citizen of the United States, residing at New York, in the county of New York, State of New York, have invented certain new and useful Improvements in Folding-Guides for Sewing-Machines, of which the following is a description, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon.

My invention relates to an improvement in folding-guides for attachment to sewing-machines; and the especial object is to provide an attachment for properly folding and guiding to the stitch-forming mechanism of a sewing-machine an upper and a lower layer of fabric with an intermediate fabric opposed thereto and with its edge overlapped and underlapped, respectively, by said other two pieces of fabric, said intermediate piece being ruffled and the three fabrics fed to the stitch-forming mechanism of a sewing-machine, by which they are firmly united.

The invention therefore consists in the matters hereinafter described, and referred to in the appended claims.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of a folding-guide embodying my invention. Fig. 2 is an end view, Fig. 3 is a side view, and Fig. 4 a sectional view, of a fabric after it has been folded and guided by my attachment and sewed on the machine.

In the drawings, A represents the base piece or plate, adapted for attachment to the cloth-plate of a sewing-machine.

B is a raised portion, to the upper side of which by screws passing into the openings a is secured the stripper-plate. (Not shown.) To this raised portion is attached or with it is formed the folder proper, which with the raised portion forms three folding and guiding recesses.

The side wall b of the raised portion, with the horizontal projection c thereon and the vertical wall d and lip e, forms the lower folding and guiding recess for the lower fabric 1.

The top side of the horizontal projection c,

with the vertical wall d and the lower side of the horizontal wall f, forms the recess for the central piece of fabric 2 or part which is to be ruffled, while the remainder of the vertical wall d, with the inwardly-turned lip g and the under side of the flat wall h, forms the folding and guiding recess for the upper layer of fabric 3.

As shown in Fig. 4, the three pieces of fabric 1, 2, and 3 are folded and guided and secured together by two lines of stitching 4 and 5, as shown.

In order to securely hold or press the folded edges of the fabrics together until they come under the action of the stitching mechanism, I provide the lower lip e and the upper flat part h at their extreme forward ends adjacent the toe of the presser-foot with vertically-converging tongues i, so that between them they will hold the thicknesses of fabric together as they come out of the folding and guiding recesses, and thus prevent their getting out of correct alinement while they are passing from the folding and guiding recesses to the stitch-forming mechanism of the sewing-machine.

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

1. The herein-described folding-guide comprising a series of folding and guiding walls forming folding and guiding recesses, the upper and lower walls of said folding and guiding recesses projecting beyond said recesses and having at their extreme forward ends tongues bent out of the plane of the walls toward each other, whereby the thicknesses of the fabric may be pressed together and held in correct alinement while passing to the stitch-forming mechanism of the sewing-machine; substantially as described.

2. The herein-described folding-guide, comprising a series of folding and guiding walls superposed one upon the other and forming a recess for an intermediate fabric, and folding and guiding recesses above and below said intermediate recess and opposed thereto, the upper and lower walls of the two folding and guiding recesses projecting beyond said

recesses and having at their extreme forward  
ends tongues bent out of the plane of the  
walls toward each other, whereby the thick-  
nesses of the fabric may be pressed together  
5 and held in correct alinement while passing  
to the stitch-forming mechanism of the sew-  
ing-machine; substantially as described.

In testimony whereof I affix my signature  
in presence of two witnesses.

WILBUR L. SWIFT.

Witnesses:

F. A. NORTH,  
G. B. OSTERHOUT.