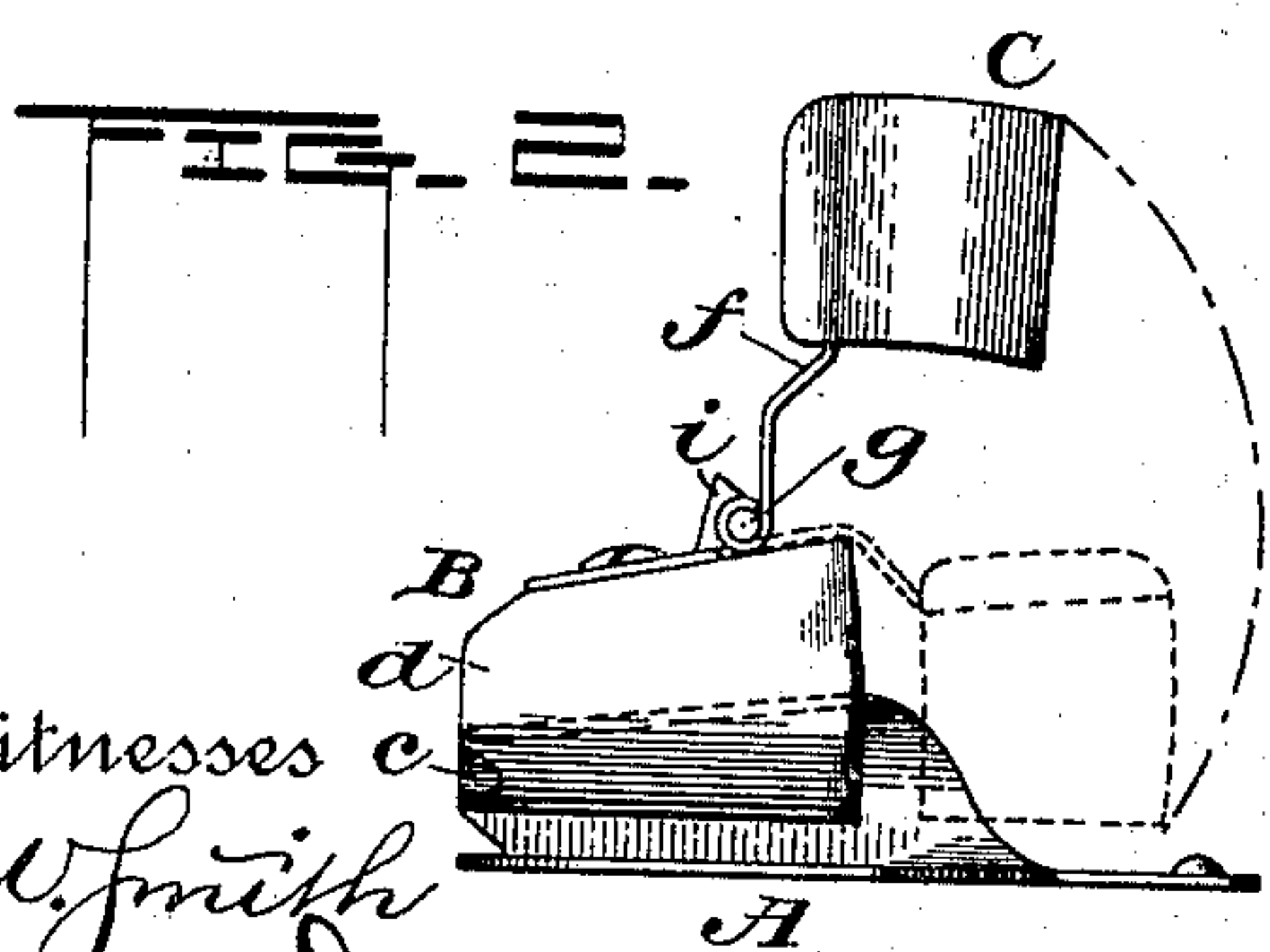
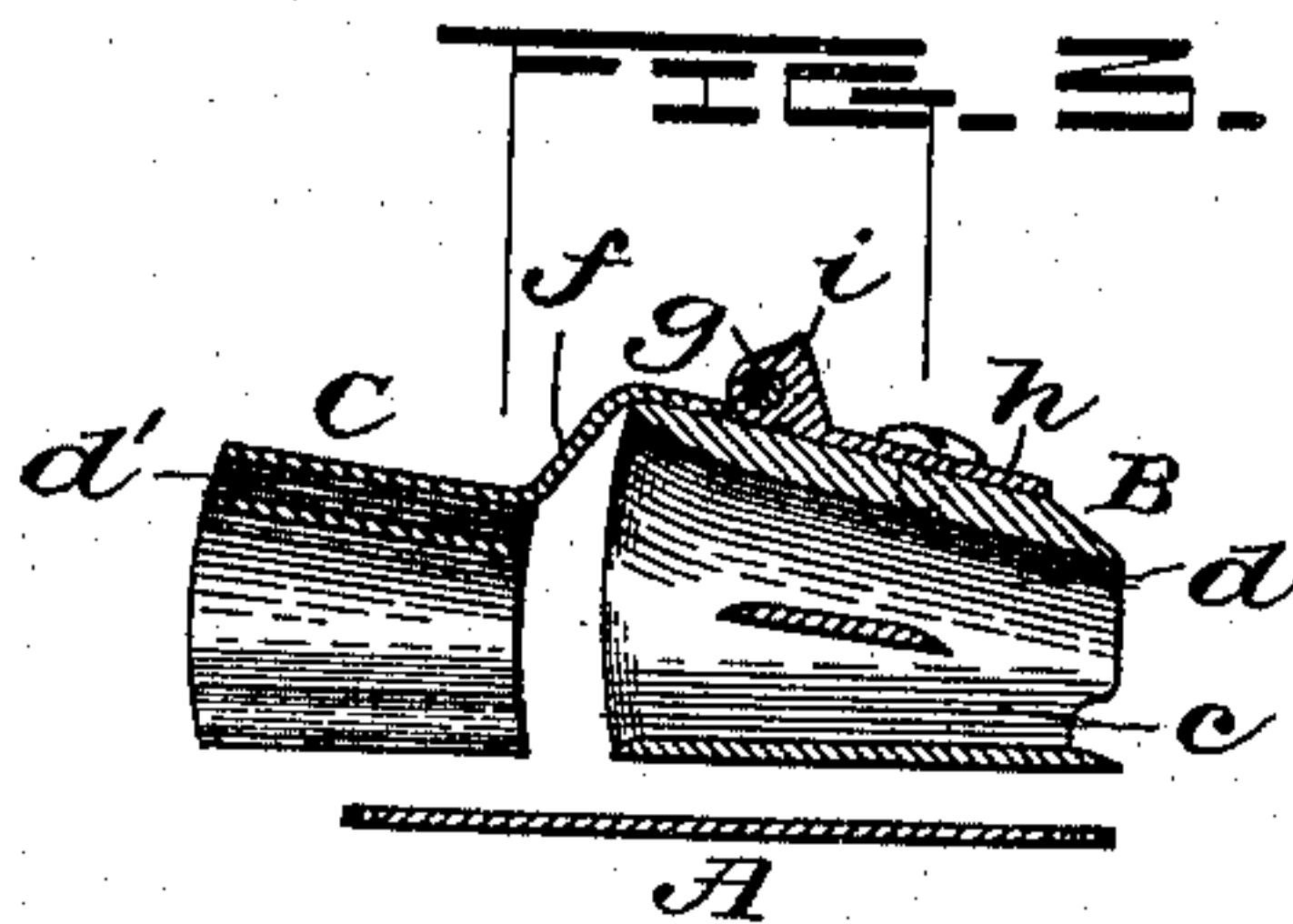
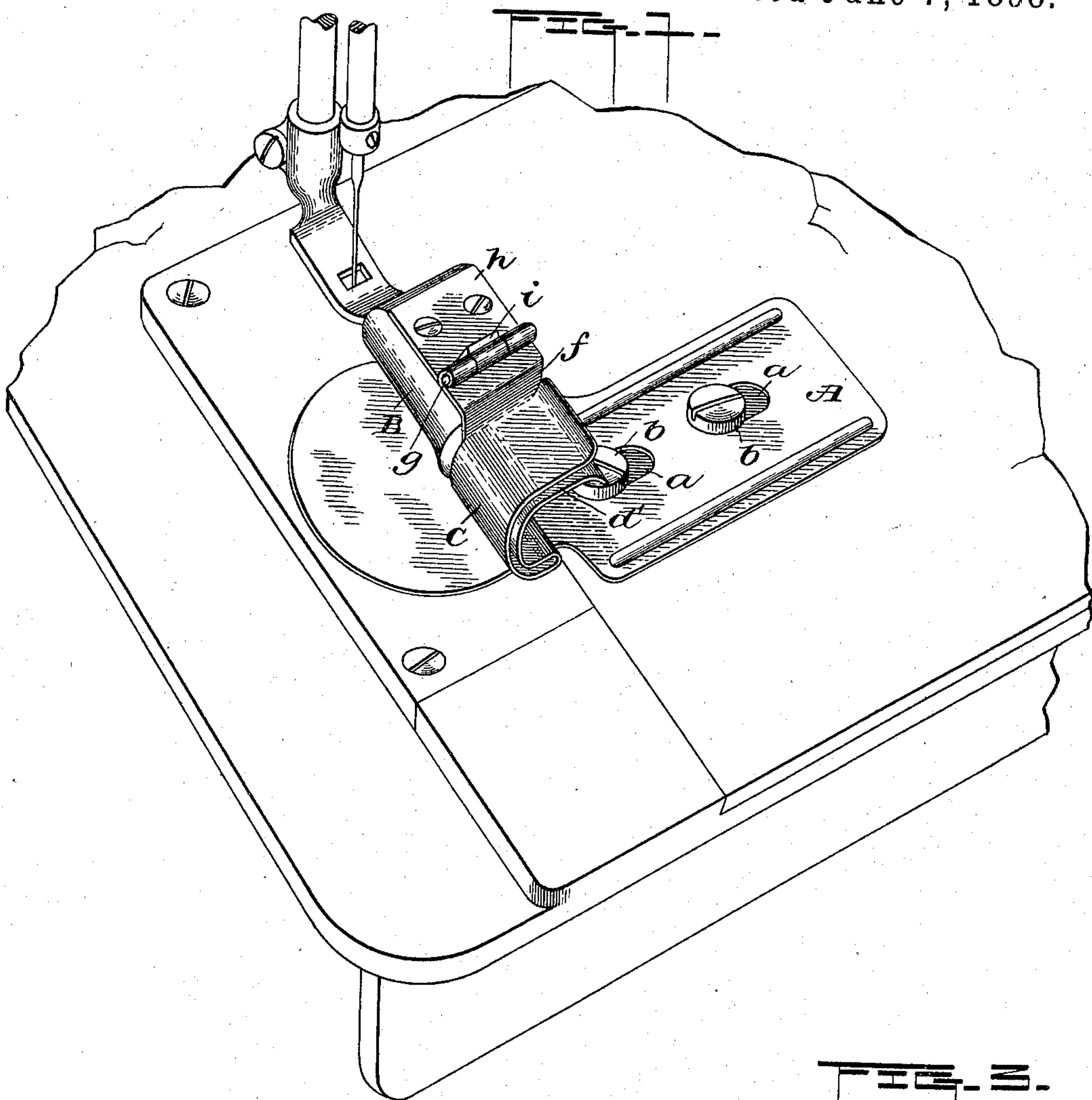


(No Model.)

L. MUTHER.  
FOLDING GUIDE FOR SEWING MACHINES.

No. 605,324.

Patented June 7, 1898.



Witnesses  
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# UNITED STATES PATENT OFFICE.

LORENZ MUTHER, OF OAK PARK, ILLINOIS, ASSIGNOR TO THE UNION  
SPECIAL SEWING MACHINE COMPANY, OF CHICAGO, ILLINOIS.

## FOLDING-GUIDE FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 605,324, dated June 7, 1898.

Application filed February 10, 1896. Serial No. 578,725. (No model.)

*To all whom it may concern:*

Be it known that I, LORENZ MUTHER, a citizen of the United States, residing at Oak Park, in the county of Cook, State of Illinois, have  
5 invented certain new and useful Improvements in Folding-Guides, of which the following is a description, reference being had to the accompanying drawings and to the letters of reference marked thereon.

10 My invention relates to sewing-machines, and particularly to an improvement in folding-guides.

In the use of a folding-guide for making welt-seams the parts of the folder through  
15 which the material is guided must be large enough to allow of portions of increased thickness, such as seams of different layers, passing through, and by reason of the amount of space required for the passage of such thick-  
20 ened portions it has been found that in sewing goods of the ordinary thickness and particularly heavy jean goods the edges will curl up and prevent the formation of a neat seam.

25 The object of the present invention therefore is to provide a supplemental folding-guide which may be moved into position and guide the upper layer of goods when an ordinary welt-seam is to be made, but which may  
30 be moved out of the way of the operator when thickened portions of the seam are to be folded.

The invention consists in the matters hereinafter described, and referred to in the ap-  
35 pended claims.

In the accompanying drawings, Figure 1 is a perspective view of a portion of a sewing-machine with my improved folder attached. Fig. 2 is a side view of the folder, showing  
40 the supplemental part elevated out of the way of the operator. Fig. 3 is a longitudinal section.

In the drawings the parts of the sewing-machine are of usual construction and need  
45 not herein be especially referred to by letters, and said machine may be either single or

multiple needle and have a cylindrical or flat bed-plate.

A represents the base of the folder proper, adjustably secured to the bed-plate of the  
50 machine by the slots and screws *a b*.

The folding-guide B is of usual construction, having the space *c* to guide the lower piece of the fabric and the space *d* to guide the upper portion of the goods, the space *d*  
55 being deep enough to accommodate and allow of the free passage therethrough of pieces of fabric of increased thickness, such as seams. This folder B is adapted with the stitching mechanism in rear to make a welt-  
60 seam.

As stated hereinbefore, in certain classes of goods and where the usual thickness is being sewed there is danger, by reason of the size of the space *d*, of curling of the goods,  
65 and to obviate this a supplemental folding-guide C is provided. This has a curved space *d'*, adapted for the reception of the upper layer of fabric, and this space, while registering with the space *d* in the folder B, is con-  
70 siderably smaller and not adapted to receive any increased thickness of material, and therefore when seams are to be crossed must be moved out of the way by the operator. To provide for readily swinging it out of the  
75 way, it is provided with a bent flange *f*, formed with eyes adapted to embrace a pintle *g* on the plate *h*, screwed to the main folder B. A stop *i* is provided to limit the movement  
80 of the hinged folder C.

Various modifications and changes in the construction of this device may be made without departing from the spirit of my invention.

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

1. A folding device comprising a base-plate having attaching means and carrying a folding-guide, and a supplemental guide hinged  
90 to the main guide and having its guiding-channel when in operative position in longitudinal alinement with the guiding-channel

of the main guide and being of the same character as the latter, but of a smaller caliber, substantially as described.

2. A folding device comprising a base-plate  
5 having attaching means and carrying a folding-guide, a plate removably secured to said folding-guide, a supplemental guide hinged to said plate and having its guiding-channel when in operative position in longitudi-

nal alinement with the guiding-channel of the main folding-guide, substantially as described.

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

LORENZ MUTHER.

Witnesses:

CHAS. L. STURTEVANT,  
CHESTER McNEIL.