

No. 741,682.

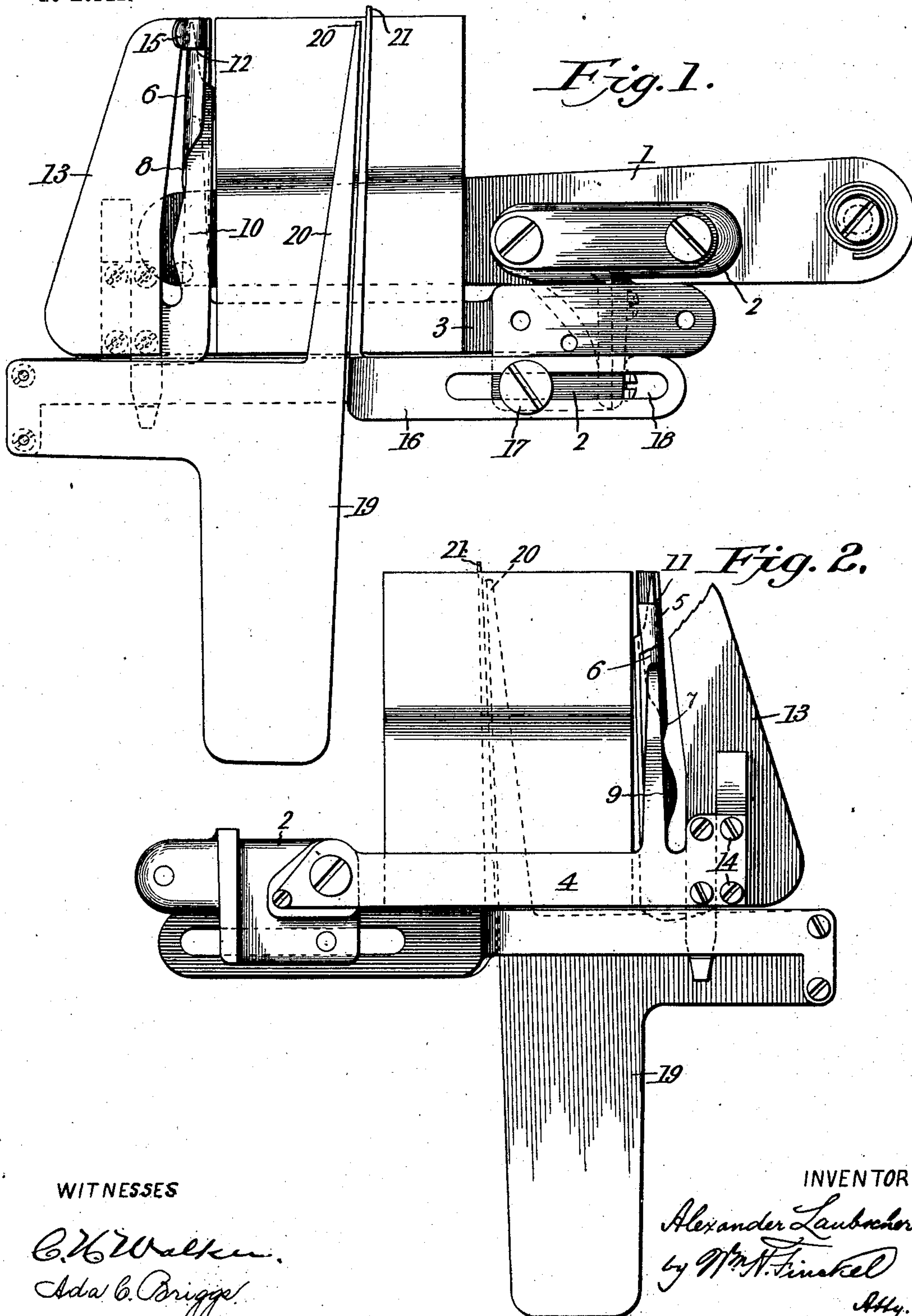
PATENTED OCT. 20, 1903.

A. LAUBSCHER.  
HEMMER FOR SEWING MACHINES.

APPLICATION FILED FEB. 19, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



WITNESSES

*C. H. Walker.*  
*Ada C. Briggs.*

INVENTOR

*Alexander Laubscher*  
*by W. H. Finckel*  
*Att'y.*

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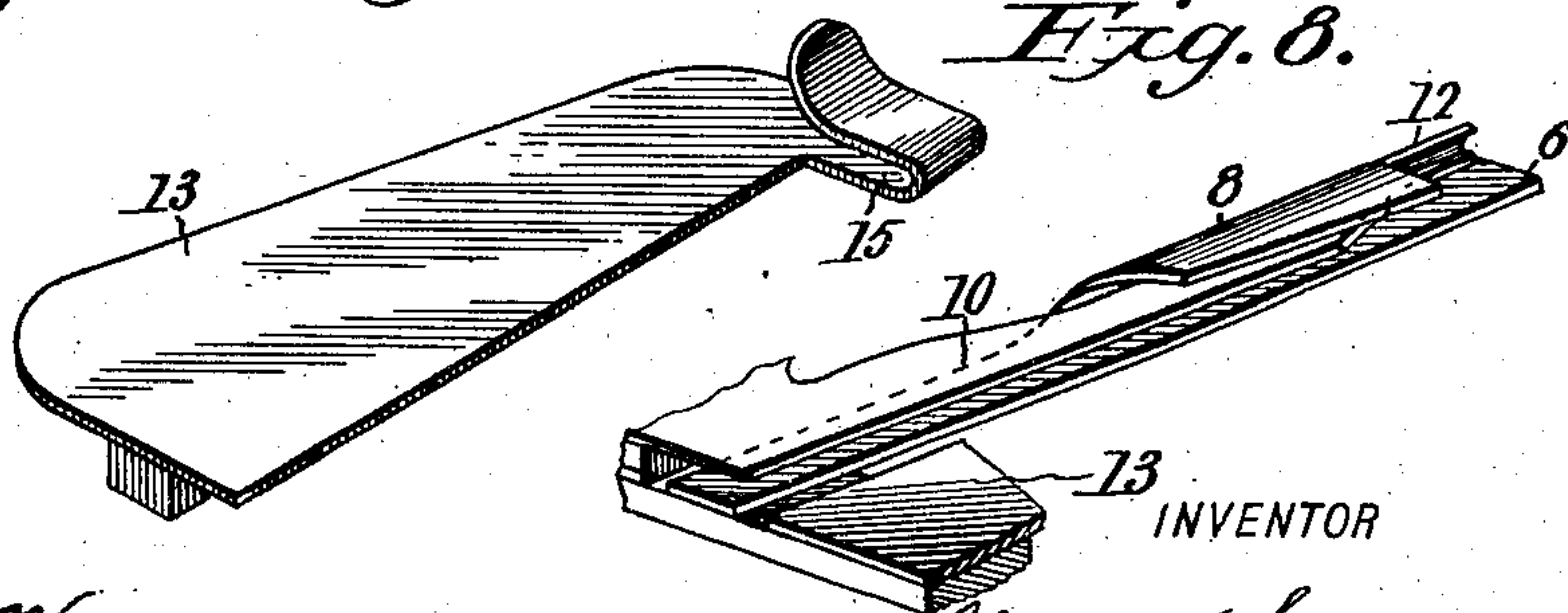
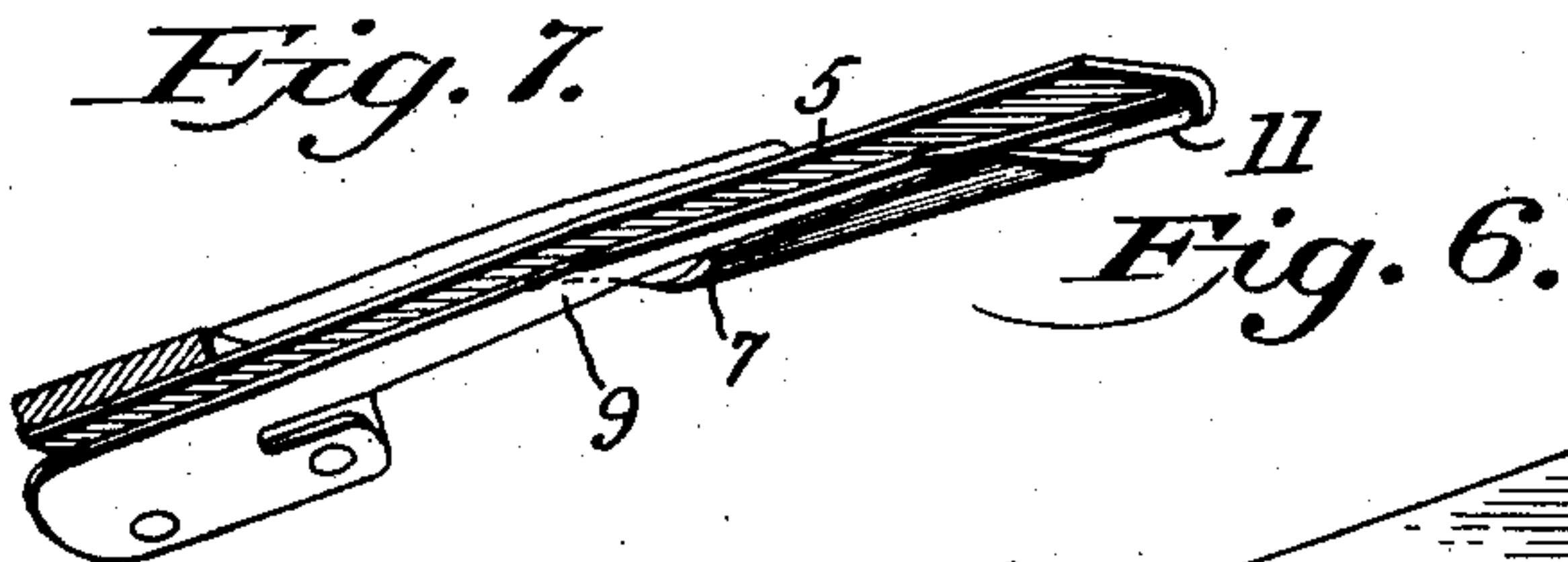
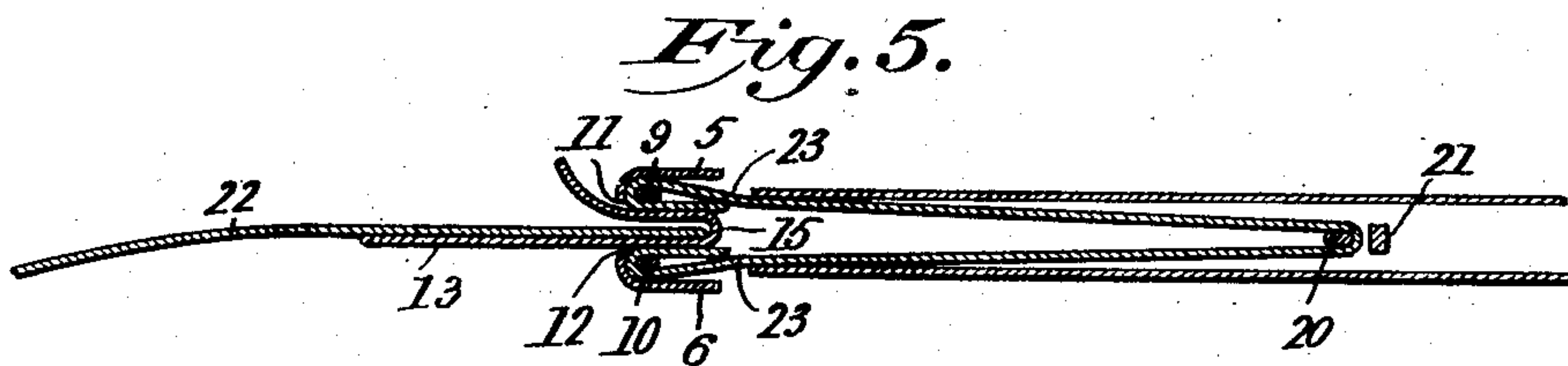
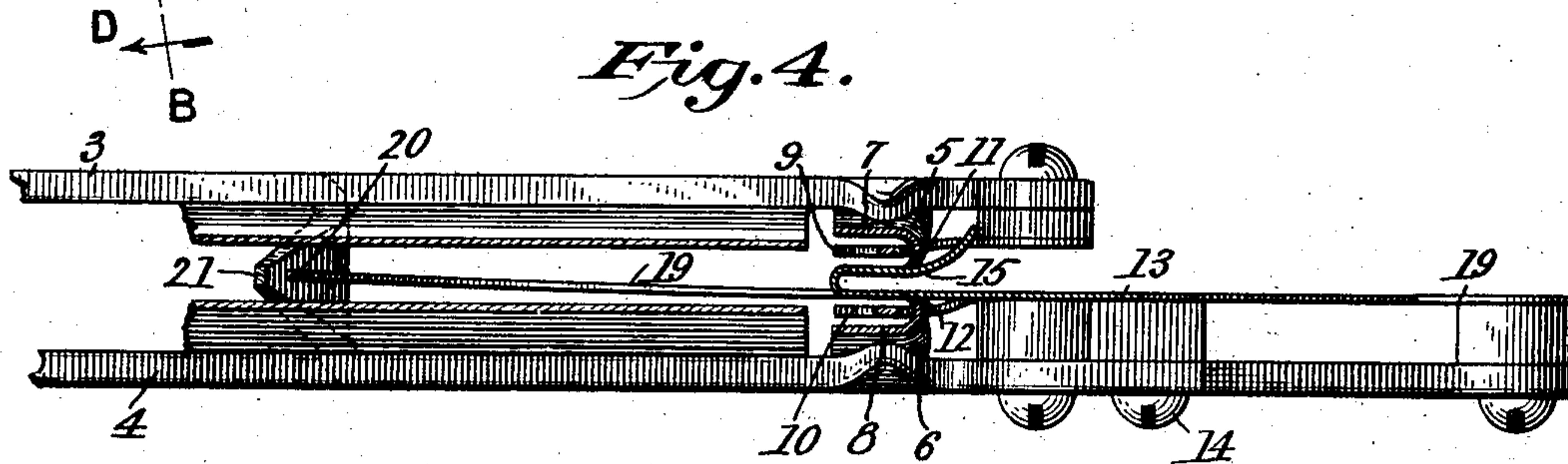
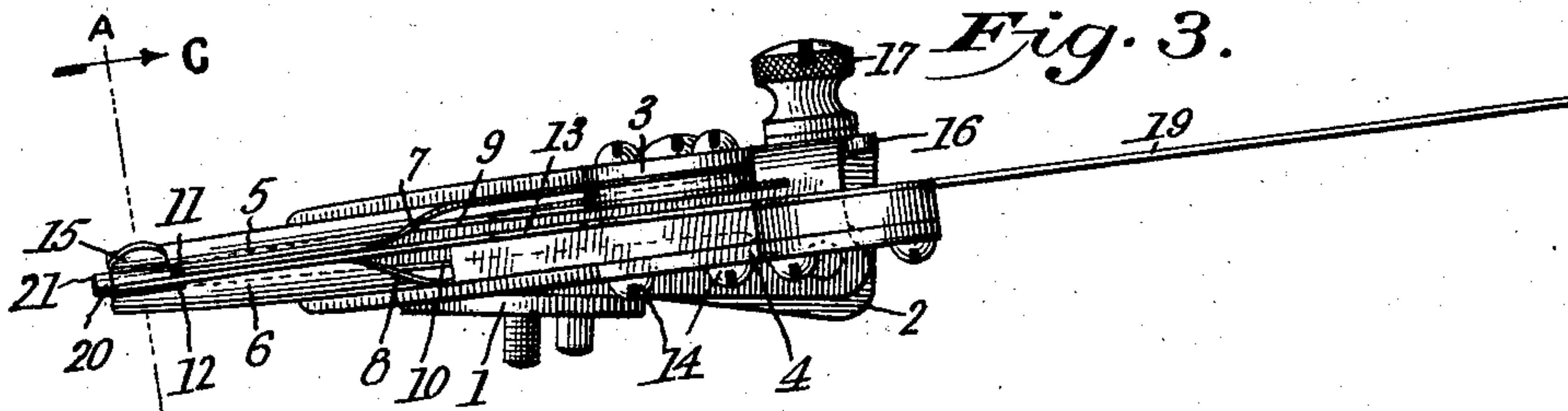
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NO MODEL.

2 SHEETS—SHEET 2.



WITNESSES:

Ada C. Briggs  
Paul Fritzel

INVENTOR

Alexander Laubscher  
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# UNITED STATES PATENT OFFICE.

ALEXANDER LAUBSCHER, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO  
WHEELER & WILSON MANUFACTURING COMPANY, OF BRIDGEPORT,  
CONNECTICUT, A CORPORATION OF CONNECTICUT.

## HEMMER FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 741,682, dated October 20, 1903.

Application filed February 19, 1903. Serial No. 144,084. (No model.)

*To all whom it may concern:*

Be it known that I, ALEXANDER LAUBSCHER, a citizen of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented a certain new and useful Improvement in Hemmers for Sewing-Machines, of which the following is a full, clear, and exact description.

This invention relates to a hemmer attachment for sewing-machines; and the object of the invention is to secure uniformity in the overlap of the edges of the body fabric and a separate border or the like applied to said body fabric—as, for example, in the manufacture of handkerchiefs having colored borders.

The invention consists in a hemmer attachment having upper and under folders to turn inwardly the raw edges of a border or hem preparatory to stitching, combined with a guide for the edge of the body fabric, said guide interposed between the folders and limiting the projection of the body fabric into the border and guiding it, in conjunction with the upper and under folders, as the work progresses to the sewing mechanism, all as I will proceed now more particularly to set forth and finally claim.

In the accompanying drawings, illustrating the invention, in the several figures of which like parts are similarly designated, Figure 1 is a top plan view with the upper folder and its support removed. Fig. 2 is a bottom plan view with the outer end of the under folder and guide broken away and with the base-plate removed. Fig. 3 is a side elevation as viewed from the left of Fig. 1. Fig. 4 is a sectional elevation taken in the plane of line A B, Fig. 3, looking in the direction of arrow C, the base-plate being omitted. Fig. 5 is a sectional elevation taken in the plane of line A B, Fig. 3, and looking in the direction indicated by the arrow D and also showing the work in cross-section engaged by the folders and guide. Fig. 6 is a perspective view of the supporting-plate for the body portion of the work, showing in detail the U-shaped guide formed on the delivery end thereof. Fig. 7 is a perspective view of a portion of the

upper folder. Fig. 8 is a perspective view of a portion of the under folder.

1 is the base-plate, by means of which the attachment may be secured in position upon a sewing-machine and having an adjustable bracket 2, carrying on its upper side an arm 3 and on its under side an arm 4. The arm 3 supports the upper folder 5, and the arm 4 supports the under folder 6, and these folders comprise flaring scrolls 7 and 8, respectively, for curling the edges of the hem inwardly upon themselves and around tongues 9 and 10, respectively, which are suitably supported within the folders by the respective arms 3 and 4, as usual. The adjacent delivery ends of the folders are cut away or notched, as at 11 and 12, respectively, (see particularly Figs. 7 and 8,) to make room for the guide 15 next described, which positions the edge of the body portion of the work.

13 is a plate for supporting the body portion of the work, said plate secured in any suitable manner to arm 4, as by screws 14, and the forward or delivery end of this plate is formed into a U-shaped guide 15, which projects inwardly between the upper and under folders and within the cut-away portions 11 and 12 at the delivery ends of such folders.

16 is an adjustable arm secured to the upper surface of the bracket 2 adjacent to the arm 3 by a set-screw 17, passed through a slot 18 in said arm and tapped in the bracket. The outer end of arm 16 is provided with a gage-plate 19, the active edge of which extends about midway of the length of said arm, said gage-plate being raised or offset above said arm sufficiently to afford a proper space for the ready passage of the work. The delivery end of the plate 19 is made as a thin tapered finger or tongue 20. A finger 21 projects from arm 16 in a direction toward the delivery end of the tongue 20 and quite close to the same, whereby the free edge or back of the hem is prevented from falling away from the gage-plate around which the hem is folded, and which serves to keep the hem properly distended while the edges are being folded, as indicated more particularly in Fig. 5, wherein the body fabric is desig-



nated 22 and the hem or border 23. The fingers 20 and 21 may be adjusted for hems of very narrow width by moving the arm 16 to a position quite close to the folders 5 and 6.

5 The invention is susceptible of variation within the principle herein described and claimed.

What I claim is—

1. In a sewing-machine hemmer, a base or  
10 bracket, upper and under folders, arms mounted on said bracket and carrying the folders, tongues in said folders about which a border fabric is folded, and a finger adjustably  
15 mounted on said bracket and adapted to keep the width of hem properly distended, in combination with a supporting-plate for the body fabric also mounted on one of said arms independently of said folders and provided at  
its delivery end with a U-shaped guide which  
20 projects between the upper and under folders, and is adapted to control the position of the edge of the body fabric with reference to the folded edges of the hem.

2. In a sewing-machine hemmer, a bracket,

upper and under folders having their de- 27  
livery ends notched, arms mounted on top and bottom of said bracket and carrying the respective folders, tongues in said folders about which a border fabric is folded, and a  
30 finger adjustably mounted on said bracket and adapted to keep the width of hem properly distended, in combination with a supporting-plate for the body fabric also mounted on one of said arms independently of said  
35 folders and provided at its delivery ends with a U-shaped guide which projects between the upper and under folders and into the notched ends thereof, and is adapted to control the position of the edge of the body fabric  
40 with reference to the folded edges of the border or hem.

In testimony whereof I have hereunto set my hand this 18th day of February, A. D. 1903.

ALEXANDER LAUBSCHER.

Witnesses:

F. W. OSTROM,

C. N. WORTHEN.