

(No Model.)

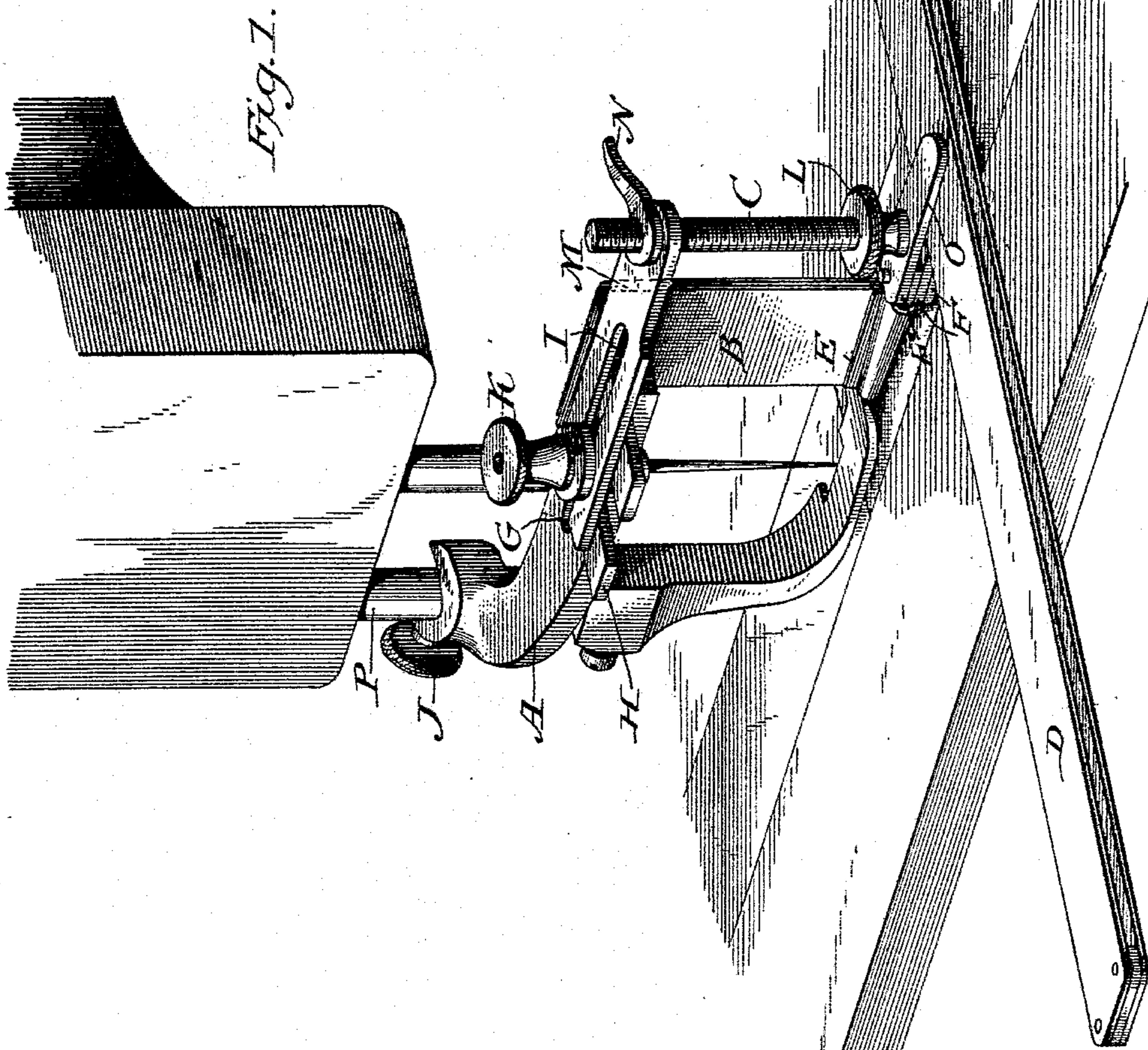
2 Sheets—Sheet 1.

W. M. & L. E. WEBBER.

HEMMING ATTACHMENT FOR SEWING MACHINES.

No. 494,971.

Patented Apr. 4, 1893.



Witnesses.
J. H. Wise
H. C. Harrell

Inventors.
W. M. Webber
L. E. Webber

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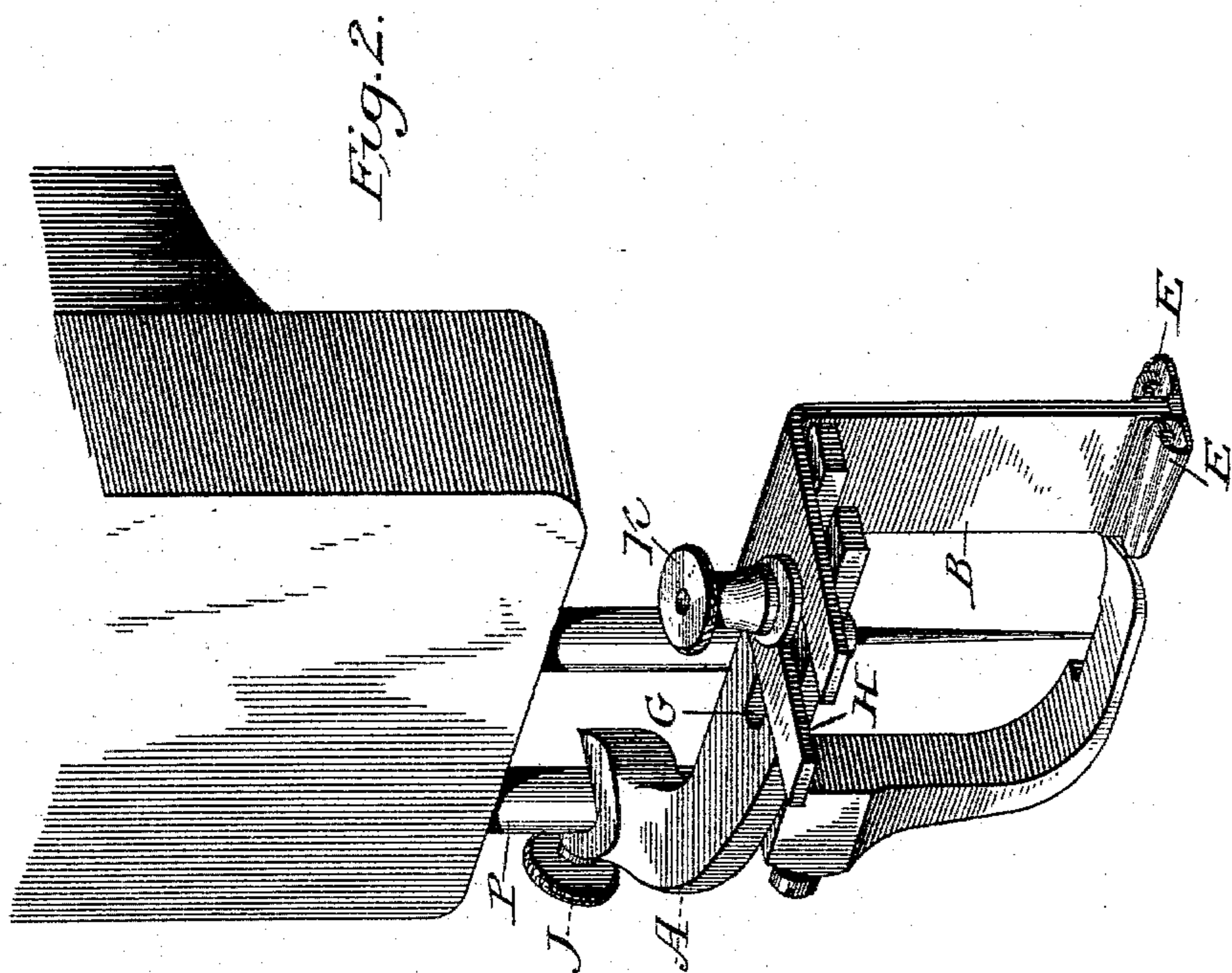
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UNITED STATES PATENT OFFICE.

WILLIAM M. WEBBER AND LOUISA E. WEBBER, OF BUCKHANNON, WEST VIRGINIA.

HEMMING ATTACHMENT FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 494,971, dated April 4, 1893.

Application filed August 19, 1891. Serial No. 403,147. (No model.)

To all whom it may concern:

Be it known that we, WILLIAM MARIMAN WEBBER and LOUISA ELIZABETH WEBBER, citizens of the United States, residing at Buckhannon, county of Upshur, and State of West Virginia, have invented a new and useful Improvement in Sewing - Machine Attachments, of which the following is a specification.

Our invention relates to an improvement in sewing machine attachments which consists of a double inverted, or right and left hemmers, and the objects of our improvement are to provide an attachment that, first, will make hems or folds of any desired width; second that can be used on either right or left of machine needle; third, that can be instantly and easily applied to any sewing machine now in general use. We attain these objects by the mechanism illustrated in the accompanying drawings in which:—

Figure 1 is a perspective view of complete attachment, secured to presser-foot bar of sewing machine in operative form. Fig. 2. is a view of attachment, or curved arm, and hemmer, with hemmer gage removed.

Similar letters refer to similar parts throughout the several views.

The curved arm A, secured to presser-foot bar P. of sewing machine by set screw J. and provided with slot G, is the attachment arm to which other parts of attachment are secured.

E. E are inverted double, or right and left hemmers, rigidly secured to lower end of angle bar B; at upper end of angle bar B is slot H, which being placed across slot G in curved or attachment arm A in such position as will bring either the right or left hemmer, as desired, in line with the needle, is secured there- to by set screw K. passing through slots G and H. By loosening set screw K, the angle bar B can be moved either to the right or left, thus enabling operators to use either hemmer as desired.

C is an upright bar with screw threads, having at lower end a clamp O of three jaws, F. F. F. within which gage D is secured by set screw L. At upper end of bar C is plate M, provided with slot I. which being placed in desired position across upper end of angle bar

B, and attachment arm A, is secured thereto by set screw K passing through slot I. H. and G. On plate M, around bar C is lock-nut N, which, being loosened the bar C, by means of the screw-threads with which it is provided, can be raised or lowered according to thickness of goods; also can be turned to the right or left of sewing machine needle.

D is a gage, previously referred to, which being secured within the jaws F. F. F. of clamp O, by set screw L, enables operator to gage a hem of any desired width, by moving to right or left, as desired, and firmly securing gage D with set screw L. To change from right to left hemmer, the gage D can be taken out of jaws F. F. F. and reversed.

To operate attachment secure curved arm A to presser bar of machine by set screws J; place slotted end of angle bar B across slot in curved arm A in such manner as will bring, for hems on right of sewing machine needle, the right hand hemmer in line with the needle, taking note that the needle being in line with inside edge of hemmer will bring the stitching close to the edge of hem; in line with center or outside of hemmer, the stitching will be farther from edge of hem. Place slotted plate M across slotted end of angle bar B in such manner as will bring clamp O in front of and slightly to the left of double inverted hemmers; secure hemmer-gage D within jaws of clamp O with triple end of gage as far to right of needle as the desired width of hem. Secure bar B and plate M to curved arm A by set screw K, and gage D in clamp O by set screw L. Draw edge of goods between lower and middle bars of gage D at triple end, and up over middle bar and between middle and upper bars to the hemmers; insert edge of goods in right hemmer, allowing for the edge to be turned under in hemmer. Proceed as with other hemmers. For hems on left of sewing machine needle, use left hemmer, let bar C, and clamp O be on right of needle and triple end of gage on the left, and proceed as in hems on the right of needle. For folds, remove bar C with clamp O and slotted plate M, and hemmer-gage D. Insert edge of fold in desired hemmer, and proceed as with a hem; for opposite edge of fold, adjust and use

opposite hemmer, thus obviating the necessity of removing goods from machine, or turning them around.

5 We are aware that prior to our invention, hemmers of different widths have been made. We therefore do not claim such an invention broadly, but

What we do claim as our invention, and desire to secure by Letters Patent, is—

10 The combination with a curved supporting arm having means for attachment to the sewing machine presser bar, of angle bar B slotted

at one end for lateral adjustment and at its opposite end supporting the double inverted hemmer, slotted plate M provided with means 15 for adjustably supporting a hemmer gage and means for connecting the slotted ends of angle bar B and plate M to the curved supporting arm, substantially as described.

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Witnesses:

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