J. H. CLEVELAND.

Sewing-Machine Tucker.

No. 163,290. Patented May 11, 1875.

Fig 1

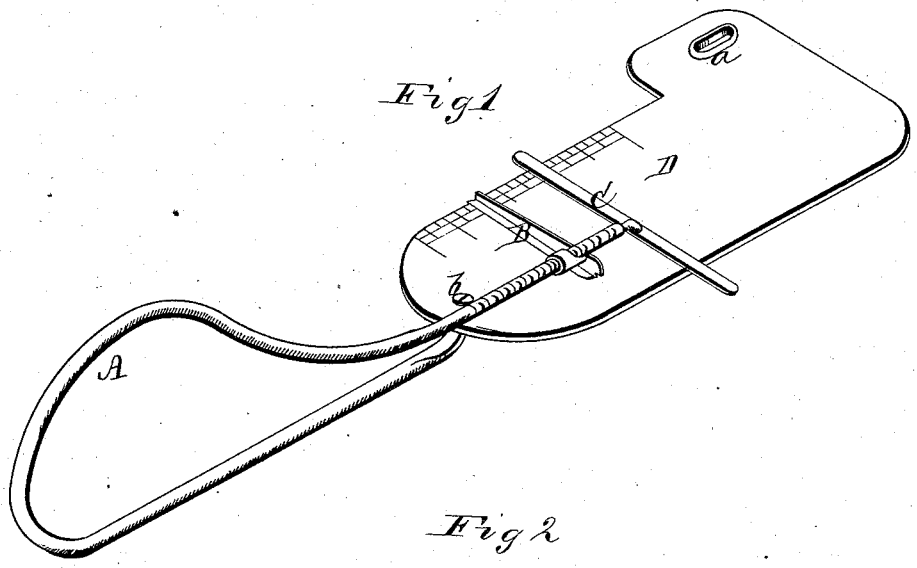
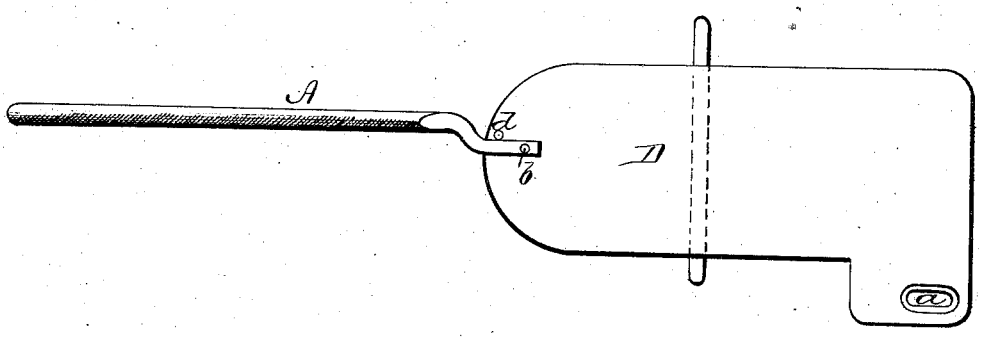


Fig 2



WITNESSES

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UNITED STATES PATENT OFFICE.

JEHIAL H. CLEVELAND, OF BUFFALO, NEW YORK.

IMPROVEMENT IN SEWING-MACHINE TUCKERS.

Specification forming part of Letters Patent No. **163,290**, dated May 11, 1875; application filed October 2, 1874.

To all whom it may concern:

Be it known that I, J. H. CLEVELAND, of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Tucker for Sewing-Machines; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My present invention is intended as an improvement upon the tucker for sewing-machines for which Letters Patent No. 154,646 were granted to me September 1, 1874; and the nature of my invention consists in combining with said tucker a graduated plate, to which the bow is pivoted by means of a screw or rivet so as to swing thereon, and be folded in small compass when not desired for use, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view of my improved tucker, and Fig. 2 is a bottom view of the same.

A represents the curved bow, provided with the adjustable grooved shoe or guide-foot B, and the adjustable gage C, constructed in the same manner as described in my former patent above referred to. D represents the base-plate, which is graduated along its inner edge, as shown in Fig. 1, and provided with a slot, *a*, through which a thumb-screw is to pass to fasten it firmly to the bed-plate of the machine. The lower end of the bow or arm A is pivoted to the under side of the plate D at the outer end, by means of a screw or rivet, *b*, and when in position on the machine the bow A is in contact with a pin, *d*, on the under side of the plate, so that the feed of the machine will have a tendency to hold the bow in proper position.

When the attachment is fastened to the bed-plate of the machine the gage *c* is directly in front of the needle. By screwing or unscrewing the gage the operator regulates the size of the tucks according to the graduating-marks on the plate D. Likewise by screwing or unscrewing the shoe B the space between the tucks is regulated. After having made the first hem or tuck, the hem or tuck so made is placed wrong-side up back of the shoe B, and drawn tight up to the groove in said shoe, and under it and the gage *c*. The fabric is then turned to the left over the gage *c* and over the bow, when the upper and lower parts of the cloth are drawn straight on the feed of the machine, and the presser-foot let down, when they are ready for work.

When the tucker is not in use the plate is turned on its pivot within the bow, so as to take up but little room.

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

In combination with the bow A, provided with the adjustable shoe B, and adjustable gage C, the graduated plate D, pivoted to the end of the bow A, and provided with slot *a* and stop *d*, all substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 26th day of September, 1874.

JEHIAL H. CLEVELAND.

Witnesses:

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