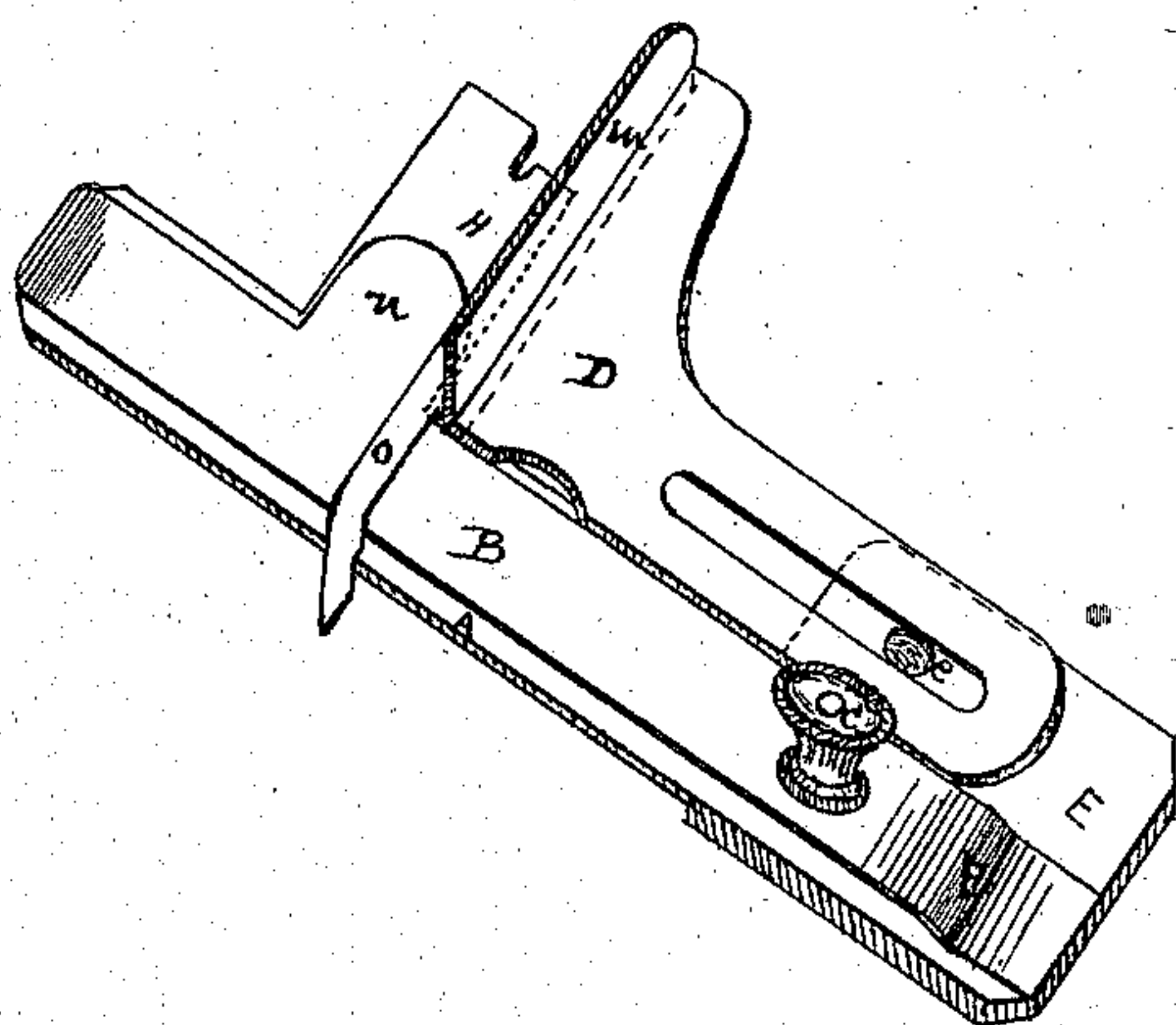


C. A. VOSBURGH.

Ruffling Attachment for Sewing Machines.

No. 95,171.

Patented Sept. 21, 1869.



Witnesses
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C. A. VOSBURGH, OF MEMPHIS, TENNESSEE, ASSIGNOR TO HIMSELF
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Letters Patent No. 95,171, dated September 21, 1869.

IMPROVEMENT IN RUFFLING-ATTACHMENT FOR SEWING-MACHINES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, C. A. VOSBURGH, of Memphis, in the county of Shelby, and State of Tennessee, have invented a new and useful Ruffling and Gathering-Attachment to Sewing-Machines, of which the following is a full, clear, and exact description, reference being had to the annexed drawing, giving a perspective plan of same, and made a part of this specification.

The object of my invention is to provide an attachment to an ordinary sewing-machine, by means of which it may be possible, at one and the same operation, to stitch together two pieces of cloth, so that while one is gathered or ruffled, the other shall remain straight.

A square metal plate, E, is made with a thinner arm, A, having an arm, H, at right angles to it, A and H being of thin elastic spring-metal.

Over A is an elastic arm, B, springing from the shoulder *p*, on the base E, and having an arm, *n*, at right angles to it, and over and parallel with H, but not quite as long.

Through B is passed a thumb-screw, C, by means of which it may be pressed down to A.

A guide-plate, D, such as is ordinarily used, is made with an arm, *o*, which, fitting over and clasping A and B, will keep its guiding-edge at right angles to A and B.

A set-screw passing through the slot in D and the opening *e*, in E, fastens the whole to the bed-plate of the sewing-machine.

The apparatus, being in position, the cloth to be gathered is passed under H, while the piece to remain straight is placed above H, and under *n*. The arm H is made to cover about two-thirds ($\frac{2}{3}$) of the feed, so that while the under or ruffled cloth is acted upon by the feed during its entire play, the upper one is effected by its motion only about one-third as much. By means of the thumb-screw C, the tension of the presser on the upper cloth may be regulated at pleasure. The plates A and B, being thin and elastic, do not interfere with the action of the feed, as they easily rise and fall with its movements. The guide D, regulating the width of the seam, will, by reason of its arm *o*, grasping the plates A and B, always present its guiding-edge parallel to the arm H, and so insure a straight seam.

What I claim as my invention, and desire to secure by Letters Patent, is—

A ruffling and gathering-attachment for sewing-machines, composed of the plates A and B, with arms *n* and H, and the slotted guide-plate D, with its clasping-arm *o*, all arranged for joint operation, and constructed substantially as and for the purpose shown and specified.

C. A. VOSBURGH.

Witnesses:

S. M. BROOKS,
GEO. F. BARROWS.