

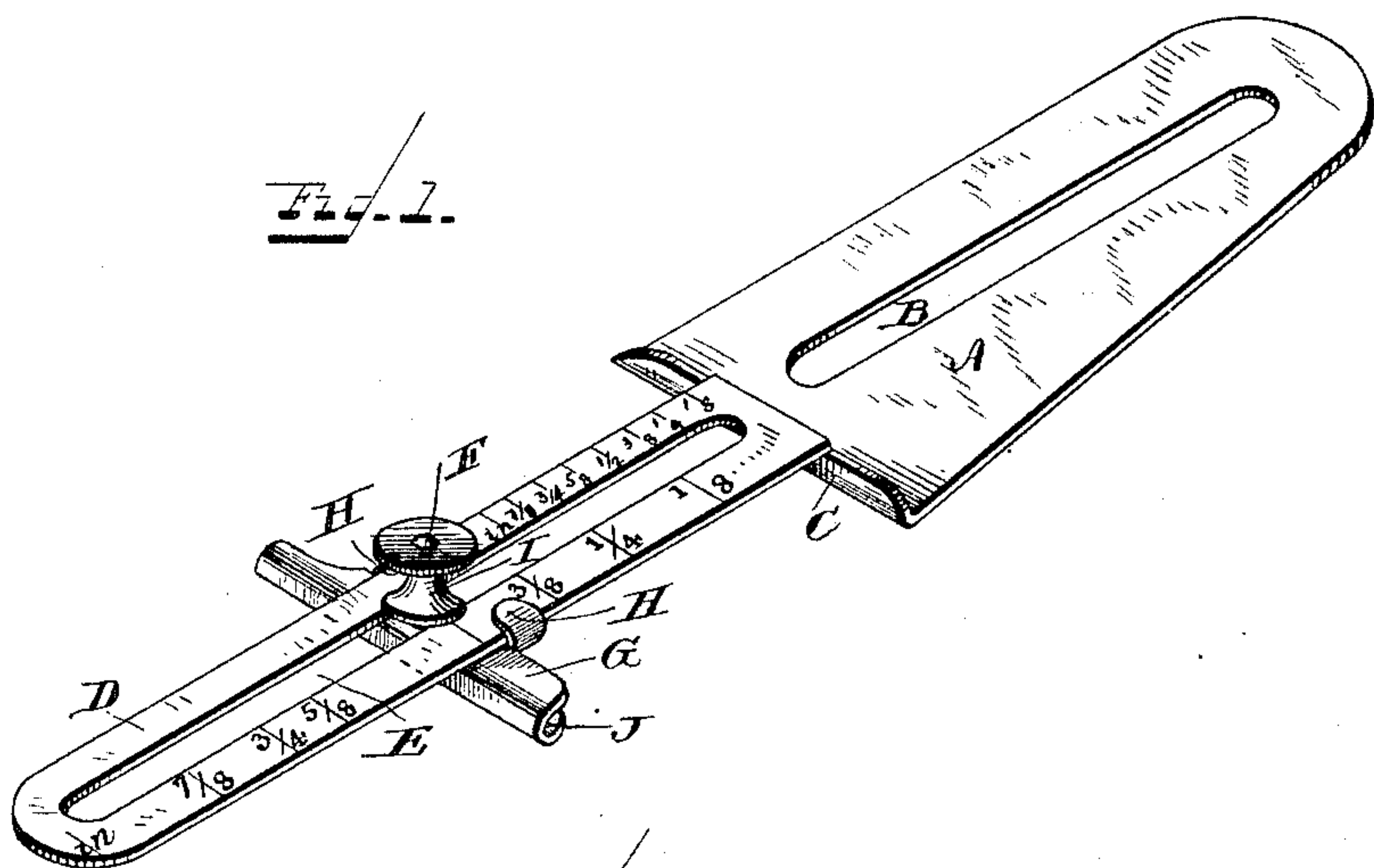
(No Model.)

W. T. JOHNSON.

TUCKER FOR SEWING MACHINES.

No. 325,089.

Patented Aug. 25, 1885.



UNITED STATES PATENT OFFICE.

WALTER T. JOHNSON, OF COLUMBUS, GEORGIA.

TUCKER FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No 325,089, dated August 25, 1885.

Application filed June 12, 1885. (No model.)

To all whom it may concern:

Be it known that I, WALTER T. JOHNSON, of Columbus, in the county of Muscogee and State of Georgia, have invented certain new and useful Improvements in Tuckers for Sewing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved sewing-machine tucker. Fig. 2 is a bottom view of the same. Fig. 3 is a vertical sectional view taken on the line *xx* in Fig. 2, and Fig. 4 is a perspective view showing the device in position for operation.

The same letters refer to the same parts in all the figures.

This invention relates to tuckers for sewing-machines; and it has for its object to provide a device of this class which shall possess superior advantages in point of simplicity, durability, ease and convenience of operation, and general efficiency.

With these ends in view, the invention consists in the improved construction, arrangement, and combination of parts, which will be hereinafter described, and particularly pointed out in the claims.

In the drawings hereto annexed, A designates the base-plate of my improved tucker, which is provided with a transverse slot, B, for the passage of a set-screw or other equivalent device for securing the tucker to the bed-plate of the sewing-machine to which it is to be applied. The base plate A is provided at its outer edge with a flange, C, from which an arm, D, extends laterally in an outward direction, as shown. The said arm is provided with a slot, E, through which passes a screw-threaded stem, F, extending upwardly from a slide, G, arranged and adapted to move transversely upon the under side of the arm D, and provided with upturned lugs or catches H H, catching over the sides of the said arm and serving to retain the slide in position thereon. The screw-threaded stem F is provided with a thumb-nut, I, which may be tightened down against the arm D for the purpose of retaining the slide G in any position to which it may

be adjusted upon the said arm, and the outer edge of the said slide G is provided with a flange, J, which is turned in a downward and inward direction, facing the flange C at the outer edge of the base-plate A. The upper side of the arm D at the sides of the slot E is gaged or graduated in any suitable manner, substantially as shown in the drawings hereto annexed, for the purpose of indicating the proper position in which to place the tucker for the purpose of forming tucks of a given width and a given distance apart.

The operation and advantages of this invention will be readily understood from the foregoing description, taken in connection with the drawings hereto annexed. The tucker is secured to the base or bed plate of the sewing-machine in the usual manner by means of a set-screw or clamping-screw, as will be seen in Fig. 4 of the drawings. The material which is to be tuckered is then doubled or folded, and placed with its folded edge under the arm D, which, together with the slide G, moving thereon, acts as a spring to keep it in place and against the flange C, which latter acts as a guide, and the distance of which from the needle regulates the width of the tuck. The seam is then run upon the machine, and the tuck folded over and placed under the flange J of the slide, which latter is properly adjusted to regulate the distance between the tucks, while the body of the material is again folded, and the folded edge is laid against the flange C of the tucker, when the operation may be repeated. In this manner any desired number of tucks may be formed easily and with great regularity, and without necessity for creasing or crimping the material. It will also be seen that this device is adapted to operate equally well upon all kinds and grades of materials, whether starched or unstarched, light or heavy.

The construction is simple and inexpensive, and the device may be applied successfully for operation to any sewing-machine of ordinary construction.

In the practical manufacture of this article, I may deem it desirable to change the construction with regard to several minor details, and, while the construction herein shown and described will be generally adhered to, I would therefore have it understood that I

do not limit myself to the same, but reserve to myself the right to all modifications which may be resorted to without departing from the spirit of my invention.

5 Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. In a tucker for sewing-machines, the combination of a base-plate having a transverse
10 slot formed therein, and provided at its outer edge with a vertical flange, with a slotted arm extending laterally from the upper edge of the said flange, and a gaging slide adjustable upon the said arm, substantially as and for
15 the purpose herein set forth.

2. In a tucker for sewing-machines, the combination of a slotted base-plate having a vertical flange at its outer edge, a slotted arm
20 extending laterally from the said flange, and a slide moving upon the said arm, and having lugs or catches taking over the outer edges of the latter, and provided with an upwardly-extending screw-threaded stem extending through the slot in the said arm, and provided
25 with a thumb-nut, by means of which the said

slide may be secured in any position to which it may be adjusted, substantially as and for the purpose herein set forth.

3. In a tucker for sewing-machines, the combination of the slotted base-plate having an
30 upwardly-extending flange at its outer edge and a slotted arm extending laterally from the upper edge of the said flange, with the adjustable slide having upturned lugs catching over the upper edges of the said arm, and provided
35 with an upwardly-extending stem extending through the slot in the said arm, an inturned flange at the outer edge of the said slide, and a thumb-nut adjustable upon the upper end of the screw threaded stem of the latter, whereby
40 it may be retained in any position to which it may be adjusted, substantially as and for the purpose herein set forth.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature
45 in presence of two witnesses.

WALTER T. JOHNSON.

Witnesses:

JAKE FEILER,

ROBT. W. LEDSINGER.