

J. H. CLEVELAND.  
Tuckers for Sewing-Machines.

No. 154,646.

Patented Sept. 1, 1874.

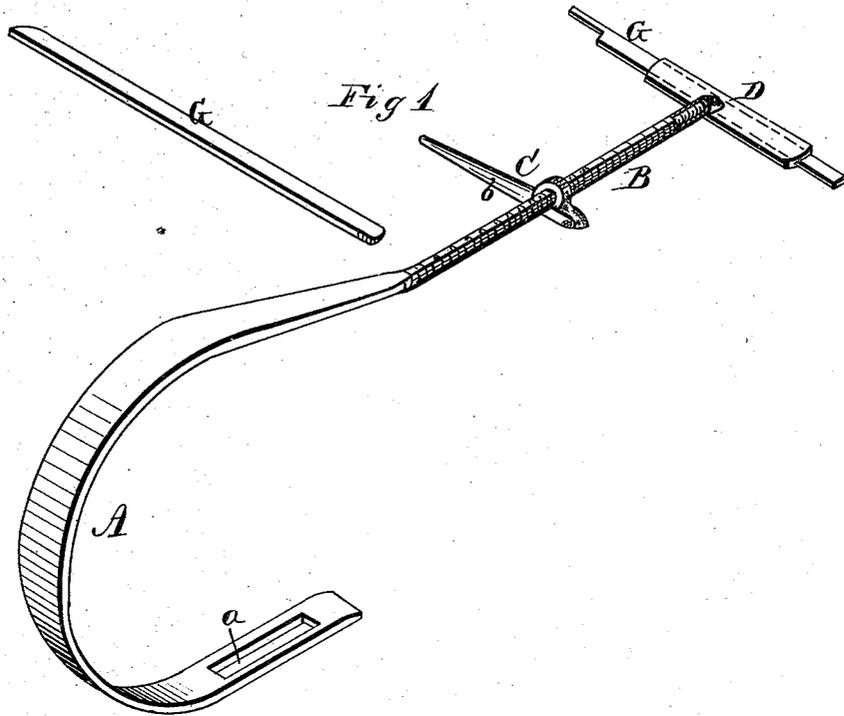


Fig 1

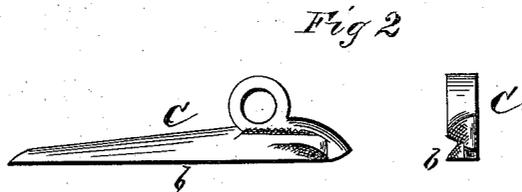


Fig 2

WITNESSES.  
F. L. Ourand  
C. L. Ewert,

By

INVENTOR  
J. H. Cleveland  
Alexander Watson

Attorneys.

# UNITED STATES PATENT OFFICE.

JEHIAL H. CLEVELAND, OF BUFFALO, NEW YORK.

## IMPROVEMENT IN TUCKERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 154,646, dated September 1, 1874; application filed March 10, 1874.

*To all whom it may concern:*

Be it known that I, JEHIAL H. CLEVELAND, of Buffalo, in the county of Erie and in the State of New York, have invented certain new and useful Improvements in Tuckers 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.

The nature of my invention consists in the construction and arrangement of a tucker for sewing-machines, 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 tucker, and Fig. 2 is a detached view of the gage-foot forming part thereof.

A represents a flat bar, bent or bowed substantially in the form shown in Fig. 1, and provided with a longitudinal slot, *a*, in its lower end. The upper end of the bar A forms a screw-arm, B, which is made flat on its upper side and graduated. Upon the arm B is screwed an elongated gage-foot, C. The side of the foot C toward the bow of the bar A is grooved or made concave its entire length, so as to form a sharp edge, *b*, along the bottom of the foot on that side. On or in the end of the arm B is screwed a hollow gage, D, extending at right angles with the arm, and having a spur, G, passed through it. The bar A is attached to the table of the sewing-machine by a thumb-screw through the slot *a*, so that the foot C and gage D will rest upon the cloth-plate of the machine, one on each

side of the needle. The first tuck is run by a gage, and the seam of this tuck is set under and at the edge *b* of the foot C, and the cloth passes under the gage D, the surplus cloth being folded over the same toward the bar A, first drawing the seam close up to the edge *b* of the gage or guide foot. The cloth is then drawn back, so that the feed will catch it, when the sewing is proceeded with the same as common sewing. The sharp edge *b* follows the seam, and to insure the cloth or seam being held close up to the guide the under side of said guide-foot should be creased diagonally. The cloth running over and around the gage D straightens the cloth, so as to let it pass under the presser-foot smooth, and also helps to hold it up to the foot C.

By moving the guide-foot C on the bar B the tuck may be made wider or narrower, as desired, and by moving the bar A at the slot *a* the spaces between the tucks will be altered.

The spur G may be made long or short for wide or narrow tucks, the wider tucks requiring a longer spur than the narrower.

With this tucker any width of tuck may be made without creasing the cloth or marking.

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

The combination of the bowed bar A, provided with slot *a* and graduated screw-arm B, the guide-foot C, with sharp edge *b*, and the gage D, with spur G, all constructed as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 14th day of February, 1874.

JEHIAL H. CLEVELAND.

Witnesses:

EDWARD DELAHUNT,  
E. A. GRISWOLD.