I. W. BARNUM.

Sewing-Machine Attachment.

No. 89,842. Patented May 11, 1869.

Fig. 1.

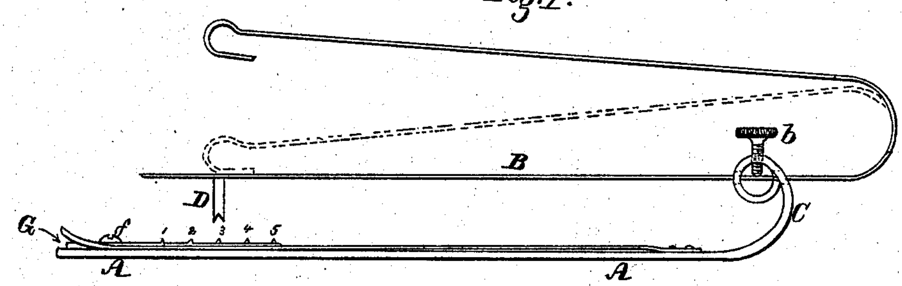
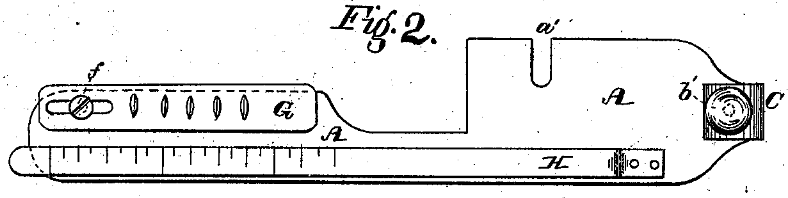


Fig. 2.



Isaac W. Barnum

Witnesses

E. B. Barnum

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

ISAAC W. BARNUM, OF NEW YORK, N. Y.

IMPROVEMENT IN TUCK-CREASER FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **89,842**, dated May 11, 1869.

To all to whom these presents shall come:

Be it known that I, ISAAC W. BARNUM, of the State, city, and county of New York, have invented certain Improvements in Tuck-Markers for Sewing-Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, which forms part of this specification, in which—

Figure 1 is a side elevation of the tucker; and Fig. 2 is a plan view of the base-plate, with the upper parts removed.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same.

In the drawing, A represents a suitable base-plate, to which all the parts of the instrument are connected. Said plate has a short transverse slit at *a'* to receive the thumb-screw, by which the tucker is to be attached to the sewing-machine at some point behind the needle, and said slit permits the removal of the tucker by simply loosening and without removing the said screw.

B is a lever, passing through an opening in an upright, C, of the base-plate, and is secured by a thumb-screw, *b'*. At the outer end of the said lever B there is a small hammer, D, having a slit in its face.

P is an arm, formed in one with the lever B, and serves to receive and mollify the force of the sewing-machine, and convey such force to the lever B.

A number of teeth, 1, 2, 3, &c., is attached to or made fast on the base-plate, and it may or may not be adjustable with reference thereto. If to be adjustable, the teeth are generally placed on a plate, G, which is attached to the base-plate by a small screw or screws in slots, as at *f*. The hammer D is adjusted to these teeth in making different-width tucks by means of the thumb-screw *b'*, the same permitting the hammer to be brought over, and made to match with any one of these teeth without disturbing the fastening-screw, as aforesaid. The adjustment of the plate G by its slot will bring any one of the teeth mentioned within the distance of the space between such teeth, thus permitting any adjustment, by the finest gradations, to wide and narrow tucks.

H is a smoother, to smooth out the cloth preparatory to being acted upon by the creasing mechanism.

I do not confine myself to the specific mode of forming the spring-arm shown in the drawing, as the said spring may be made in various forms, either in one piece with the lever B or separately.

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

1. The combination of the spring-arm B, hammer or notch D, and yielding arm E with a non-adjustable base-plate, A, and toothed plate G, substantially as specified.

2. Also, in combination with the above, the smoother H, for the purpose set forth.

ISAAC W. BARNUM.

Witnesses:

EARLE H. SMITH,

E. B. BARNUM.