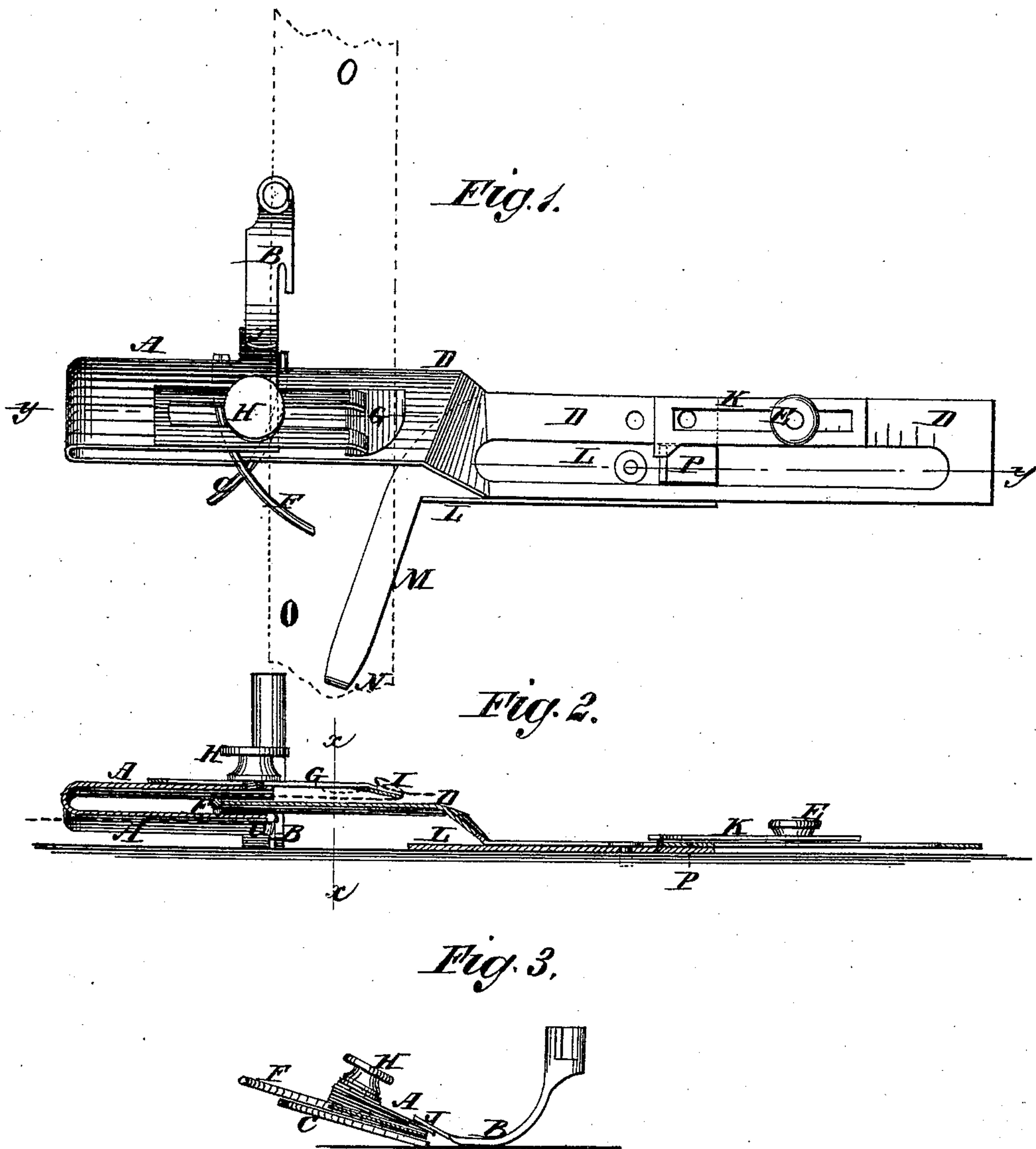


A. W. BROWN.

TUCKERS FOR SEWING-MACHINES.

No. 184,500.

Patented Nov. 21, 1876.



WITNESSES:

Francis M. Little,
John Goethals

INVENTOR:

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BY

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

ALONZO W. BROWN, OF OGDEN CITY, UTAH TERRITORY.

IMPROVEMENT IN TUCKERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **184,500**, dated November 21, 1876; application filed July 15, 1876.

To all whom it may concern:

Be it known that I, ALONZO W. BROWN, of Ogden City, in the county of Weber and Territory of Utah, have invented a new and Improved Self-Folding Tucker for Sewing-Machines, of which the following is a specification:

My invention consists of a tuck folding and gaging machine, in which the contrivance is such that the tuck is gaged by the previously-formed tuck, and there is another gage to regulate the width of the tucks, and a guard-plate to prevent displacement of one of the folders by the work.

Figure 1 is a top view of my improved tucker. Fig. 2 is a sectional elevation taken on line *y y*, Fig. 1. Fig. 3 is a transverse section taken on line *x x*, Fig. 2.

Similar letters of reference indicate corresponding parts.

A is a U-shaped plate, of metal, arranged horizontally at right angles to, in front of, and at the left hand of, the presser-foot B, and attached to it at the rear of the upper side, near the end, so that the lower side rests a little above the plate of the machine, and the end of the lower part is provided with the horn-guide C, over which the cloth runs to make one fold of the tuck.

D is a tuck-folder, which attaches to the sewing-machine plate, at the right-hand side of the foot, by the ordinary clamp-screw E, and projects into the space between the upper and lower parts of the plate A, and has the horn-guide F, over which the cloth runs to make the other fold of the tuck.

On the top of plate A is the gage G, which is adjustably attached thereto by the thumb-screw H, for gaging the tucks, by running under the last tuck I, against the seam by which it is fastened, thus insuring parallel tucks.

The plate A is attached to the presser B by an upwardly-inclined piece, J, which supports the tucker, so that it does not interfere with the action of the presser on the feed-plate.

L is a plate to keep the plate D from being shifted out of position. It lies under plate D, and is fastened by the same clamp-screw, and also has another fastening by the hooked arm M taking in the hole of the slide-plate O at N, or any other; and the plate has a stud at P, which, together with the binding-screw, prevents the plate from shifting out of line.

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

1. The combination of the plate A, arranged in U shape and attached to the presser, and having the horn-guide C, the folder D, having the horn-guide F, and the adjusting-guide G, substantially as specified.

2. The stay-plate, having stud P and hooked arm M, in combination with the plate D, substantially as specified.

A. W. BROWN.

Witnesses:

H. H. SPENCER,
T. M. TYREE.