M. JONASSON.

DEVICES FOR TURNING OR FOLDING THE EDGES OF FABRICS.

No. 192,766 Patented July 3, 1877.

Fig. 1.

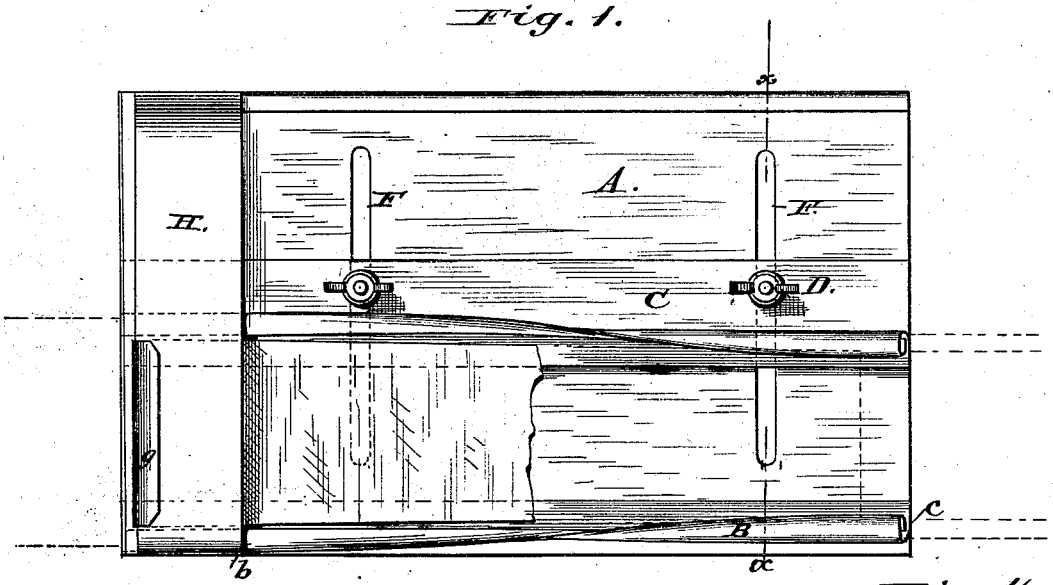


Fig. 2.

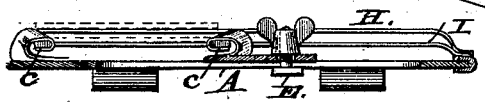


Fig. 4.

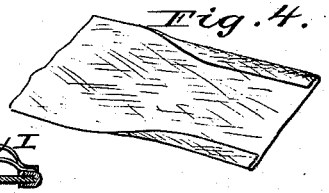
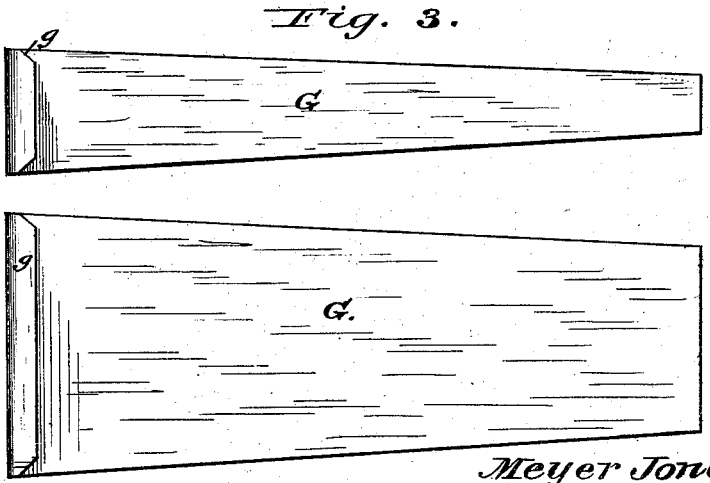


Fig. 3.



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UNITED STATES PATENT OFFICE.

MEYER JONASSON, OF NEW YORK, N. Y.

IMPROVEMENT IN DEVICES FOR TURNING OR FOLDING THE EDGES OF FABRICS.

Specification forming part of Letters Patent No. **192,766**, dated July 3, 1877; application filed May 10, 1877.

To all whom it may concern:

Be it known that I, MEYER JONASSON, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Apparatus for Folding Fabric, of which the following is a specification:

This invention has for its object to produce an apparatus by means of which strips of fabric of various widths may be turned over and folded with neatness and regularity at the edges; and to this end it consists of a stationary guide secured to one edge of a flat plate, in combination with a similar adjustable guide, adapted to be secured in various positions in respect to said stationary guide, and a series of interchangeable metallic tongues or strips which can be secured between said guides, the whole being so constructed and arranged that the strip of fabric can be drawn between the guides, its edge being turned thereby and folded over the end of the tongue or metallic strip, as hereinafter more fully set forth.

In the drawings, Figure 1 represents a top or plan view of my improved folder, and Fig. 2 a section taken on the line *x x* of Fig. 1; Fig. 3, detached views of the confining-plates; and Fig. 4, a detached view of a portion of the folded fabric.

In the drawings, the letter A represents a flat plate of suitable length and width, constructed preferably of metal, provided at one edge with a stationary guide, B. Said guide is composed of a narrow strip of metal, provided with a single open fold, *b*, at one end, which is gradually folded over upon the plate toward the other end, which terminates in a double open fold, *c*, as shown in the drawings.

The letter C represents a similar guide, which is adjustably attached to the plate A by means of the set-screws D and nuts E, the set-screws passing through the parallel slots F in the plate A, and adapted to be secured in any position in order to adjust the guide C.

The letter G represents a series of interchangeable metallic strips or confining-plates, of suitable widths, corresponding to the various widths of fabric to be folded. Said strips gradually taper toward one end, the larger end being bent or folded over, forming a recess, *g*, by means of which said strips may be secured to the cross-piece H, attached to the plate A at one end.

Below the cross-piece H is secured a similar cross-piece, I, a space being left between the two for the confining-plates, and between the piece I and plate A is a space for the passage of the fabric to be folded.

The operation of my invention is as follows: The guide C is adjusted in respect to the stationary guide to correspond to the width of the strip of fabric to be folded, and the proper tongue or strip G is secured in place upon the cross-piece H, its smaller end extending forward and falling between the guides B and C. The strip of fabric is then inserted below the plate I, with its edges in the single folds at the rear end of the guides, and is drawn or fed forward toward the opposite ends. As the guides are gradually folded into a double fold at said front end, it will be seen that the edges of the fabric traveling in said folds will be turned as it progresses, and folded neatly and with regularity.

The small end of the metallic tongue or plate sets between the folded edges of the fabric, and confines the same in the guides.

Owing to the adjustability of the guide C, it will be perceived that strips of fabric of various widths can be folded by the same apparatus by simply changing the tongues or plates to suit the required width.

By my improvement I produce a cheap, simple, and effective folding apparatus, which occupies but little space, rendering it portable, so that it can be readily transported from place to place, and secured to any ordinary table or other support, and operated by hand, and a variety of work can be effectually done on a single machine.

Having thus described my invention, what I claim is—

The plate A, provided with a guide, B, having a single open fold, *b*, at one end,

which is gradually folded into a double fold, *c*, at the other, in combination with the movable guide C, similarly constructed, and a series of interchangeable tongues, G, the whole constructed to operate substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand in the presence of the subscribing witnesses.

MEYER JONASSON.

Witnesses:
SAML. J. CAMPBELL,
FRANCIS HUNTER.