

(No Model.)

R. W. S. MITCHELL & J. MURPHY.
EDGE FOLDER FOR FABRICS.

No. 519,131.

Patented May 1, 1894.

Fig. I.

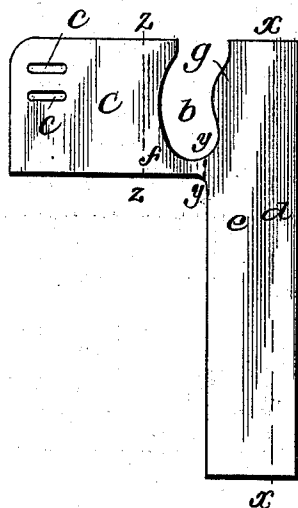


Fig. II.

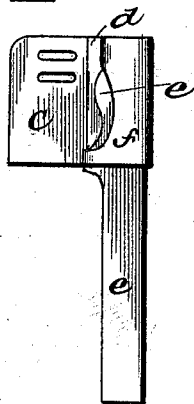
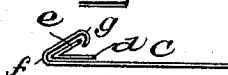


Fig. III.



Fig. IV.



Witnesses
G. Stansbury
A. Small

R. W. S. Mitchell and J. Murphy Inventors

by *Chas. E. Hall* Attorney

UNITED STATES PATENT OFFICE.

ROBERT W. S. MITCHELL AND JOHN MURPHY, OF PASSAIC, NEW JERSEY.

EDGE-FOLDER FOR FABRICS.

SPECIFICATION forming part of Letters Patent No. 519,131, dated May 1, 1894.

Application filed May 11, 1893. Serial No. 473,758. (No model.)

To all whom it may concern:

Be it known that we, ROBERT W. S. MITCHELL and JOHN MURPHY, subjects of the Queen of Great Britain, residing at Passaic, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Edge-Folders for Fabrics; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to edge folders for fabrics, preparatory to hemming and will be hereinafter more particularly described in the claim.

In the accompanying drawings forming part of this specification Figure 1 is a plan view of the blank from which the folders are formed. Fig. 2 is a plan view of one folder completed. Fig. 3 is a side view of the same, and Fig. 4 is an end view thereof.

Reference being had to the accompanying drawings, C represents a folder made of one continuous piece of metal constituting a blank, as shown in Fig. 1; said blank being rectangular in form having its upper edge broken by a segmental slot *b*, having a wide opening on the top and the walls thereof gradually converging toward the bottom, the opposite vertical walls having their lines of curvature approximately concentric so as to produce the lip *g*; two counterpart parallel slots *c c*, by which the folder is adjustably secured in working position, are located adjacently to the upper left corner of the body C.

In forming the folder C the blank is manipulated as follows: Part *d* is folded so as to lie closely beneath part *e*, by being bent upon itself, as indicated by the dotted line *x-x*; these parts are then folded so as to rest slightly above part *f* by being bent on line *y-y*; and in like manner part *g* is folded so as to extend above the edge of part *f* by being bent on line *z-z*, and loosely inclose the

corresponding edge of part *e* between it and said part *f*; to complete the folder the several parts thus rolled as described are finally folded over the body C of the device. It being desired to neatly fold the edges of a piece of fabric for the purpose of hemming, the material is first turned by hand over the tail piece *e* of the folder (Fig. 2), said tail piece serving not only as a gage to determine the width of the hem, but also as a guide to facilitate the entrance of the material. The lip *g* within the device completes a double hem fold, the initial fold being imparted by the tail-piece *e*.

The device is adapted to be attached to sewing machines, to prepare the fabric for receiving the sewing operation.

We are aware of the patents granted respectively to Caswell on the 19th day of August, 1873, No. 141,993; Baird on the 26th day of September, 1882, No. 264,845, and Brady on the 12th day of December, 1882, No. 268,779, and disclaim the same.

Having thus fully described our improvement, what we claim is—

In edge folders for fabrics the blank herein shown and described consisting of the rectangular body C and the tail piece *e* constructed integrally, the tail piece being axially perpendicular with the body; the recess *b* formed in the body C approximately centrally having a wide opening on the top and the walls gradually converging toward the bottom, the opposite vertical walls having their lines of curvature approximately concentric so as to produce the lip *g*; and the two counterpart, parallel slots *c c* located adjacently to the upper left corner of the body C as shown.

In testimony whereof we affix our signatures in presence of two witnesses.

ROBERT W. S. MITCHELL.

JOHN MURPHY.

Witnesses:

JOSEPH V. MORRISSE,

M. J. LEE MOEN.