UNITED STATES PATENT OFFICE.

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CLOTH-FOLDER FOR IRONING.

1,001,443.


To all whom it may concern:

Be it known that we, HENRY C. RAND and MILES M. GRAF, both citizens of the United States, and residents of Cresco, in the county of Howard and State of Iowa, have invented a new and Improved Cloth-Folder for Ironing, of which the following is a full, clear, and exact description.

This invention relates to a folding device for folding the edges of cloth, strips or ribbons when being ironed or pressed.

The object of the invention is to produce a device of this class which is simple in construction, which will operate to fold the edges of the cloth, and which will operate to form a seat for the edge of the iron, enabling the device to be guided in its movement along the strip, cloth or ribbon.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective showing the folder in operation and representing the pressing iron in position; Fig. 2 is a plan showing a portion of a strip or ribbon, the edges of which are represented as passing through the folder, the folder being shown in plan and the iron being omitted; Fig. 3 is a vertical section taken on the line 3—3 of Fig. 2; Fig. 4 is a cross section taken on the line 4—4 of Fig. 3; and Fig. 5 is a plan of a blank from which the device may be formed in one piece.

Reffing more particularly to the parts, 1 represents the body of the folder which is in the form of a flattened sleeve 3 of metal which tapers slightly toward one end. On the interior of this sleeve a folding tongue is provided which consists of a substantially rectangular plate having a reduced neck 5 on the forward edge thereof which projects integrally from the upper edge of the sleeve, as indicated. As shown in Fig. 3, the body of the tongue 4 is slightly inclined with respect to the lower side of the sleeve, in other words, this tongue is substantially parallel with the upper side of the sleeve. It should be understood that the tongue is not connected in any way to the sleeve except by means of the neck 5. The side edges of the tongue project over into the scrolls or rounded edges 2 at the sides of the sleeve.

At the small end of the sleeve, that is, at the rear end thereof, a seat 6 is formed for the pressing iron 7. This seat is in the form of an integral elongated foot disposed transversely of the sleeve. The device is especially adapted to be formed from a blank of the form shown in Fig. 5, presenting a body 9 with opposite laterally projecting arms 14. These arms are inclined slightly toward the rear. At the forward edge of the blank an integral lobe 15 is formed. In forming the device the lobe 15 is folded under the body 9 at the reduced neck 5 so as to form the tongue 4; the arms 14 are then bent under the tongue so as to form the sleeve around the tongue. The rear portion of the blank is then offset downwardly to form a projecting foot or seat 6 and a shoulder 10.

The manner of using the device is shown in Fig. 1. The band or ribbon 12 of the cloth is passed through the device, the side edges being received in the scrolls or rounded edges 2 and turned over so as to form folds 13 in the edges of the band as it passes from the device. The pressing iron is seated upon the foot or seat 6 and is moved in a rearward direction. In this way the folder is advanced along the ribbon, and as it advances it folds the edge of the ribbon as it passes under the pressing iron. On account of the transverse shoulder 10 against which the iron seats, the folder can be guided so as to keep it substantially centrally disposed on the ribbon.

The tongue 4 is resilient and its extremity tends to lie quite near the bottom of the sleeve, but it will yield upwardly so as to take cloths of increased thickness.

Having thus described our invention, we claim as new and desire to secure by Letters Patent:

1. A folder, consisting of a flat tapering sleeve having a tongue projecting from the forward larger end of the upper wall of the sleeve, said tongue being connected with the said wall by a reduced neck and extending into the sleeve to the rear smaller end thereof and parallel with the top wall, and a seat for a pressing iron in the form of a foot projecting from the upper wall at the
rear smaller end thereof, said foot being depressed to form a shoulder against which the butt end of the pressing iron rests.

2. A folder, comprising a flat sleeve having a tongue projecting from its upper wall at the forward end thereof, said tongue being connected with the said wall by a neck and projecting into said sleeve, and a seat for a pressing iron, in the form of a foot projecting from the rear end of the upper wall of the sleeve and having a shoulder at its junction with said wall, against which the end of the pressing iron rests.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

HENRY C. RAND.
MILES M. GRAF.

Witnesses:
A. L. PETERSON,
MILDRED RAND.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."