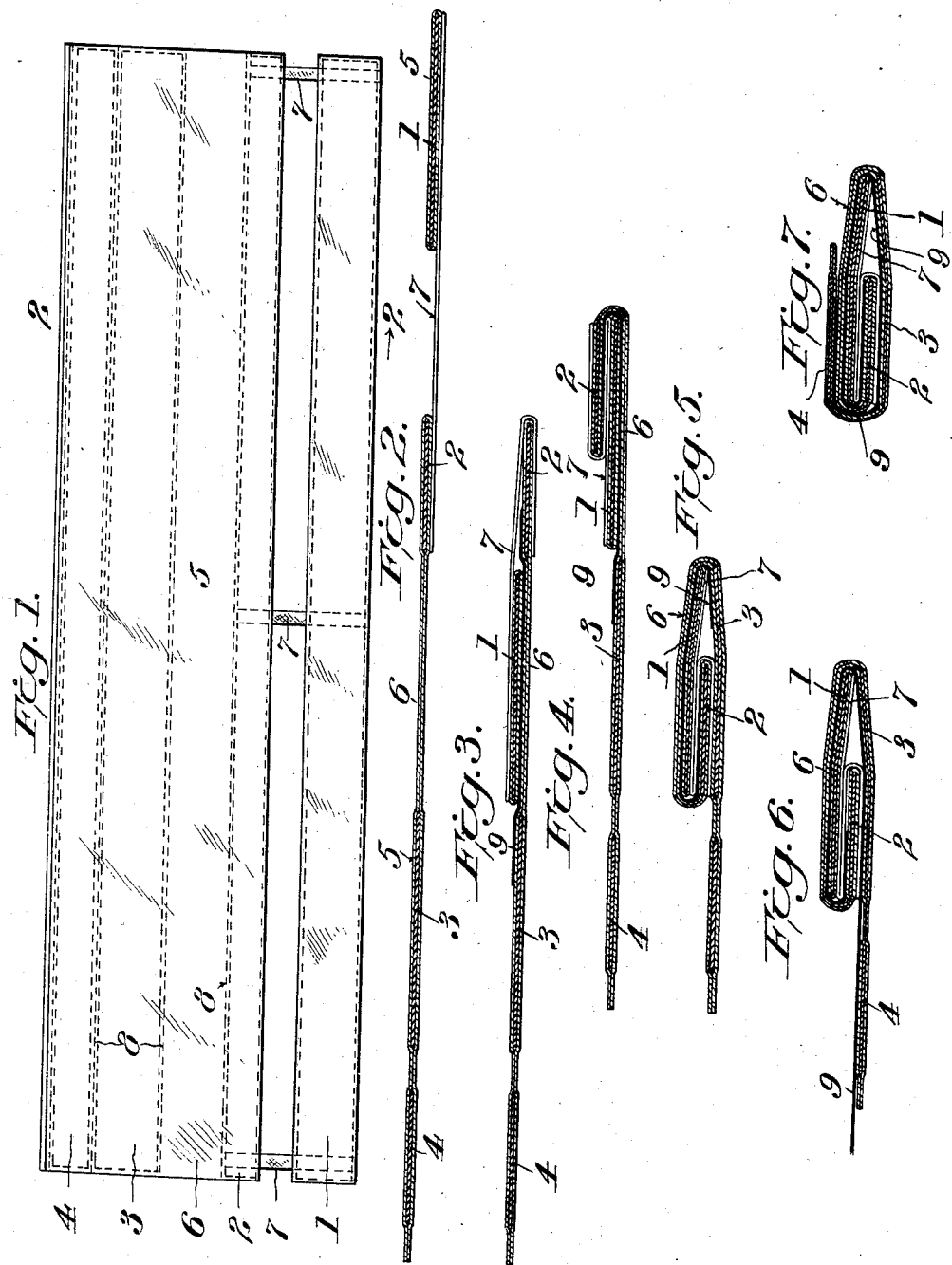


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COMBINATION BIAS, BINDING, AND HEM FOLDER.
APPLICATION FILED MAY 3, 1911.

1,016,626.

Patented Feb. 6, 1912.



WITNESSES

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MARY MACON HARRIS, OF HAZLEHURST, MISSISSIPPI.

COMBINATION BIAS, BINDING, AND HEM FOLDER.

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Specification of Letters Patent.

Patented Feb. 6, 1912.

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To all whom it may concern:

Be it known that I, MARY MACON HARRIS, a citizen of the United States, residing at Hazlehurst, in the county of Copiah and State of Mississippi, have invented certain new and useful Improvements in Combination Bias, Binding, and Hem Folders, of which the following is a full, clear, and exact specification.

My invention relates to dressmaker's appliances and has for its object the provision of a device of simple construction by which the edge of the textile fabric may be easily, evenly and rapidly turned for the formation of folds, bindings and hems. This stated object and such other incidental objects as will hereinafter appear are attained in such a device as is illustrated in the accompanying drawing, and the invention resides in certain novel features hereinafter first fully described and then particularly pointed out in the appended claims.

In the drawings:—Figure 1 is a plan view of a folder embodying my invention; Fig. 2 is a transverse section of the same on an enlarged scale; Figs. 3, 4 and 5 are enlarged sectional views showing the manner of using the folder for turning in the edges of a fold which is to be subsequently applied to a garment; Fig. 6 is a view similar to Fig. 5 but showing a length of fabric to be hemmed instead of the fold indicated in Figs. 3, 4 and 5; Fig. 7 is a detail sectional view illustrating the additional step in forming a binding.

In carrying out my invention, I employ a plurality of folder members 1, 2, 3, 4, which may be of any light flexible or pliable material, preferably sheet steel, and of any desired widths. These members are all covered with some smooth light textile material such as lawn or muslin, indicated at 5. The folder members are in the form of long narrow strips and the strips 2, 3 and 4 are held in parallel relation with the covering fabric in common, a portion of said fabric being left unfilled so as to form a fabric connection or strip 6 between the strips 2 and 3 about equal in width to the strip or member 3. The strip or member 1 of any desired width is covered independently of the other strips or members and is permanently or detachably connected to one edge of the member 2 by a series of narrow transverse flexible couplings 7 which may conveniently be short pieces of tape. In apply-

ing the cover 5, lines of stitching 8 are run close to the edges of the several strips to hold the strips in parallel relation and serve as hinges to permit the strips to be swung about one another.

In using the device, it is placed upon a table or other flat surface and the goods to be folded placed thereover after which the strips or members are folded over, with the goods, one upon another. If the edges of a fold are to be turned in, the strip of goods 9, cut to the proper width, is placed over the fabric strip 6 with its longitudinal edges resting on the strips or members 2 and 3. The holder member 1 is then placed over the goods so as to fit between the folder members 2 and 3 (see Fig. 3) after which the member 2 is folded over upon the member 1, as shown in Fig. 4. The members 1, 2 and 6 are then folded over upon the member 3, as shown in Fig. 5, after which a smooth damp cloth is placed over the folded device and a hot iron pressed over it until such cloth is dry. If the folder be then opened out to its normal flat condition it will be found that the edges of the fold will be turned in evenly and the fold is ready to be sewed to the garment.

It will be readily observed that when the member 1 is placed over the strip 6 and the goods thereon the goods will be held against slipping and the sides of said member 1 will form straight edges against and over which the edges of the goods will be folded by the subsequent turning of the member 2 onto the member 1 and the turning of the members 1 and 2 onto the member 3. The edge of the fold is thus turned on a straight line more expeditiously than the work could be done heretofore without any distortion or stretching of the fold and when the fold is "on the bias" the results are highly advantageous. It is to be understood that the device will be provided in variety of sizes so as to accommodate folds of various widths.

To turn in the edge of a hem, the procedure is the same as when turning in the edges of folds, as will be understood on reference to Fig. 6, the edge of the fabric being placed on the folder member 2 and the fabric extending out over the members 6, 3 and 4.

In turning the edges of binding, the strip of goods is placed along the folder with its edges resting on the members 2 and 4. The strip or member 1 is then placed over the

goods and the member 2 folded over onto the member 1, the members 1 and 2 being then folded onto the member 3 as before described and as shown in Figs. 3, 4 and 5. Before applying the pressing iron, however, the strip 4 is folded over onto the previously folded members, as shown in Fig. 7.

The operation and many advantages of the device are thought to be obvious from the foregoing description and further detailed mention of the same is deemed unnecessary.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent of the United States is:—

1. A device of the character described comprising a plurality of flexibly connected folder members and a holder member spaced apart from said folder member, adapted to clamp the work in position upon the folder members and constitute a guide about which the folder members may be turned.

2. A device of the character described comprising a series of strip-like members,

flexible connections between some of the members, a fabric connection between two of the members, said connection being approximately equal in width to one of the members connected by it and extending the length thereof, and a holder strip-like member of similar width adapted to rest upon said fabric connection between the members joined by the same.

3. A device of the character described comprising a plurality of stiff strips, a textile covering and coupling extending over and connecting said strips, the covering being stitched along the edges of the strips and two of the strips spaced apart, and another similar strip adapted to rest upon said textile covering between the said spaced strips.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MARY MACON HARRIS.

Witnesses:

Mrs. E. H. DE BERRY,
KATHLEEN HARRIS.

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