

A. LAUBSCHER.
FOLDING AND CORDING ATTACHMENT FOR SEWING MACHINES.
APPLICATION FILED SEPT. 16, 1909.

994,761.

Patented June 13, 1911.

Fig. 1

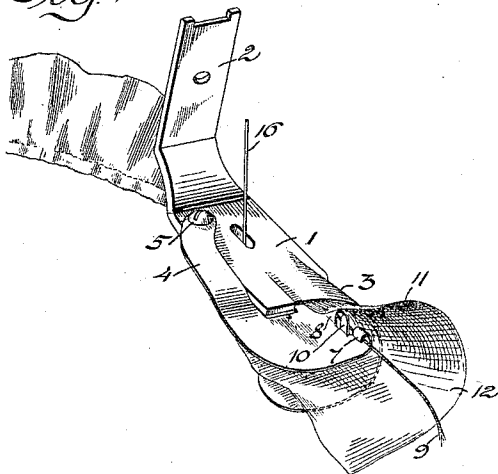


Fig. 2.

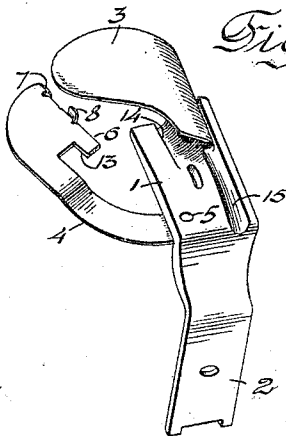


Fig. 3

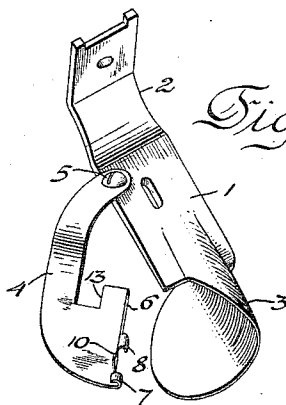
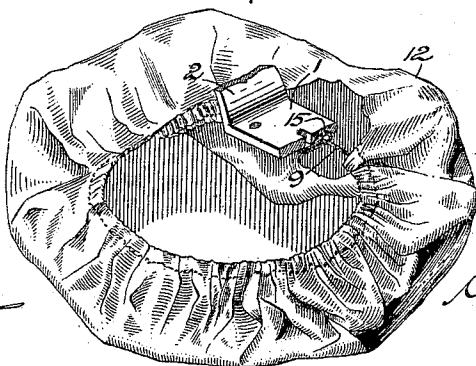


Fig. 4.



WITNESSES:

Norman J. Acker
Norman J. Acker

INVENTOR

Alexander Laubscher

BY *E. J. Brown*

ATTORNEY

UNITED STATES PATENT OFFICE.

ALEXANDER LAUBSCHER, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THE SINGER MANUFACTURING COMPANY, OF ELIZABETH, NEW JERSEY, A CORPORATION OF NEW JERSEY.

FOLDING AND CORDING ATTACHMENT FOR SEWING-MACHINES.

994,761.

Specification of Letters Patent. Patented June 13, 1911.

Application filed September 16, 1909. Serial No. 517,983.

To all whom it may concern:

Be it known that I, ALEXANDER LAUBSCHER, a citizen of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Folding and Cording Attachments for Sewing-Machines, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to improvements in folding and cording attachments for sewing machines and is designed principally for laying and stitching an endless fold and simultaneously inserting therein an endless cord. This and other features of the invention will be understood by reference to the accompanying drawings, in which,

Figure 1 is a perspective view of the combined folder and corder, showing the materials in position for the stitching operation; Fig. 2, a perspective view of the underside of the attachment shown in Fig. 1, illustrating the cloth-folding and cord-guiding bracket adjusted to its inoperative position; Fig. 3, a perspective view of the reverse side of the attachment shown in Fig. 2, and Fig. 4 a view in perspective of a partially completed bathing cap, together with a broken section of the cloth-presser member.

1 represents the cloth-presser member or foot provided at its rear end with the attaching standard 2 for attachment to the commonly employed spring depressed presser-bar, not shown, and at its opposite end with a scroll-guide 3.

4 illustrates the cloth-folding and cord-guiding bracket pivotally secured by screw 5 to the upper side of the presser member 1, 6 the cloth-folding member, and 7 and 8 the hook-shaped, cord-guiding members carried by said bracket.

The mechanical control and manual manipulation of the device as demonstrated by its employment for effecting the production illustrated in Fig. 4 is as follows:—The cloth-folding and cord-guiding bracket 4 is first adjusted to the position shown in Fig. 3, when the cord 9 (in the present instance, an endless elastic cord) is positioned in the guides 7 and 8, a lip 10 acting to facilitate the threading operation, after which the cloth-folding and cord-guiding bracket is adjusted to its operative position, as shown

in Fig. 1. The free edge 11 of the material 12 is next passed into the scroll-guide 3 and over the cloth-folding member 6, followed by the stitching operation. The bracket 4 is constructed of spring metal and is formed so that when it is moved to operative position the wall 13 of the cloth-folding member 6 snaps into contact with the wall 14 of the cloth-presser member 1, causing the bracket to be locked against accidental displacement; and at the same time the cord 9 will be positioned in the groove 15 formed on the underside of the presser member 1. When the seam has been advanced to, or substantially to, the point illustrated in Fig. 4, and while the needle 16 is in the material, the cloth-folding and cord-guiding bracket is returned to its inoperative position and the cord released from the guides 7 and 8, thus permitting the folding, stitching and cording operations to be continued to their starting positions.

While the drawings and specifications show and describe the preferred form of construction, it will be evident that a single cord-guiding element would possess a substantial degree of utility; accordingly, it is to be understood that the invention is not limited to multiple cord-guiding elements.

Claims:—

1. A cloth-folding and cord-guiding attachment for sewing machines comprising a cloth-presser member provided with a scroll guide and an adjustably-secured cloth-folding and cord-guiding bracket, the latter being provided with a cloth-folding member, a cord-guiding member and means for holding said bracket against accidental displacement when in operative position.

2. A cloth-folding and cord-guiding attachment for sewing machines comprising a cloth-presser member provided with a scroll guide and an adjustably-secured cloth-folding and cord-guiding bracket, the latter being provided with a threading lip, a cloth-folding member and hook-shaped cord-guiding members, the latter of which are arranged on opposite sides of said threading lip.

3. A cloth-folding and cord-guiding attachment for sewing machines comprising a cloth-presser member provided with a cord-guiding groove, a scroll guide and an adjustably-secured cloth-folding and cord-

guiding bracket, the latter being provided with a cloth-folding member, a cord-guiding member and means coöperating with said presser member for holding said bracket
5 against accidental displacement when in operative position.

4. In a cloth-folding and cord-guiding attachment for sewing machines, the following instrumentalities in combination: a
10 cloth-presser member provided with a cord-guiding groove, a scroll guide and an adjustably-secured cloth-folding and cord-guiding bracket, the latter being provided

with a cloth-folding member, multiple hook-shaped cord-guiding members, a threading 15 lip, and means for holding said bracket against accidental displacement when in operative position.

In testimony whereof, I have signed my name to this specification, in the presence of 20 two subscribing witnesses.

ALEXANDER LAUBSCHER.

Witnesses:

ABBIE M. DONIHUE,
F. W. OSTROM.

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