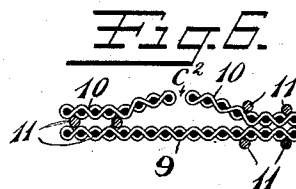
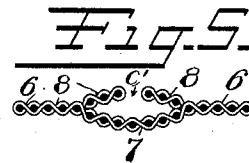
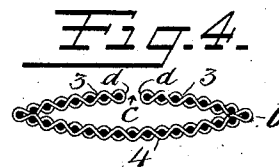
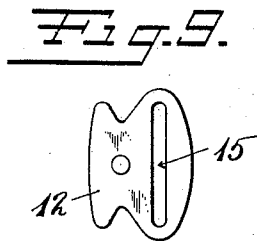
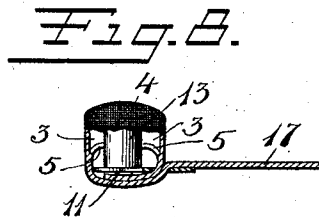
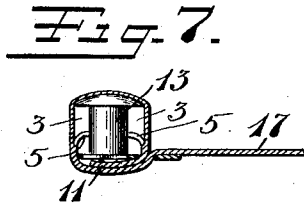
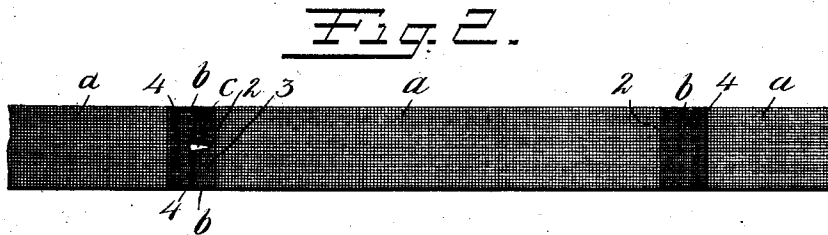
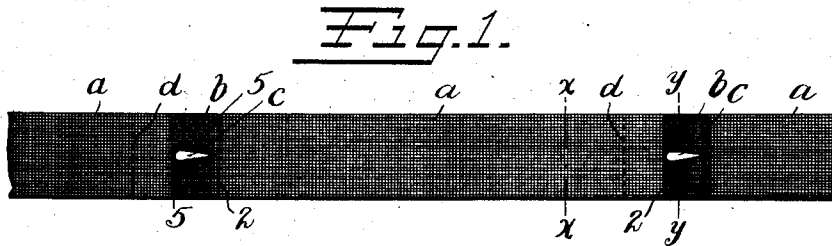


G. E. CLAUSS.
 BUTTON COVERING FABRIC.
 APPLICATION FILED OCT. 28, 1911.

1,027,690.

Patented May 28, 1912.



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UNITED STATES PATENT OFFICE.

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BUTTON-COVERING FABRIC.

1,027,690.

Specification of Letters Patent.

Patented May 28, 1912.

Application filed October 28, 1911. Serial No. 657,348.

To all whom it may concern:

Be it known that I, GEORGE E. CLAUSS, a citizen of the United States, residing at Ansonia, in the county of New Haven and State of Connecticut, have invented a certain new and useful Improvement in Button-Covering Fabrics, of which the following is a specification.

My invention relates to button covering fabrics but more particularly to that style of the same which is woven in narrow running lengths and known in the trade as tape or webbing.

The object of my invention is to provide a fabric of this character which is woven in such a manner that covered button holes occur therein at predetermined intervals. I attain this object in the preferred embodiment of my invention set forth in the following description and accompanying drawings in which like reference characters refer to corresponding parts.

In the drawings: Figure 1 is a view of one of the flat sides of the tape; Fig. 2, a view of the reverse side; Figs. 3 and 4, transverse section taken respectively on the lines $x-x$ and $y-y$ in Fig. 1; Figs. 5 and 6, transverse sectional views of modifications; Fig. 7 a longitudinal sectional view of the tape applied to a hose supporter button; Fig. 8 a side view of the same a part of the tape being broken away, and Fig. 9, a bottom view of the button before the same is covered with the tape.

While the fabric may be used to cover a variety of styles of buttons, for the purpose of illustration I will describe the same when woven for the purpose of covering hose supporter buttons such as are used in connection with garment fastening loops in devices known in the trade as loop and button clasps. Tapes which are thus used are known as tabs or tab ends and have one end anchored at or near the top of the loop and the other end fastened to the button and more often passed around the head of the button and through slots in the base thereof in a manner and for a purpose too well known in the art to require any particular description. These tabs are of short predetermined lengths and are now cut from a running tape in common use on the market.

Referring to Figs. 1, 2, 3 and 4, in which a fragmentary length of my improved tape

is shown, each alternate section a , between the lines 2, 2, represent the tape woven flat in the usual manner. Each alternate section b , however, is woven tubular or in double layers 3 and 4; a button hole c having side edges 5, 5 being formed in one of the layers as shown in Figs. 1 and 4. The dotted lines d, d indicate where the tape may be cut off or sheared to form the separate tabs. As in all running fabrics my tape may be woven to any desired length the exact relative arrangement of the sections a and b being arbitrarily determined according to the use to which it is desired to put the fabric.

One way of constructing my tape above described is by weaving the sections a flat and solid in most any manner well known in weaving tape, and then continuing the weaving of the warp and weft threads to form the tubular sections b in which is formed the button hole c . It is not necessary, however, that the entire section b should be woven tubular since the side portions thereof, especially in wide tape or webbing, may be woven flat and solid as shown in Fig. 5 or be bound together as shown in Fig. 6. In Fig. 5 the numerals 6, 6 indicate the side portions of the section b , while the intermediate double layers 7, and 8, 8 may be formed in the same manner as in the preceding figure to form the covered button hole c' . In Fig. 6 the lower layer 9 and the upper layer 10, 10 are not woven exactly tubular but in two independent layers so that the outside edges are not necessarily bound to form a tubular section. I may bind the two layers 9 and 10, 10 together, however, by single warp threads 11 disposed apart from each other at arbitrary intervals across the tape in such a manner as to leave a pocket in under the button hole c^2 . Neither is it necessary that the parts a or b should be of any particular texture, since the essential feature of my invention resides in disposing the covered button holes or pockets at predetermined intervals in the fabric. I prefer, however, to strengthen the section b by weaving the weft or cross threads close upon each other so as to give a heavier body to the fabric, and if desirable to run in extra threads, either warp or weft, for the same purpose.

Having now described my fabric when woven for the purpose of cutting it up into tabs I will now describe one of the ways in

which the tabs may be attached to a hose supporter button.

Referring to Figs. 7 and 8 the button consists of the base plate 12 on which is mounted the shank 13 the latter being capped by the head 14. This is a common form of button used on hose supporters with the exception that it is provided with only one slot 15 instead of two slots. In cutting the tabs at the points indicated by the dotted lines in Fig. 1 a short flat portion is left on one side of the button hole section while a relatively long flat portion is left on the opposite side. This short flat end 16 is placed in under the base plate and is then threaded upwardly through the slot 15. The button hole *c* is then slipped over the head or cap of the button being just about large enough to embrace the head and shank. The long flat portion 17 of the tab is then continued down around the forward end of the button plate and then rearwardly under the end 16 and is threaded upwardly through the slot 15 from which position it is continued to its point of anchorage in the usual manner. In this manner the head of the button is covered by the layer 4 while the layers 3, 3, embrace the shank of the button, thereby presenting a covered head and shank in the usual manner of covered buttons. In the present form of tab in use on the market only one fold or layer is utilized to cover both the head and shank and this fold is held in place and prevented from slipping laterally by two slots one on each end of the button. In using my tab no slots are required for this purpose since the sides 5, 5 of the button hole *c* prevent the tab from slipping off the button. Although I have shown one slot 10 it is obvious that this might be eliminated and an entirely different base be utilized according to the manner in which it is desired to fold the end of the tab around the button. I find, however, that the button herein illustrated when fastened to my tab forms a very neat and attractive article in which no sewing is required and in which the balance of the button is properly maintained by means of the slot 15.

While I have illustrated and described my fabric woven in the form of a narrow tape it is obvious that the covered button holes or pockets may be disposed at predetermined intervals in any woven fabric according to its use and my invention is susceptible of such further modification as may fairly come within the scope of the appended claims.

Having now described my invention what I claim and desire to protect by Letters Patent is:

1. A running tape for hose supporters consisting of woven flat sections, and adjacent intermediate sections woven in double layers for the purpose of forming a covering pocket for a hose supporter button, one of which latter being woven to form a button hole disposed longitudinally and midway thereof, and the said intermediate sections being disposed at such intervals that the tape may be sheared into tab ends each of which has a button hole pocket adjacent to one extremity thereof.

2. A running tape for hose supporters consisting of sections woven solid, and adjacent intermediate sections woven in separated layers for the purpose of forming a covering pocket for a hose supporter button, of the outside layers having a button hole woven longitudinally and midway thereof, and the said intermediate sections being disposed at such predetermined intervals that the tape may be sheared into tab ends each of which has a button hole pocket adjacent to one extremity thereof.

3. A tab end for a hose supporter button having one extremity thereof woven to form a covering pocket for the button.

4. A tab end for hose supporter buttons having its button end woven into separate layers for the purpose of forming a covering pocket for a hose supporter button, one of the outside layers being provided with a button hole to enable said layer to embrace the shank of said button.

GEORGE E. CLAUSS.

Witnesses:

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