June 11, 1935. A. BOPEA 2,004,305

SHOULDER STRAP HOLDER

Filed July 11, 1934

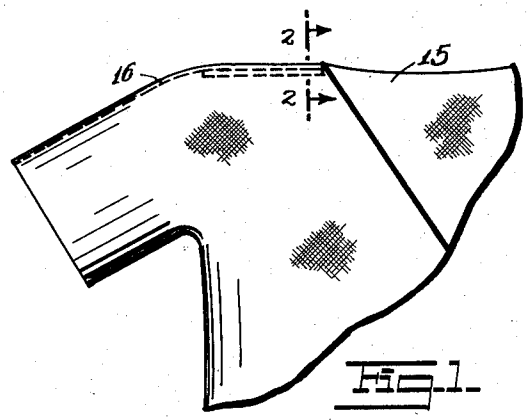


Fig. 1.

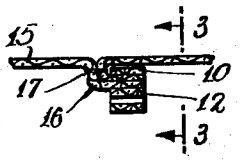


Fig. 2.

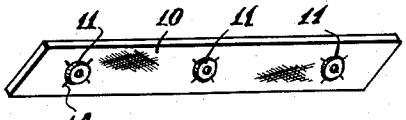


Fig. 4.

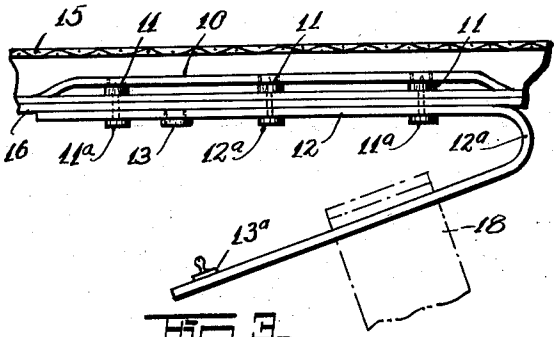


Fig. 3.

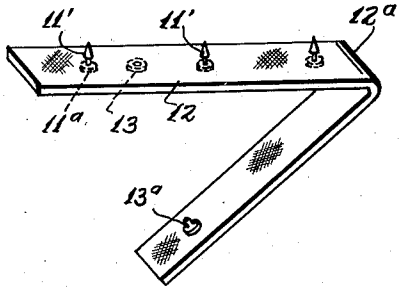


Fig. 5.

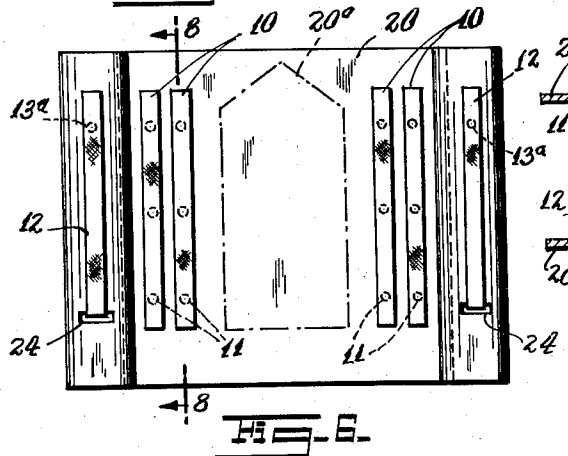


Fig. 6.

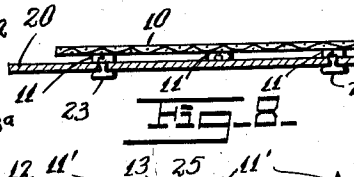


Fig. 8.

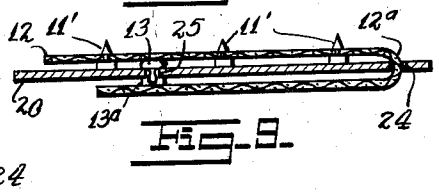


Fig. 9.

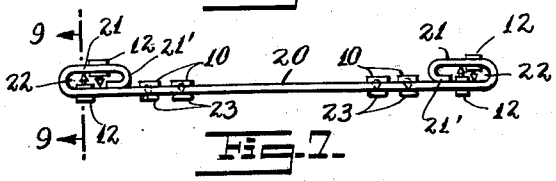


Fig. 7.

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UNITED STATES PATENT OFFICE

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SHOULDER STRAP HOLDER

Angela Bopea, Peekskill, N. Y.

Application July 11, 1934, Serial No. 734,616

5 Claims. (Cl. 24—73)

This invention relates to new and useful improvements in a fastener device for association with the shoulder portions of a garment to hold the shoulder straps of undergarments and a card for holding the same.

The invention has for an object the construction of a fastener device which is characterized by a novel locking means for its attachment upon the shoulder seam of a dress or similar garment. The fastener device is of a type consisting of a strip bent at the center and equipped with coacting elements upon adjacent faces to hold the strip together in the form of a loop for the purpose of holding shoulder straps. These types of fastener devices have been previously known but such fastener devices were defective in their attachments upon garments. In prior arrangements, it was customary to sew such fastener devices upon the shoulder seam of a garment. The present invention requires no sewing for firmly attaching the fastener device in locking position on the seam of a garment.

The invention has for an object the association of snap fasteners with a foundation strip and with the fastener device in a novel manner so that the fastener device may be readily and easily engaged upon the shoulder seam of a dress.

Still further the invention proposes the provision of a card for holding the fastener device when offered for sale, and the fastener device arranged in such a manner upon the card that objectional points associated with the fastener device are shielded from free exposure.

Still further the invention proposes the construction of a device as mentioned which is simple and durable and which may be manufactured and sold at a reasonable cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawing, and to the appended claims in which the various novel features are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:—

Fig. 1 is a fragmentary front elevational view of a portion of a lady's garment with a fastener device according to this invention engaged thereon.

Fig. 2 is a fragmentary sectional view taken on the line 2—2 of Fig. 1.

Fig. 3 is a transverse enlarged sectional view taken on the line 3—3 of Fig. 2.

Fig. 4 is a perspective view of the foundation strip used in the fastener device according to this invention.

Fig. 5 is a perspective view of the fastener device per se adapted to be associated with the strip shown in Fig. 4.

Fig. 6 is a front elevational view of a card with fastener devices according to this invention.

Fig. 7 is an edge elevational view of Fig. 6.

Fig. 8 is a sectional view taken on the line 8—8 of Fig. 6.

Fig. 9 is a sectional view taken on the line 9—9 of Fig. 7.

The fastener device, according to this invention, comprises a foundation strip 10 upon which there is secured a plurality of snap fastener elements 11 adapted to coact with complementary spear-like locking snap fastener elements 11' attached on a fastener device strip 12 and similarly spaced to the spacing of the snap fastener elements 11. The fastener strip 12 constitutes a strip of material bent substantially at the cener 12^a and provided with snap fastener elements 13 and 13^a upon adjacent faces adapted to engage each other for the purpose of forming a loop through which shoulder straps of undergarments may engage. The locking snap fastener elements 11' are arranged upon one of the sections of the bent strip so that it may readily be attached to the shoulder seam of a dress as hereinafter explained. As illustrated in the drawing, the fastener elements 11 are secured at 14 upon the strip 10 and are of the female type. The locking snap fastener elements 11' are of the spear-like male type and are pressed through the strip 12. Each of these male snap fastener elements have heads 11^a upon the underside of the portion and pointed heads on the upper side adapted to coact with the female snap fastener elements 11.

In Figs. 1–3, a garment 15 is illustrated formed with a conventional shoulder seam 16. This shoulder seam comprises merely the edges of the front and back portions of the garment sewed together with a line of stitches 17 forming edges on the inner side of the garment. It is from the free edges of the shoulder seam that the fastener device, according to this invention is engaged.

The method of arrangement consists in placing foundation strip 10 upon the top on the free edges of the shoulder seam as illustrated in Figs. 2 and 3 and then engaging the fastener device below the free edges of the shoulder seam and pressing the pointed snap fastener elements through the material of the free edges of the shoulder seam to lock them with the complementary snap fastener elements on the foundation strip 10. The

dot and dash lines 18 in Fig. 3 indicate a conventional shoulder strap to illustrate the manner in which it is supported upon the loop formed by the fastener. The snap fastener elements 13 and 13a must be engaged with each other to finish the loop formation.

It is a feature of this invention that the locking fastener device for the shoulder straps is permanently connected upon the edges of the shoulder seam of the garment. Furthermore as another feature the snap fasteners are associated with a foundation strip and with a section of a fastener device in such a manner that they are properly spaced from each other and may be engaged substantially in a unit when desired.

In Figs. 6–9 inclusive, the card and the method for mounting the fastener devices on the card is described. More particularly, the invention comprises a card 20 having card sections 21 bent over from edges thereof and the free edges 21' of these sections bent under so as to form compartments 22 which are completely shielded. The foundation strips 10 are secured upon the card 20 adjacent the bent portions by merely engaging snap fastener elements 23 through openings in the card to coact with the snap fastener elements 11.

The fastener devices are secured upon the card by engaging them through openings 24 in the card so as to have the top and bottom sections thereof disposed to the top and by the sides of portions of the card. The snap fastener elements 13 and 13a are arranged with each other through openings 25 in the card for the purpose of holding fastener devices upon the card. The fastener devices are so arranged upon the card that the pointed snap fastener elements 11' are disposed within the compartments 22 and are so shielded. Advertising matter may be applied to the central area 20a of the card.

The card illustrated on the drawing is shown provided with four fastening devices according to this invention. These may be selectively removed and used as desired. The bent portions 21 of the card may be lifted temporarily for the removal of the fastener parts mounted thereon and fastener devices are removed by disengaging the snap fasteners which hold them upon the card.

It is to be understood that snap fastener elements 11 may also be secured on the foundation strip 10 by any suitable means, for example by riveting or clipping. It is also to be understood that the snap fastener elements 11 may be secured to the shoulder seam 16 or to any other part of the garment. In that event the foundation strip 10 may be eliminated.

This arrangement permits the ready locking of the snap fastener elements 11 with their complementary elements without stitching. These members will grip the shoulder seam and firmly lock the foundation strip 10 to the fastener strip 12.

Once these two strips are secured together it will not be necessary to separate them. The said strips will stay in permanent locked position on the garments.

It is to be understood that this fastener device is provided with flat and thin fasteners in order to keep the shoulder strap holder from being bulky.

While I have shown and described, the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed, and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. A fastener for the shoulder straps of undergarments, comprising fastener elements mounted inside of a dress and upon the topside of a shoulder seam thereof, a fastener for engagement beneath said shoulder seam and having complementary spear-like snap fastener elements adapted to pierce the material of the shoulder seam and engage said snap fastener elements for permanent attachment of the shoulder strap fastener upon the dress.

2. A fastener for the shoulder straps of undergarments, comprising a foundation strip with fastener elements mounted thereon and adapted to be located upon the underside of a shoulder portion of a dress and upon the top side of the shoulder seam thereof, a fastener for engagement beneath said shoulder seam and having complementary spear-like snap fastener elements adapted to pierce the material of the shoulder seam and engage said snap fastener elements for permanent attachment of the shoulder strap fastener upon the dress.

3. A fastener for the shoulder straps of undergarments, comprising foundation strip with fastener elements mounted thereon and adapted to be located upon the underside of a shoulder portion of a dress and upon the top side of the shoulder seam thereof, a fastener for engagement beneath said shoulder seam and having complementary spear-like snap fastener elements adapted to pierce the material of the shoulder seam and engage said snap fastener elements for permanent attachment of the shoulder strap fastener upon the dress, the snap fastener elements upon one of the sides of the shoulder seam being male elements with points adapted to pierce the shoulder seam for permanent attachment of the fastener device.

4. In combination with the free edges of a shoulder seam of a dress, a fastener device for the shoulder straps of undergarments and having a top strip portion, and fasteners permanently connecting said top strip portion with said free edges, said fasteners comprising male and female elements adapted to engage each other through the material of said edges.

5. In combination with the free edges of a shoulder seam of a dress, a fastener device for the shoulder straps of undergarments and having a top strip portion, and fasteners permanently connecting said top strip portion with said free edges, said fasteners comprising male and female elements adapted to engage each other through the material of said edges, the fastener elements to the top of the material of the edges being mounted upon a foundation strip to hold them relatively properly spaced aligned with the snap fastener elements beneath the edges of the shoulder seam.

ANGELA BOPEA.