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M. L. ROSS

1,853,577

SNAP FASTENER

Filed Oct. 15, 1928

Fig. 1.

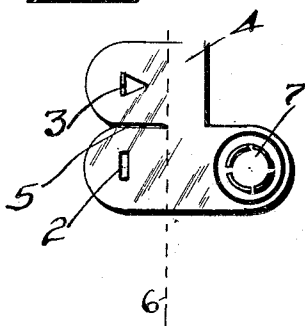


Fig. 2.

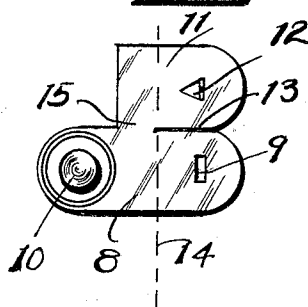


Fig. 3.

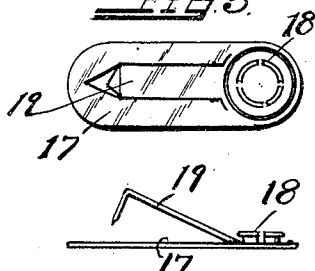


Fig. 4.

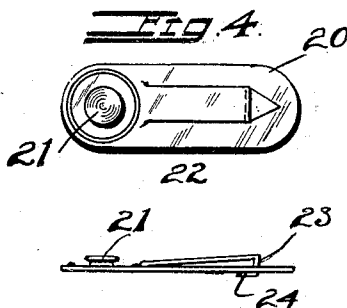


Fig. 5.

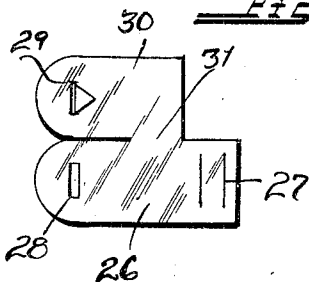


Fig. 6.

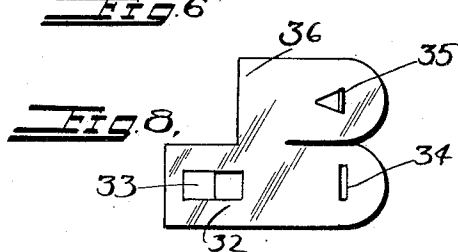


Fig. 7.

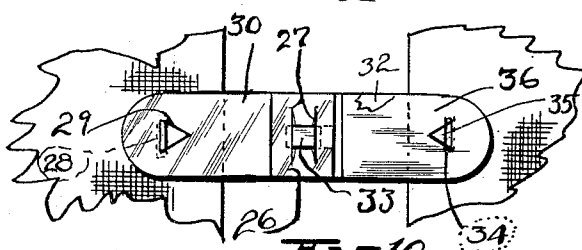


Fig. 8.

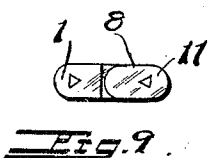


Fig. 9.

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UNITED STATES PATENT OFFICE

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SNAP FASTENER

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This invention relates to a detachable snap fastener for clothing, and it is intended to provide ready means for connecting the ordinary snap fastener, or hook and eye to the clothing of the wearer, dispensing with the necessity of sewing the snap fastener or hook and eye to the clothing of the wearer.

It will be understood by those skilled in the art that this fastener can be made in varied sizes for heavy work, or for the lightest garments as may be desired, and that the form of snap fastener, or hook and eye used may include any of the well known forms of such fasteners now in use.

This snap fastener is intended to be fastened to the underside of the shoulder seams of a dress to hold in place the straps of the under-garment, or to connect any two garments together with a snap or hook and eye fastener which is used without the necessity of sewing the fastener in place. The fastener may be permanently secured, or it may be detachably secured, as may be desired.

Other objects of the invention will be apparent as the description proceeds.

An embodiment of the invention is shown in the accompanying drawings in which the same reference numeral is applied to the same portion throughout the several figures of the drawings and of which there may be modifications.

Figure 1 is a plan view of the female blank as it appears when stamped out, and ready for use,

Figure 2 is a plan view of the male blank, the scale of both of these views being about four times the size of the small size garment fastener,

Figure 3 is a plan view of the female blank with a slightly modified form of means for connecting the snap fastener to the garment,

Figure 4 is a plan view of the male snap fastener, and the plate for fastening the same to the garment,

Figure 5 is a side elevation of the snap fastener shown in Figure 3,

Figure 6 is a side elevation of the snap fastener shown in Figure 4 showing one manner of connecting the garment and securing tongue to the body of the fastener.

Figure 7 is a plan view of the fastener showing the application of the eye fastener thereto,

Figure 8 is a plan view of the hook fastener,

Figure 9 is a view on a scale such as is commonly used for ladies' clothing of the fastener as applied to the piece of goods, and

Figure 10 is a plan view of the fastener as applied to ladies' clothing in a small size with the hook connected to the eye member.

The fastener comprises a flat sheet of brass or other suitable stiff material indicated at 1, which has a slot 2 cut therein to receive a sharpened prong 3 on a laterally extending portion of the metal 4.

The two portions of metal 1 and 4 are cut away as indicated at 5 to allow the insertion of a cloth between the two pieces of metal to the dotted line as indicated at 6 when the part 4 is folded over on top of the part 1, the point 3 being passed through the slot 2 when the two pieces of material are squeezed together.

At the other end of the piece 1, a female snap fastener 7 is formed. The other member consists of the main plate 8 which is provided with the slot 9 and male snap fastener 10, while on the side there is the ear 11 carrying the sharpened prong 12. The member 11 and member 8 are both cut away as indicated at 13 to permit the cloth edge to pass between them back to the dotted line 14 when the member 11 is bent over on top of the member 8. These two members are in both instances connected together by means of the small bit of metal as indicated at 15, which metal has sufficient strength to hold the snap fastener to the goods, while at the same time permitting it to be applied thereto without sewing, and can be detached therefrom at will, being simply separated.

In Figures 3 and 4 there are shown modified forms of the fastener, Figure 3 showing an elongated strip of metal 17 which has the female snap fastener 18 formed thereon at one end, and it is slit to provide the tongue 19. The tongue is pointed at the end, and can be pushed through the thickness of cloth to which the fastener is to be secured.

indicates the elongated metal member having the male snap fastener 21.

In this same figure there is a tongue 22 which is punched out of the metal 20, and it is provided with a point bent over end 23.

If it is desired to hold the garment more securely to the cloth, the pointed end of the tongue 23 may be bent backwardly as shown at 24.

10 In the form of the invention shown in Figure 7, the longer plate is indicated at 26, and it has a depressed loop 27 formed therein at one end, while at the other end it has the slot 28 to receive the pin 29 carried by the member 30, said member being connected to the first member by means of the piece of metal at 31 which permits it to be bent over on top of the metal strip 26 as in the previous form of the invention shown in Figures 1 and 2.

20 Figure 8 shows a longer piece of metal which is indicated at 23, and it has a hook 33 formed therein which cooperates with the loop at 27. This fastener has a slot at 34 to receive the pointed pin 35 carried by the side member 36, the construction being substantially the same as Figures 1 and 2 except that a hook and an eye is provided for connecting the two separate members together.

25 Figure 9 shows a plan view on substantially the actual scale of a small size detachable fastener such as is shown in Figures 1 and 2.

30 Figure 10 illustrates one of the small size snap fasteners attached to the two garments, the construction being that of Figures 5 and 6.

35 Having thus described my invention, what I desire to secure by Letters Patent of the United States is as follows, but modifications may be made in carrying out the invention as shown in the drawings, and in the above particularly described form thereof, within the purview of the annexed claims.

I claim:

1. A separable fastener for clothing, comprising a pair of plates with slots in the ends thereof and having snap fasteners thereon adapted to interlock with each other; an integral side plate on each of said plates adapted to be bent over said plate; prongs on said side plates adapted to pass through said slots and be bent over.

2. A separable fastener for clothing, comprising a pair of plates having snap fasteners thereon, an integral side plate on each of said plates adapted to be bent over said plate, and a prong on each of said side plates adapted to engage the main plates to lock the bent over side plates in position against the main plates.

60 In testimony whereof I have hereunto set my hand this 10th day of October, A. D. 1928.

MARIE L. ROSS.