May 19, 1936. W. HOFMANN 2,041,606

SEPARABLE FASTENER

Original Filed Feb. 19, 1935

Fig. 2.

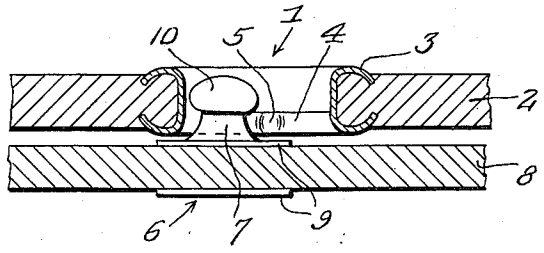


Fig. 1.

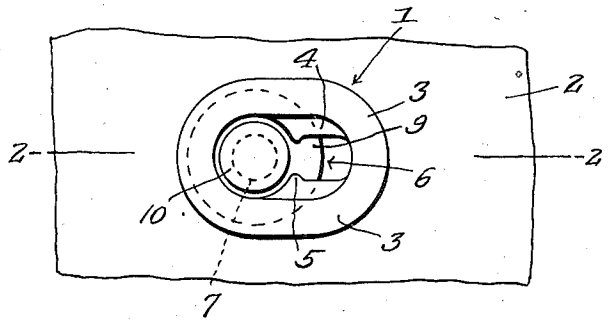
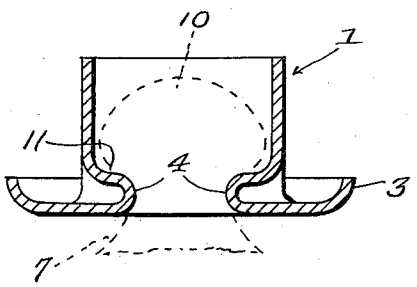


Fig. 3.



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SEPARABLE FASTENER

William Hofmann, New York, N. Y.

Continuation of application Serial No. 7,292, February 19, 1935. This application November 12, 1935, Serial No. 49,422

1 Claim. (Cl. 24—2.24)

This invention relates to separable fasteners and more particularly to fasteners of this type particularly designed for use on garments and tapes, although it will be understood, that in actual practice the invention may be used for any purpose for which it is found adaptable.

Among the objects of the invention is to provide a novel separable fastener element together with improved means for securing the fastener element to the tape or the like with which it is being used.

The present application is a continuation in whole of my abandoned application Serial No. 7,292 filed by me under date of February 19, 1935, and entitled "Separable fastener."

The invention together with its objects and advantages will be best understood from a study of the following description taken in connection with the accompanying drawing wherein:

Figure 1 is a plan view of a separable fastener constructed in accordance with the present invention.

Figure 2 is a sectional view, taken substantially on the line 2—2 of Figure 1.

Figure 3 is a view in vertical transverse section through the female member, showing the same before it was mounted in the material, a portion of the male member being suggested in dotted lines.

Referring to the drawing by reference numerals it will be seen that in the preferred embodiment of the invention there is provided a female member substantially in the form of an eyelet, and the same is designated generally by the reference numeral 1.

As illustrated to advantage in Figure 1 of the drawing, the female member 1 is elongated longitudinally of the tape 2 and is secured to the tape through the medium of flanges 3.

For cooperation with the female member 1 is a male member designated generally by the reference numeral 6 that includes, as shown, a shank 7 which is secured to the material 8 in any suitable manner as at 9. On the free end of the shank is a head 10.

In accordance with the present invention the female member 1 is further characterized by having the inner portion of the longitudinal walls thereof pressed inwardly, at one end, in a manner to provide retaining ribs 4 and lugs or teats 5 projecting inwardly from the inner end portions of the retaining ribs 4 as shown.

With the female member 1, and the male member 6 engaged in final cooperating position the head 10 of the male member engages the shoulders 11 (see Figure 3) which are formed in the female member 1 by the aforementioned retaining rib 4.

It is thought that the manner of using the fastener will be readily apparent. The male member 6 is initially inserted endwise in the female member 1 at one end of said female member, that is to say at the end of the female member free of the retaining ribs 4, as seen in Figures 1 and 2 of the drawing.

The male member 6 is then moved laterally and longitudinally in the female member 1 to engage the shank 7 between the ribs 4, said shank 7 passing the lugs 5 with a "snap" action and the head 10 seating on the shoulders 11. The lugs 5 releasably secure the shank 7 between the ribs 4. If desired, the female member 1 may be slit at the end thereof which is remote from the ribs 4 to provide resiliency.

It is thought that a clear understanding of the invention together with its many advantages will be had from the foregoing.

Having thus described the invention, what is claimed as new is:

The herein described new article of manufacture comprising an apertured tape, and a separable fastener member, of female type, made up essentially of an elongated eyelet extending in the direction of the thickness of the tape and through the aperture thereof, and also extending longitudinally in the direction of the length of the tape; said fastener member being also provided with an inwardly directed rib or shoulder portion, of U-shape in cross section, forming a circular opening and a constricted seat extending radially from said opening, said rib or shoulder lying substantially in the plane of the tape, a flange merged into the said rib or shoulder portion and clamping the tape at one side thereof, and a flange extending from the end of the eyelet remote from said rib or shoulder portion, and clamping the tape at the opposite side thereof.

WILLIAM HOFMANN.