Aug. 9, 1927. 1,638,321

D. M. BURMISTER

SEPARABLE FASTENER

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Fig. 6.

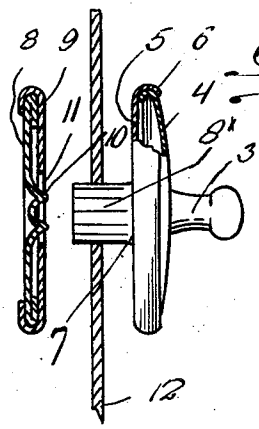


Fig. 1.

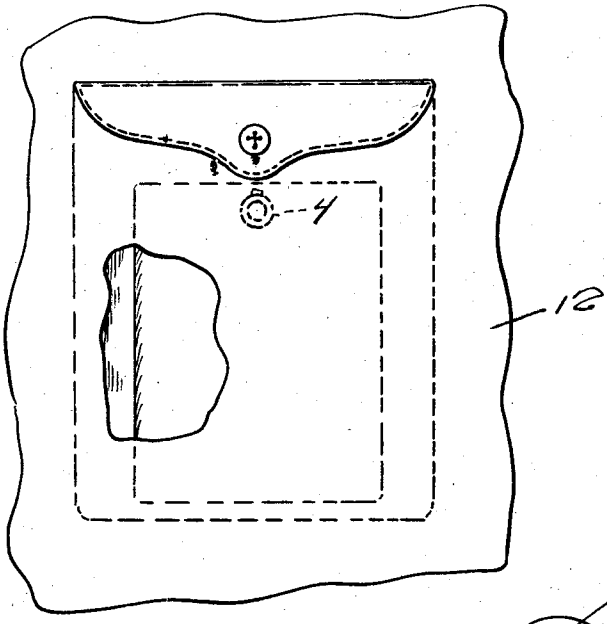


Fig. 2.

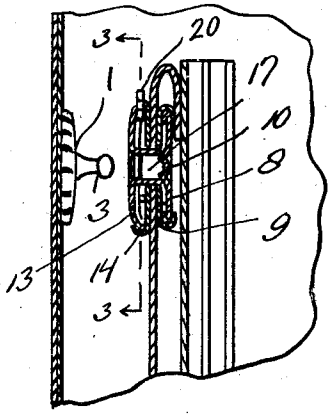


Fig. 3.

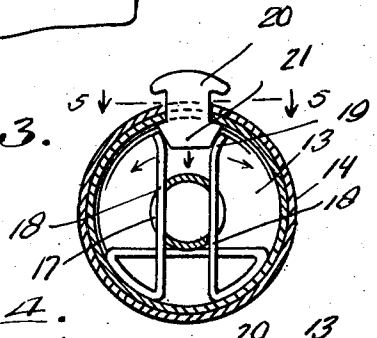
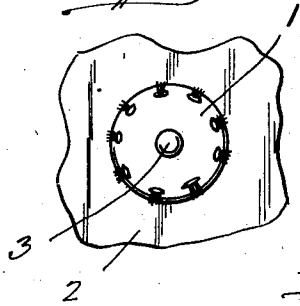


Fig. 4.



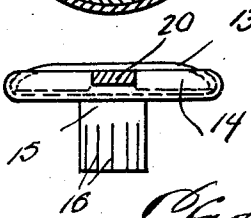


Fig. 5

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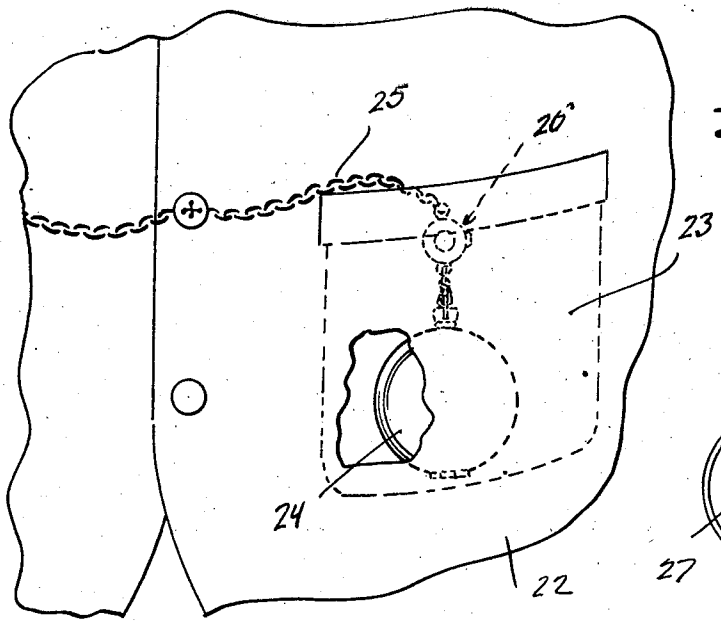

Fig. 7.

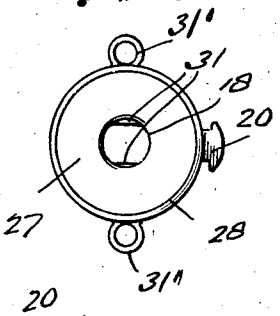

Fig. 9.

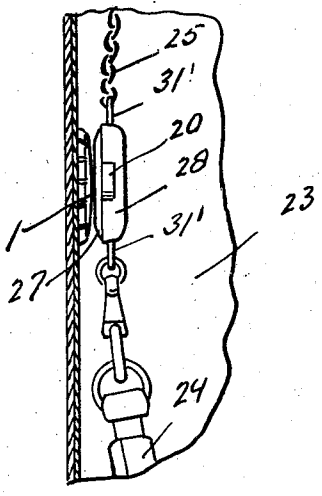

Fig. 8.

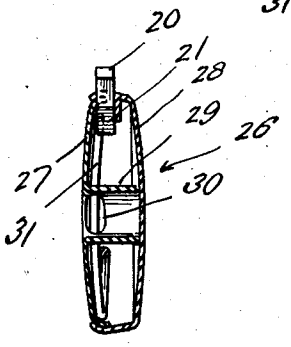

Fig. 10.

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UNITED STATES PATENT OFFICE.

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SEPARABLE FASTENER.

Application filed October 5, 1926. Serial No. 139,659.

This invention relates to an improved separable fastener constructed to provide a safety appliance for holding various articles of value in pockets in clothing.

The invention has more particular reference to a device which is constructed, for instance, for holding a bill fold, money containing wallet, watch or similar article in one's pocket to provide against accidental displacement and to prevent easy withdrawal by pickpockets and the like.

The particular structural features of the invention will become more readily apparent from the following detailed description and the accompanying claims.

In the accompanying drawings forming a part of this application and in which like numerals are employed to designate like parts throughout the same:

Figure 1 is a fragmentary view of an article of clothing showing the pocket containing a wallet held in place by the improved separable fastener,

Fig. 2 is a vertical section through the same,

Fig. 3 is an enlarged detail section taken approximately upon the plane of the line 3—3 of Fig. 2.

Fig. 4 is a detail view of the headed stud,

Fig. 5 is a section on the line 5—5 of Fig. 3,

Fig. 6 is an enlarged detail view showing a different form of stud and anchoring device therefor,

Fig. 7 is a view showing the invention associated with a watch and chain and pocket,

Fig. 8 is another view of the same showing the separable fastening means more in particular,

Fig. 9 is a detail view of one of the parts of the improved fastening device,

Fig. 10 is a horizontal section through the same,

The improved device comprises two parts one of which includes a headed stud and the other one of which embodies an especially constructed socket for reception of the same. By directing attention to Fig. 4, for instance, it will be seen that one member, at least in one instance, comprises a base 1 which is attached to the article of clothing 2 by stitching. The base is provided with a headed stud 3 of conventional design. In some instances, it will be found impractical to stitch the stud to the clothing and hence I provide a special anchoring device and different form of stud construction which is shown in Fig. 6. As here shown the stud is represented again by the reference character 3, the same being attached to a convex base 4 which has its rim bent for reception in a complemental cup 5. The peripheral portion of the cup is bent over the rim of the base as indicated at 6. The cup is provided with a centrally disposed sleeve 7 which is slit longitudinally as at 8′ to provide a multiplicity of spring fingers. These fingers cooperate with a special anchoring device which comprises two disks 8 and 9 fastened together in spaced relation. The disk 8 is provided with a central conical spreader 10 while the disk 9 has an opening 11 surrounding the same and adapted to permit entrance of the fingers. Obviously, by forcing the fingers through the opening, they will be spread by the part 10 and securely confined between the two disks 8 and 9 thus securely fastening the stud 3 to the cloth 12. The socket member as shown for instance in Figs. 1 to 5, inclusive, comprises faced parts 13 and 14, the edge of the part 14 being bent over the edge of the part 13 to secure them together in spaced relation. The part 13 is provided with an outstanding central sleeve or neck 15 having bendable fingers 16 which may be connected to the aforesaid anchoring device comprising the disks 8 and 9 as shown, for instance, in Fig. 2. As shown better in Fig. 3 the portion of the neck 15 which extends between the parts 13 and 14 is provided with diametrically opposite slots 17 and a spring retaining device cooperates with these. The spring retaining device is formed from a single length of wire which is bent to provide a pair of resilient arms 18 extending through the slots 17 and terminating in flared extremities 19 adjacent alined holes formed in the peripheral portions of the parts 13 and 14. These holes accommodate a manually manipulated release device which comprises a finger piece 20 and a wedge 21. This wedge is disposed between the flared extremities 19 and it is obvious that by pushing inwardly on the device in the direction of the arrow, the arms 18 will be spread apart also in the direction of the arrow thus permitting the head on the complemental studs to be released.

Directing attention now to Figs. 7 to 10 inclusive it will be seen that the reference

character 22 designates a vest having a pocket 23 in which a watch 24 is located. The watch is on the end of a chain 25 and a special retaining device 26 is employed on the part of the chain connected with the watch to hold the watch securely in the pocket. The device comprises a pair of spaced disks 27 and 28 connected together around their marginal edges in the manner shown in Fig. 10. The part 27 is provided with a central tube 29 having diametrically opposite slots 30 through which the arms 31 on the spring retaining device extend. The retaining device here shown is identical with the one already described and hence no further description is necessary. Moreover, the parts 27 and 28 are provided with openings to accommodate the release device including the features 20 and 21 already described. It will be noted that this device 26 is provided with diametrically opposite eyes 31′ to be connected with the watch clasp and chain respectively. This makes the device particularly adaptable for forming a part of a watch chain. This device obviously cooperates with a complemental headed stud in a manner already described.

In practice the device containing the socket member is placed into the pocket and forced over the head of the stud in a well known manner and when it is desired to take the article out of the pocket, the release device is simply pressed in a manner to disengage the spring arms from the head of the stud.

It is believed that by considering the description in connection with the drawings, a clear understanding of the invention will be had. Consequently, a more lengthy description is thought unnecessary.

I claim:—

1. As a new article of manufacture, a stud retainer comprising a pair of interconnected spaced members, a tube disposed between said members and provided with diametrically opposite slots, a spring retaining device arranged between said members and including spaced parallel arms extending through said slots and terminating in flared extremities, and a manually manipulated release device carried by the peripheral portions of said members and including a wedge for disposition between said flared ends for spreading said arms apart.

2. As a new product of manufacture, a pair of spaced disks secured together around their peripheries in a manner to dispose them in spaced relation, a central tube provided with diametrically opposite openings, a spring device located between said disks and including spaced parallel resilient stud-gripping arms extending across said openings, said arms terminating in outwardly flared extremities and a manually operated release device extending through alined openings in the peripheral portions of said disks, said device having a wedge on its inner end cooperating with the flared ends of said arms having a finger piece on its outer end.

3. As a new product of manufacture, a pair of spaced disks secured together around their peripheries in a manner to dispose them in spaced relation, a central tube provided with diametrically opposite openings, a spring device located between said disks and including spaced parallel resilient stud-gripping arms extending across said openings, said arms terminating in outwardly flared extremities and a manually operated release device extending through alined openings in the peripheral portions of said disks, said device having a wedge on its inner end cooperating with the flared ends of said arms having a finger piece on its outer end, together with a pair of diametrically opposite eyes for permitting said device to be associated with a watch chain.

In testimony whereof I affix my signature.

DONALD M. BURMISTER.