No. 846,678. PATENTED MAR. 12, 1907.

M. L. MARTINEZ.

FASTENING DEVICE.

APPLICATION FILED FEB. 12, 1906.

Fig. 1.

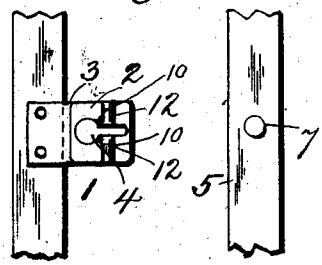


Fig. 2.

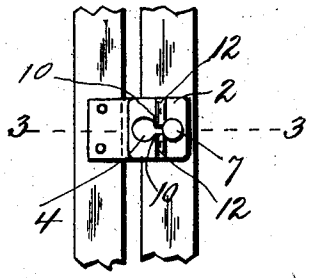


Fig. 3.

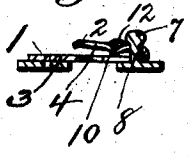


Fig. 4.

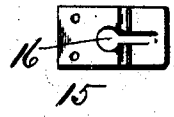


Fig. 5.



Fig. 6.

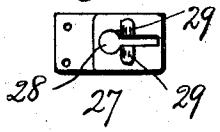
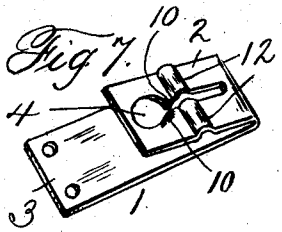


Fig. 7.



Witnesses

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UNITED STATES PATENT OFFICE.

MARIE L. MARTINEZ, OF BALTIMORE, MARYLAND.

FASTENING DEVICE.

No. 846,678. Specification of Letters Patent. Patented March 12, 1907.

Application filed February 12, 1906. Serial No. 300,745.

To all whom it may concern:

Be it known that I, MARIE L. MARTINEZ, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Fastening Devices, of which the following is a specification.

My invention has relation to fastening devices; and it relates particularly to means for detachably securing together the adjacent edges of a garment, such as a corset, skirt-placket, &c.

Among the objects in view is to provide an extremely simple, inexpensive, and efficient device of the character described whereby the adjacent edges of a garment may be quickly secured together and the parts of the fastener prevented from becoming accidentally separated or detached, but which parts may be quickly separated when it is desired to unfasten the garment.

The invention consists in the novel construction, arrangement, and combination of parts, as hereinafter fully described, illustrated in the drawing, and pointed out in the appended claims.

In the drawing, Figure 1 is a plan view showing a pair of corset-stays provided with my fastening device, the said stays being shown separated. Fig. 2 is a similar view showing the parts of the fastening device as secured together. Fig. 3 is a sectional view on the line 3 3 of Fig. 2. Fig. 4 is a plan view of a modified form of the fastening device. Fig. 5 is a central longitudinal section of Fig. 4. Fig. 6 is a plan view of a further modified form of the eye member of the device. Fig. 7 is a perspective view, on an enlarged scale, of the eye member of the device seen in Fig. 1, showing more clearly how the upper leaf 2 is bent down to form guides for the head of the stud on the stud member.

My fastening device comprises two sections or members, one an eye portion and the other a stud portion adapted to engage with the said eye portion.

Referring particularly to Figs. 1 and 2 of the drawings, where, for example, I have shown my device applied to a pair of corset-stays, 1 indicates one section or member of the device, the same being doubled upon itself, so as to provide an upper leaf or portion 2 and a lower leaf 3, the two being slightly separated. The member 1 is constructed of spring metal, so that the upper leaf or portion 2 will be yielding or resilient for a purpose presently apparent. The portions 2 and 3 are each provided with a key-hole-slot 4, the two slots registering with each other. 5 indicates the other section or member of the device, the same comprising a flat piece of metal to which is secured a stud having a head 7 and a shank 8. The head 7 is adapted to be passed upwardly through the enlarged portion of the slot in the portion 3 of member 1 and thence through the like portion of the slot in section 2, and then the shank 8 will be drawn into the registering narrow portions of the slots. Owing to the fact that the upper portion 2 of section 1 is resilient or springy, the same will have a tendency to maintain the stud in place and to prevent the same from easily riding out of the narrow portion of the slots, and thus becoming unfastened. I bend down the edges of the slot in the upper section of the eye member, as at 10, the bent down portions thus forming guides to cause the head 7 of the stud when being passed upwardly through the slots in the eye member to ride up on said guides to thus direct said head up onto the upper face of the upper section and then over the humps 12, presently described. Were the said bent-down portions 10 not provided, the head of the stud might have a tendency to get beneath the under surface of the upper section 2 without riding over the humps 12, and thus not effect the proper locking engagement of the parts. For the purpose of providing still greater security against accidental unfastening of the parts of the fastener I provide the portion 2 with transverse humps or ridges 12, over which the head of the stud will ride, and then engage behind said humps to hold the parts in locked relation. It will be evident that the provision of the humps renders it necesary to exert quite a little effort to cause the head of the stud to ride up over the humps in the act of unfastening the device.

In practice the sections 2 and 5 are to be secured in any suitable manner to the garment, and in the application thereof to a corset the section 1 is to be riveted or similarly secured to one of the stays, while the stud is to be secured to the other stay, all as shown. With the construction seen in Figs. 1, 2, and 3 the section 1 will be secured at that edge opposite to where the section is doubled over.

In Figs. 4 and 5 I show an eye-section 15, which is identical in construction with that

seen in Figs. 1, 2, and 3, with the exception that by reason of the section being secured at its doubled end to the garment the slots 16 are necessarily reversed in position.

In Fig. 6 I show a slightly-modified construction of the eye member seen in Figs 1 to 5, the modification consisting in the provision of humps 29, which extend from the edges of the keyhole-slot 28 only partially across the width of the eye member 27 instead of entirely to the edges of said eye member, as in the first-named figures of drawings, and the humps 29 serve the same purpose as the humps seen in Figs. 1 to 5.

What I claim, and desire to secure by Letters Patent, is—

1. A fastening device comprising an eye member made from a single piece of spring metal doubled upon itself to provide an upper and a lower portion, the upper portion being resilient or springy and adapted for movement toward and from the lower portion, and each portion being provided with a keyhole-slot which slots register with each other, and the upper portion being provided with humps at opposite sides of the slot therein, and a stud member having a stud, the head of which is adapted to pass upwardly through the enlarged portion of the slot in the lower portion of the eye member and then through the registering enlarged portion of the slot in the upper portion and then to ride over the said humps and lie behind the latter.

2. A fastening device comprising a section or member having upper and lower portions which overlap, the upper portion being resilient and provided with a keyhole-slot and the lower portion also having a keyhole-slot, the two slots registering with each other and a second section provided with a stud adapted to engage within the slots of the sections, the said upper portion being bent downwardly upon each side of the slot therein to form guides to direct the head of the stud upwardly over the upper face of the upper portion as and for the purpose set forth.

3. A fastening device comprising a section having upper and lower portions, said portions being constructed from a strip of spring metal bent back upon itself so that the upper and lower portions overlap, the said upper and lower portions having registering slots, and a second section having a stud adapted to engage within said slots, the upper portion being bent downwardly upon each side of the slot therein to form guides to direct the head of the stud upwardly over the upper face of the upper portion as and for the purpose set forth.

4. A fastening device comprising a section having upper and lower overlapping portions, the upper portion being resilient and provided with a slot and the lower portion also having a slot, humps formed in the upper portion at opposite sides of the slot therein, and a second section having a stud adapted to engage within said slots, the upper portion being bent downwardly upon each side of the slot therein to form guides to direct the head of the stud upwardly over the upper face of the upper portion as and for the purpose specified.

5. A fastening device comprising a section having upper and lower portions provided with registering slots, the upper portion being bent down upon each side of the slot therein to form guides 10, and a second section having a headed stud adapted to engage within the slots, the said stud being adapted to pass upwardly through the slot in the lower portion of the eye member and be then directed by said guides upwardly through the slot in the upper portion of the eye member so that the head of the stud will lie upon the upper face of said upper portion as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

MARIE L. MARTINEZ.

Witnesses:
E. M. FINCH,
GEO. R. MARBLE.