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1,591,732

F. M. ATCHLEY

SPECTACLE CLASP

Filed Oct. 20, 1924

Fig. 1.

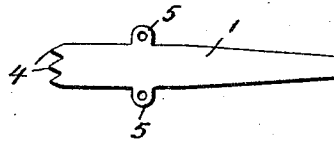


Fig. 2.

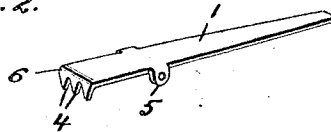


Fig. 3.

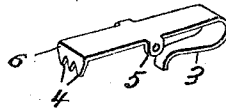


Fig. 4.

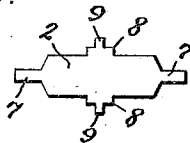


Fig. 5.

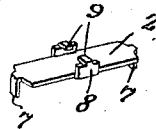
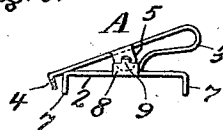


Fig. 6.



WITNESS:

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SPECTACLE CLASP.

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This invention relates to a safety clasp, the general object of the invention being to provide a clasp of this nature which can be manufactured to sell at low cost and which will effectually hold an object gripped by it.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claims.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a view of the blank for forming one of the members of the clasp.

Figures 2 and 3 are views showing how this blank is shaped to form the member.

Figure 4 is a view of the blank from which the other member is formed.

Figure 5 is a view showing how the parts of this blank are bent to form the member.

Figure 6 is a side view of the complete clasp.

As shown in these views, the clasp A shown in Figure 6 is formed of a pair of members 1 and 2 which are pivotally connected together and which are normally held in closed position by the spring 3. The member 1 is formed from a blank, such as shown in Figure 1, which is of tapered shape and which is formed with teeth 4 at its wide front end and with a perforated ear 5 on each side adjacent its large end. The ears are bent downwardly, as shown in Figure 2, and the front end is bent at right angles to provide a jaw 6 which carries the teeth 4 and then the small end is looped upon itself and curved outwardly to form the spring 3. The member 2 is formed from a blank shaped as shown in Figure 4 and is provided with the tabs 7, at its ends and the ears 8 at its sides, the ears being centrally arranged and provided with the reduced extremities 9. The tabs are bent downwardly, as shown in Figure 5, and the ears upwardly with the extremities bent to extend parallel with the body of the blank and these extremities form pivots for the member 1 and pass through

the perforations in the ears 5 of said member. The curved end of the spring 3 engages the top of the member 2 and forces the rear end of the member 1 upwardly and its jaw carrying part downwardly, as shown in Figure 6. Thus a spring clasp is provided from two pieces of material and the jaw 6 and member 1 and the front part of member 2 will act to hold an object between them due to the action of the spring 3. While the device is mainly designed to hold objects in a pocket so that they cannot drop from the pocket it will of course be understood that the clasp can be used in any manner desired. To open the device it is simply necessary to press upon the small end of the member 1 to compress the spring 3 as the member is rocked on its pivots. As soon as the device is released the spring will cause the jaw to move back upon the member 2 to closed position.

When the device is used for holding spectacles, the jaw will be used to hold the device in the pocket and the tabs 7 are used to hold the spectacles.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

What I claim is:—

A device of the class described comprising two members, one member having a rear extension of spring metal which is looped upon itself to form a spring, a pair of perforated ears on the sides of the member extending downwardly and a toothed front end which is also bent downwardly, the other member having downwardly bent ends for forming holding tabs, centrally arranged ears at its sides which have reduced portions at their ends, said ears being bent upwardly with the reduced portions bent toward each other and passed through the perforations in the ears of the other member to pivotally connect the two members together with the spring engaging the second member.

In testimony whereof I affix my signature.
FRANK M. ATCHLEY.