Jan. 26, 1926. 1,570,883

M. FOLKMAN

SAFETY CATCH FOR BADGES

Filed Jun 18, 1925

Fig. 1.

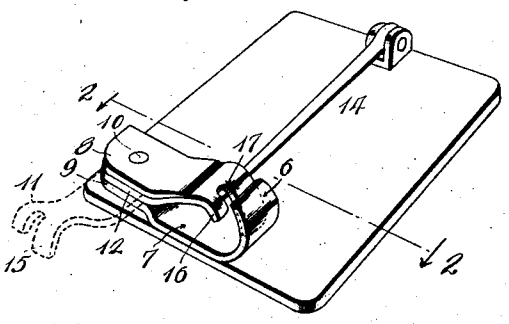


Fig. 2.

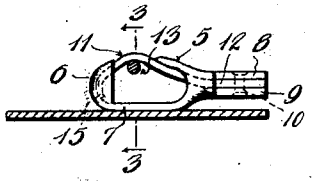


Fig. 3.

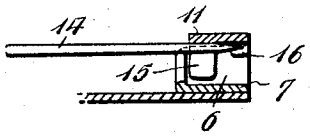
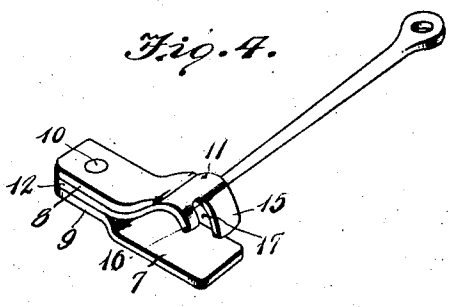


Fig. 4.



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UNITED STATES PATENT OFFICE.

MORRIS FOLKMAN, OF CLEVELAND, OHIO, ASSIGNOR TO THE MORRIS FOLKMAN-SHIFFER COMPANY, OF CLEVELAND, OHIO.

SAFETY CATCH FOR BADGES.

Application filed June 18, 1925. Serial No. 38,017.

To all whom it may concern:

Be it known that I, MORRIS FOLKMAN, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Safety Catches for Badges, of which the following is a specification.

This invention relates to improvements in safety catches for badges, the primary object being to provide a device which will prevent loss of badges or the like from wearing apparel, and shield the sharpened or pointed end of the usual attaching pin.

Another object is to generally simplify the construction of safety catches and materially reduce the cost of manufacture.

A further object is to provide a safety catch which may be easily manipulated and secured against accidental movement.

In the accompanying drawings forming a part of this application:

Figure 1 is a detail perspective view showing the preferred form of safety catch;

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

Figure 3 is a sectional view taken substantially on the line 3—3 of Figure 2; and

Figure 4 is a detail view of a slightly modified structure.

Similar characters of reference designate similar parts throughout.

This safety catch is readily attachable to any preferred type of badge, fraternity pin, or the like, and comprises a pair of spaced inner and outer yieldable jaws 5 and 6 which are formed from a single piece of metal as shown in Figures 1 and 2. Obviously any preferred material may be employed in this construction. The jaws are curved upwardly from a base or attaching portion 7 and toward each other, having their extremities spaced apart slightly as shown. These jaws are yieldable, the degree of yieldability or resiliency increasing toward the free edges. The extreme rear end portions 8 and 9 of the base member 7 and the inner jaw 5 are spaced apart to form ears and are provided with alined openings through which a pin 10 is extended for the purpose of pivotally mounting a keeper or pin guard 11. As shown in Figure 2 a neck or the like 5′ interconnects the base bar 7 and the jaws 5.

This keeper 11 comprises a relatively flat arm 12 whose inner end is fixed between the ears 8 and 9 and whose outer end is curved upwardly to conform with the curvature of the inner jaw 5 and at a point beyond this jaw 5 is arched to form a pocket 13 within which the pointed end of an attaching pin 14 is arrangeable. The outer end 15 of the keeper is curved downwardly and is snugly receivable in the cup-like resilient jaw 6.

As indicated in Figure 1, this keeper is adapted to be swung or moved on the pivot 10 and in order to facilitate such movement I provide a relatively short finger 16 on the keeper 11 and space it from the curved forward end of the keeper so as to form a notch or recess 17 in which the operator's finger nail may be inserted when desired. As shown, this notch 17 is disposed in the arched portion of the keeper.

It is obvious that the spring action of the jaws 5 and 6 which bear on the keeper 11 will resist any tendency of the keeper 11 to move from the full line position shown in Figure 1 and when removal of a badge provided with this type of catch is desired, the keeper is moved to the dotted line position indicated in Figure 1. During such movement the two jaws 5 and 6 will spring outwardly and upwardly from their normal position under pressure of the keeper and the downwardly curved forward extremity 15 of the keeper is moved inwardly a slight degree. Obviously, this spring or resilient action is due to the central positioning of the pivot and with respect to the edges of said jaws.

In a modified form which is designed to permit use of the catch on badges in which the attaching pin swings in a plane parallel with the badge body, the outer jaw 6 is eliminated as shown in Figure 4. The remaining elements are relatively arranged and individually constructed in the same manner as in the preferred form.

I claim:—

1. A safety catch for a badge having a pivoted attaching pin including, a base plate, a pair of inwardly curved resilient jaws carried by the plate, and a pivoted keeper movable to a position beneath and between said jaws.

2. A safety catch for a badge having a pivoted attaching pin including, a base plate, a pair of inwardly curved resilient jaws carried by the plate, a pivoted keeper movable to a position beneath and between said jaws,

and a yieldable portion on the keeper engageable with the inner face of one jaw.

3. A safety catch for a badge having a pivoted attaching pin including, a base plate, a pair of ears at one end of the base plate, a pair of inwardly curved resilient jaws formed upon the base plate, and a keeper pivoted between said ears and having an arched portion movable to a position between the extremities of said jaws.

4. A safety catch for a badge having a pivoted attaching pin including, a base plate, a pair of ears at one end of the base plate, a pair of inwardly curved resilient jaws formed upon the base plate, a keeper pivoted between said ears and having an arched portion movable to a position between the extremities of said jaws. and a resilient finger-like portion engageable with the inner face of one jaw.

5. A safety catch for a badge having a pivoted attaching pin including, a base plate, an inwardly upwardly curved yieldable jaw at one end of said base plate, a pair of spaced ears at the other end of said base, a second yieldable jaw arranged between the first jaw and said ears, a keeper having one end pivoted between said ears, and an arched portion movable to a position between said jaws.

6. A safety catch for a badge having a pivoted attaching pin including, a base plate, an inwardly upwardly curved yieldable jaw at one end of said base plate, a pair of spaced ears at the other end of said base, a second yieldable jaw arranged between the first jaw and said ears, a keeper having one end pivoted between said ears. and an arched portion movable to a position between said jaws, said jaws being yieldably engageable with portions of said keeper when in operative position.

7. A safety catch for a badge having a pivoted attaching pin including, a base plate, an inwardly upwardly curved jaw at one end, a pair of spaced ears at the other end of said plate, a curved yieldable jaw carried by the base plate between said ears and the first jaw, a keeper pivoted between the ears and having an arched portion movable to a position between said jaws, an operating finger carried by the arched portion, and a yieldable portion on said keeper engageable with the inner face of one jaw.

In testimony whereof, I affix my signature.

MORRIS FOLKMAN.