

G. H. TILFORD,
 SAFETY CATCH.
 APPLICATION FILED NOV. 18, 1916.

1,274,630.

Patented Aug. 6, 1918.

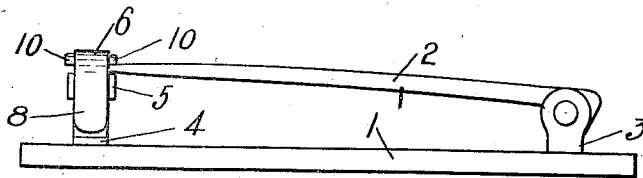


Fig. 1.

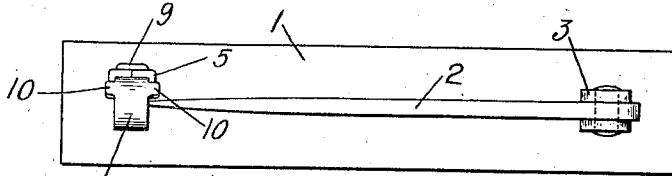


Fig. 2.

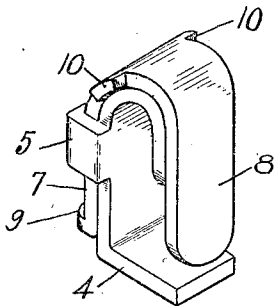


Fig. 3.

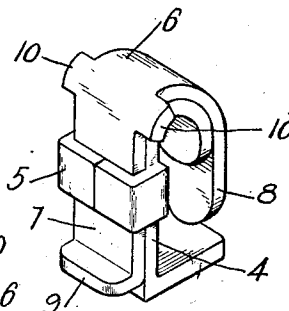


Fig. 5.

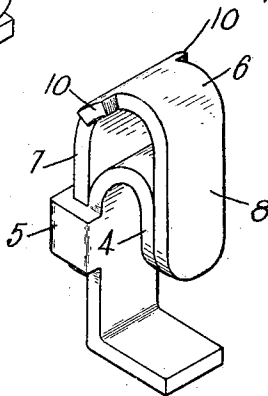


Fig. 4.

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SAFETY-CATCH.

1,274,630.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, GEORGE H. TILFORD, of Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Safety-Catches; and I do hereby declare the following specification, taken in connection with the accompanying drawings, forming a part of the same, to be a full, clear, and exact description thereof.

The invention relates to an improved safety-catch adapted for use in bar-pins and the like and has for its object to produce a safety-catch which is simple in construction and efficient in operation.

To these ends the invention consists of the novel construction and arrangement of parts hereinafter described and more particularly set forth in the claims. In describing the invention in detail reference will be had to the accompanying drawings, in which—

Figure 1 is a side view of a bar-pin provided with my novel form of safety-catch.

Fig. 2 is a top plan view of the same.

Fig. 3 is a side view in perspective of the safety catch on an enlarged scale and in closed position.

Fig. 4 is a similar view of the safety-catch in open position.

Fig. 5 is a rear perspective view.

Referring to the drawings, 1 represents the body of the bar-pin, 2 the pin-tongue, and 3 the hinge-member, all of which are of the usual well-known construction.

The catch-member 4 has a body-portion of the usual construction, but in addition is provided upon the back with a loop-member 5 formed by bending back a projecting portion on each side of the body-portion of the catch. Mounted upon and in sliding engagement with the catch-member 4 is an inverted U-shaped guard-member 6, one leg 7 of which passes through the loop-member 5 and the other leg 8 of which is arranged and adapted to close the opening in the catch-member when the guard-member is in its lower or closed position, as shown in Fig. 3. The free end 9 of the leg 7 is bent back at a right angle to prevent disengagement of the guard-member from the catch-member. The guard-member is preferably provided with two lateral projections or finger-pieces 10, for use in operating the device.

The operation of the guard will be readily understood, and it will be seen that when it is in its raised position, as shown in Fig. 4, the pin-tongue will be free to enter the opening in the catch and that when the guard is moved downward to its lower position, the leg 8 will move across the opening in the catch, thereby closing the opening and locking the pin-tongue in engagement with the catch. It will also be seen that the guard can be quickly moved to its closed position by simply pressing the bar-pin against the clothing of the wearer.

What I claim as my invention and desire to secure by Letters Patent is:

1. An article of the character described, comprising a body-portion, a catch-member and a guard-member mounted to slide longitudinally thereon and transversely to said body-portion.

2. An article of the character described, comprising a catch-member provided with a loop-member and a U-shaped guard-member mounted to slide on said loop-member.

3. An article of the character described, comprising a catch-member provided with a loop member and a U-shaped guard-member having one of its legs mounted to slide in said loop-member and the other leg arranged to slide upon the front of the catch-member and open and close the same.

4. An article of the character described, comprising a catch-member provided upon the back with a loop-member, and a U-shaped guard-member having one of its legs mounted to slide in said loop-member and the other leg arranged to slide longitudinally upon the front of said catch-member, and means for operating said guard-member.

5. In a bar-pin, the combination with a flat body-portion of a hinge-member, a pin-tongue, a catch-member and a guard-member mounted to slide longitudinally upon the exterior of said catch-member and provided with means for operating said guard-member.

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Witnesses:

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