

1,075,931.

L. MYERS.
SAFETY HAT PIN.
APPLICATION FILED JAN. 20, 1912.

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Fig. 1.

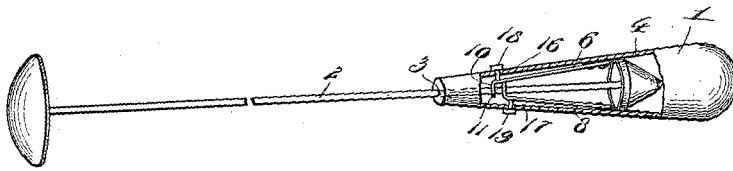


Fig. 2.

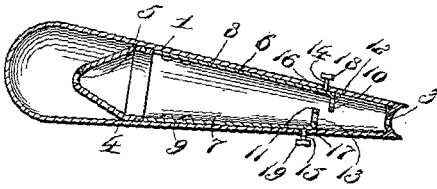


Fig. 3.

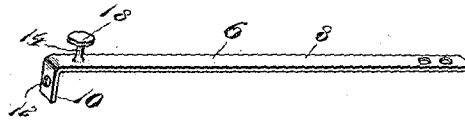
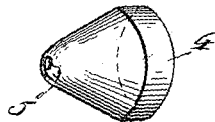


Fig. 4.



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SAFETY HAT-PIN.

1,075,931.

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To all whom it may concern:

Be it known that I, LULU MYERS, a citizen of the United States, residing at Bailey, in the county of Park and State of Colorado, have invented new and useful Improvements in Safety Hat-Pins, of which the following is a specification.

The present invention relates to certain novel improvements in hat pin guards.

10 In carrying out my invention it is my purpose to provide a guard or shield for the projecting ends of hat pins, the same being so constructed as to be readily and quickly positioned upon the pointed ends of pins
15 and to be sustained thereon without danger of accidental removal.

I also aim to provide in a device of this character, an ornamental design of pin protectors which is simple in construction,
20 which is thoroughly reliable and which may be constructed at a minimum cost.

With the above objects and others of a similar nature in view the improvement resides in the construction, combination and
25 arrangement of parts set forth in and falling within the scope of the appended claims.

In the drawings, Figure 1 is perspective view of a hat pin protector constructed in accordance with the present invention, the
30 pin being in position within the protector and a portion of the protector being broken away to illustrate the manner in which the pin is retained. Fig. 2 is a central longitudinal sectional view, the pin being re-
35 moved. Fig. 3 is a view of the retaining spring members. Fig. 4 is a similar view of the guide member.

As is well known the projecting points of ladies' hat pins are a source of annoyance
40 and danger when the same are worn in crowded thoroughfares. The said projecting points are dangerous even when the hat is removed from the head of the wearer, as for instance in lobbies, theaters or the like,
45 and it is the primary object of the present invention to produce a simple device which will effectively overcome the above recited objections.

Referring to the device as illustrated in the drawings, the numeral 1 designates a
50 casing for the improved pin protector and 2 the pin which is adapted to have its point inserted within the protector. The casing may be of any desired ornamental design
55 and preferably comprises a hollow substantially cone-shaped member. Both the re-

duced, as well as the enlarged end of the casing are closed, but the reduced closed portion is preferably flared inwardly and is provided with a central opening 3. Ar-
60 ranged within the casing and adjacent the rear and enlarged portion is a substantially cup-shaped member 4, the latter being also centrally provided with an opening 5 which is arranged in a plane parallel to that of the
65 opening 3.

The numerals 6 and 7 designate the pin engaging members. These members each comprise elongated spring arms 8 and 9, the said arms being formed with offset or an-
70 gular portions 10 and 11, the member 10 overlying the member 11. The spring arms 8 and 9 have their opposite extremities secured within the casing 1 in any desired or preferred manner and the arms as well as
75 their offsets are positioned at diametrically opposite points within the said casing 1. The offset portions 10 and 11 are each provided with an opening designated re-
80 spectively by the numerals 12 and 13, and the offsets or shorter arms of the members 6 and 7 at their juncture with the arms 8 and 9 are provided with out-
wardly extending pins 14 and 15 which pass
85 through openings 16 and 17 provided upon the opposite faces of the casing 1. The extremities of these pins are formed with suitable heads 18 and 19, whereby the arms 6 and 7 may be forced together so as to have
90 their openings 12 and 13 registering and to be brought directly in a plane parallel or registering with the openings 3 and 8. It is to be understood that the spring arms 8 and 9 exert a desired pressure, that is the
95 said arms normally tend to force their offsets 10 and 11 away from each other so that the openings provided in the said offsets are out of register. It will be readily noted that when the pin is inserted within the
100 opening 2 and permitted to pass through the openings 12 and 13 when the pins have been operated to bring the said openings into register and the pin point is actuated by the cup-shaped member 4 through its
105 opening 5, and the pressure is relieved from the openings 16 and 17 the arms or offset 10 and 11 will be forced away from each other, so that the walls of the openings provided by the said offsets will engage with and se-
110 cure the pin 2 within the protector 1.

It will be noted that the offset 11 will contact with the spring arms 8 when the

members are forced together thus providing for the proper register of the openings.

Having thus described the invention what I claim is:—

- 5 1. In a hat pin protector, the combination with a casing having a restricted opening in one end thereof, of a pair of gripping members secured at diametrically opposite points within said casing and having angularly apertured end portions, and an integral stud on each member projecting through said casing for moving the apertures of said angular portions into registry.
- 10 2. In a hat pin protector, the combination with a casing having an opening in one end thereof, of a pair of L-shaped gripping members arranged within said casing and having the long arms thereof secured at their extremities to the opposite sides of the casing, and having their short arms superimposed and each provided with an aperture, a cup shaped member arranged within said casing and above said members and provided with a central opening in aline-

ment with the opening in said casing, and an integrally formed stud on each member adjacent said short arms projecting through openings in said casing and adapted to move the apertures in said short arms into registry as described.

30 3. In a hat pin fastener, the combination with a casing having an opening in one end thereof, of a relatively long and short L-shaped gripping member arranged within and secured to the opposite sides of said casing, the short arm of said members being apertured and disposed in superimposed relation, means for moving the said members toward each other, and one of said short arms being adapted to contact the opposite gripping member to provide proper registry of the apertures of said short arms.

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

LULU MYERS.

Witnesses:

J. C. BARTON,
MARY KINNEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."