

G. FOSTER.
HAT PIN GUARD.
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1,208,939.

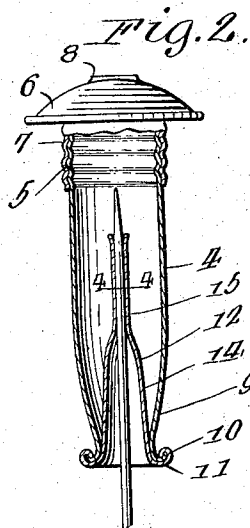
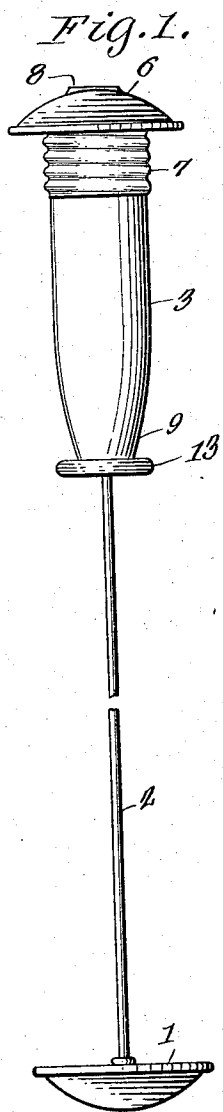


Fig. 3.

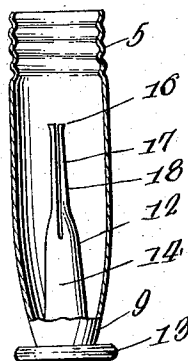


Fig. 4.



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HAT-PIN GUARD.

1,208,939.

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To all whom it may concern:

Be it known that I, GEORGE FOSTER, a citizen of the United States, residing at South Haven, in the county of Van Buren and State of Michigan, have invented certain new and useful Improvements in Hat-Pin Guards, of which the following is a specification.

My invention relates to hat pins and more particularly to a hat pin guard.

The primary object of my invention resides in the provision of an improved guard for association with the points of hat pins for covering the projecting pointed end of a hat pin when it has been applied to a hat, thus overcoming the possibility of persons being injured, the guard itself being peculiarly formed and constructed so that it is pleasing to the eye when in use.

Another object of my invention resides in the provision of an improved conical guiding and retaining means for the guard, said means being rigidly associated with the body of the guard.

A still further object of my invention resides in the provision of a device of the character described that is simple in construction, efficient in operation and one that can be manufactured and placed on the market at a minimum cost.

Other objects as well as the nature, characteristic features and scope of my invention will be more readily understood from the following description taken in connection with the accompanying drawings and pointed out in the claim forming a part of this specification.

In the drawings: Figure 1 is a side elevational view of my invention positioned on a hat pin; Fig. 2 is a longitudinal central sectional view of the invention associated with the shank of a hat pin, illustrating especially the means for securing the guiding means to the tubular casing; Fig. 3 is a longitudinal sectional view of the upper end of the casing showing the guiding and retaining means in elevation to illustrate the spring arms of the retaining means; and Fig. 4 is a transverse sectional view taken on the line 4-4 of Fig. 2.

Referring more particularly to the drawings in which similar reference numerals designate like or corresponding parts throughout the different views, I provide a hat pin including a head 1 and a shank 2

extending therefrom having the outer end pointed, said end being engageable by my improved point guard or protector 3.

My improved guard in this instance consists essentially of a cylindrical casing 4, the upper end of which is corrugated to provide screw threads 5, said end being closed through the medium of a cap 6 having a corrugated collar 7 depending from the under surface thereof to facilitate the connection with the threads 5. The cap 6 is preferably similar in construction to the head 1 and has a central raised portion 8 thereon, on which the initials of the wearer may be engraved to make the device pleasing to the eye.

The opposite end of the casing is tapered as indicated by the numeral 9, the extreme edges of the tapered end being bent outwardly to provide a flange 10, which flange is arranged adjacent the flange 11 on the conical guiding and supporting means generally designated by the numeral 12, both the flanges 10 and 11 being rolled upon themselves to provide an annular rib thereby forming a substantially rigid connection between the guiding and retaining means and the casing. The guiding and retaining means in this instance consists essentially of a conical element 14 arranged centrally within the casing 4 and secured at its outer edge to the rod 13 as previously described. The apex of the element 12 is elongated as shown at 15, the extreme terminal of which is flared outwardly as indicated by the numeral 16. The tubular apex is slit longitudinally as at 17 inwardly and longitudinally from its outer end to provide spring pin retaining arms 18 for facilitating frictional engagement between the tubular apex, which incidentally is slightly less in diameter than the ordinary pin shank, and the pointed end of the pin shank as illustrated to advantage in Fig. 2 of the drawings.

The operation of my invention is as follows: After the hat pin has been applied to a hat in the usual manner, the guard 3 is engaged and arranged about the pointed projecting end of a pin shank 2 so that the guard will be guided by the conical guide 14, the point entering the tubular extension and passing therethrough. Because of the fact that the diameter of the tubular extension is less than the diameter of the

usual pin shank, frictional engagement provided through the medium of the spring arms 18, maintains the guard in position on the pin and prevents accidental displacement thereby overcoming the possibility of accidents caused by the projecting pointed end of a hat pin.

Although I have shown and described the preferred embodiment of my invention, I desire to be understood that I am not to be limited to the exact details shown, however, great stress is laid upon the arrangement of the conical guiding and retaining means arranged within the casing. Attention is also directed to the cap which is removable, thus permitting of various design caps being associated with the casing when desired.

From the above description taken in connection with the accompanying drawings, it can easily be seen that I have provided a device that is simple in construction, containing but a few simple parts that can be cheaply manufactured and assembled and when assembled can be placed upon the market and sold at a minimum cost.

It will be understood that the above description and accompanying drawings comprehend only the preferred embodiment of my invention and that various minor

changes in detail of construction, proportion and arrangement of the parts may be made within the scope of the appended claim and without sacrificing any of the advantages of my invention.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

A hat pin guard including a cylindrical casing, a cap removably mounted on one end of the casing, a conical guide member having an elongated tubular apex and arranged in the opposite end of the casing, the base of the guide member and the free end of the casing being rolled upon themselves to provide a rigid connection therebetween, and oppositely arranged spring arms provided by slitting the guide member throughout the length of the apex and adapted to frictionally engage and retain the pin point within the casing subsequent to the insertion of the pin into and through the guide member.

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

GEORGE FOSTER.

Witnesses:

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N. THOMPSON.

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