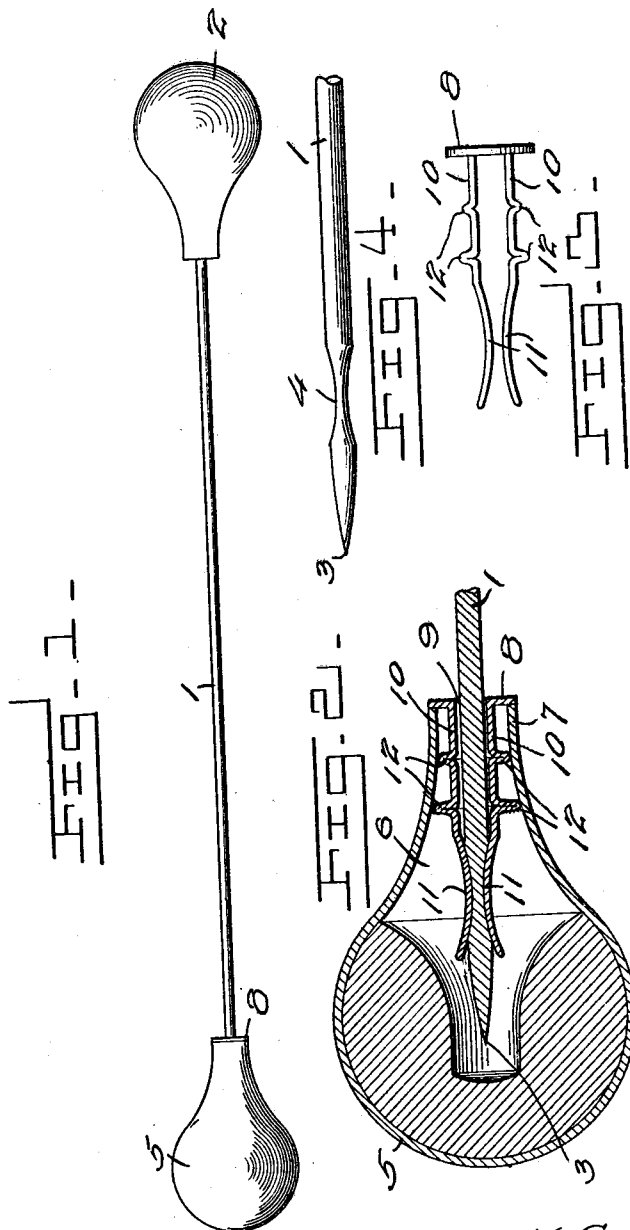


K. G. DIEFFENBACHER.
HAT PIN GUARD.
APPLICATION FILED MAY 12, 1911.

Patented Aug. 13, 1912.

1,035,694.



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UNITED STATES PATENT OFFICE.

KARL G. DIEFFENBACHER, OF MASSILLON, OHIO.

HAT-PIN GUARD.

1,035,694.

Specification of Letters Patent.

Patented Aug. 13, 1912.

Application filed May 12, 1911. Serial No. 626,775.

To all whom it may concern:

Be it known that I, KARL G. DIEFFENBACHER, a citizen of the United States, residing at Massillon, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Hat-Pin Guards, of which the following is a specification.

My invention relates to improvements in hat pin guards and has for its leading object the provision of an improved form of ornamental guard which may be readily secured on the point of a hat pin and which will serve to prevent accidental withdrawal of the pin from the hat and thus the loss of the pin, and will also serve to protect the point of the pin and prevent the same from striking and injuring persons adjacent the wearer in a crowd.

A further object of my invention is the provision of an improved hat pin having its point so formed that it may be readily passed through the hat and also be securely engaged by my improved guard, which guard will be so engaged on the point of the pin as to lock the pin in the hat while being out of engagement with the entering point of the pin and protecting said point from either injuring others or becoming accidentally bent or blunted.

Other objects and advantages of my improved hat pin guard will be readily apparent by reference to the following description taken in connection with the accompanying drawings, and it will be understood that I may make any modifications in the specific structure shown and described within the scope of my claim without departing from or exceeding the spirit of the invention.

Figure 1 represents a side elevation of a hat pin provided with my improved guard. Fig. 2 represents a longitudinal sectional view of the guard and a portion of the end of the pin. Fig. 3 represents a detailed view of the pin engaging spring removed. Fig. 4 represents a view of the point of the hat pin.

In the drawings, the numeral 1 designates the shank of the hat pin having on one end the ornamental head 2 and having the

other end formed with the usual entering point 3. Said pin is formed on opposite sides with the concaved recesses 4, while fitting upon the end of the pin and extending inward over the said recesses 4 is my ornamented guard member casing 5, said casing having a central bore or passage 6 into which the pin fits. Forming a closure for the reduced end or neck 7 of the casing is the plate 8 which has a central aperture 9 to permit of the introduction of the pin into the passage 6 within the casing. Said plate 8 has the inwardly extending integral arms 10 provided with the concaved convex resilient portions 11 adapted to fit into the recesses 4 at the end of the pin, said members thus serving to lock the end of the pin within the casing as is most clearly shown in Fig. 2.

To add to the resiliency of the arms 10 and to prevent undue outward bending thereof, I form said arms with the outwardly extending crimps or lugs 12 adapted to bear against the inner face of the neck 7 when the pin is inserted to limit the outward movement of the outer portion of the arms 10 and cause the curved portions 11 of the arms to be more tightly sprung against the pin to more firmly retain the pin within the guard.

From the foregoing description it will be seen that I have provided a simple and efficient hat pin guard which may be readily placed on the point of the pin and which will both protect the point and prevent the loss of the hat pin, the engaging member of the guard and recess of the pin being so disposed that the guard will be locked upon the end of the pin before the point of the pin has reached the end of the passage, whereby the point of the pin will be prevented from striking against or being dulled or blunted by the casing at the end of the passage.

I claim:

The combination with a hat pin having concaved recesses formed in opposite faces near its point, of an ornamental casing fitting over the point of the pin, a plate secured to and forming a closure for the end of the casing, said plate having an aperture formed

therein through which the pin passes, inwardly curving spring arms formed on the plate and extending into the casing for engagement in the recesses of the pin, and outwardly projecting lugs formed on said arms for engaging the inner face of the casing to limit the outward movement of the arms.

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

KARL G. DIEFFENBACHER.

Witnesses:

WILLIAM J. DIEFFENBACHER,

TOBIAS SCHOTT.

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