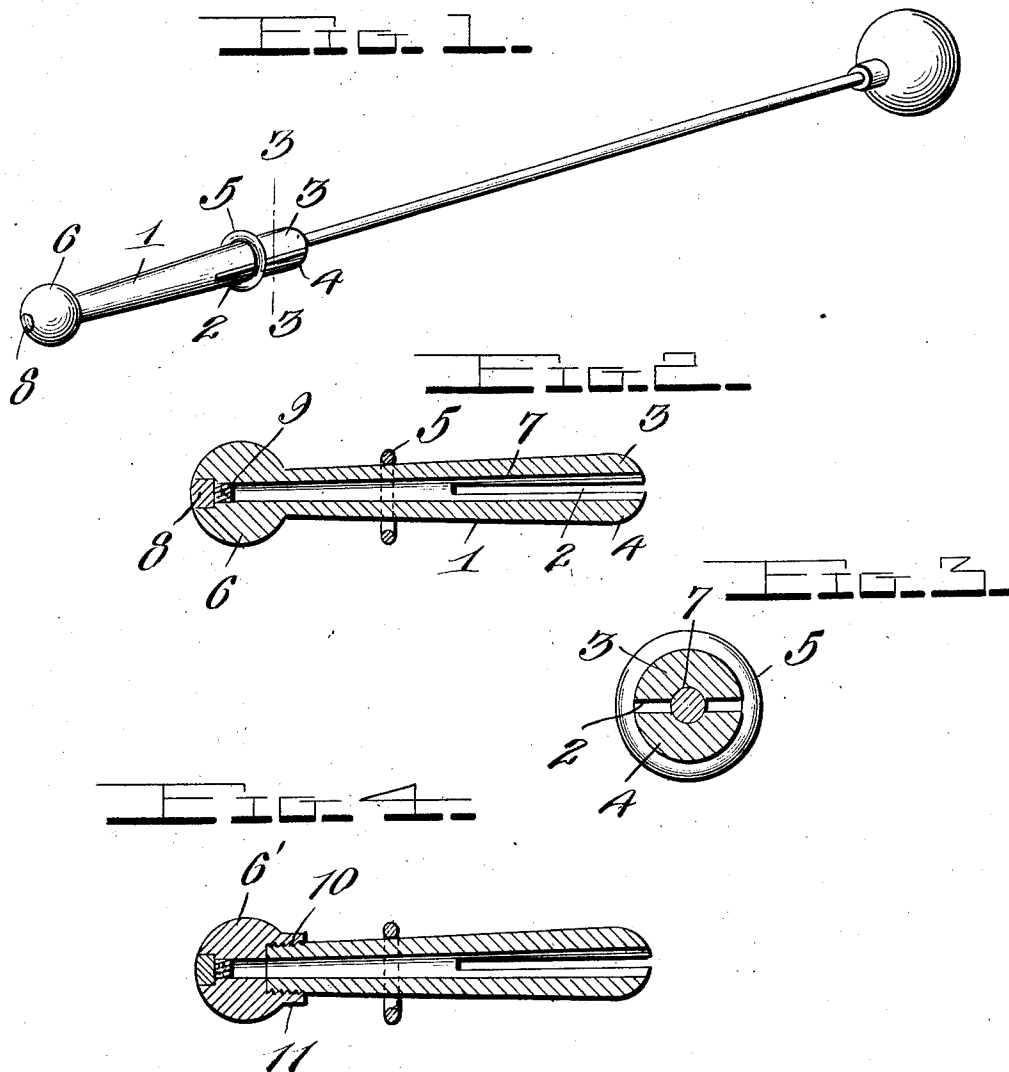


C. D. REEVES.
HAT PIN GUARD.
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1,002,542.

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Inventor

Charles D. Reeves,

Witnesses

Chas. L. Griesbauer.

N. L. M. Quay.

By Watson E. Coleman,

Attorney

UNITED STATES PATENT OFFICE.

CHARLES D. REEVES, OF SCHENECTADY, NEW YORK.

HAT-PIN GUARD.

1,002,542.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES D. REEVES, a citizen of the United States, residing at Schenectady, in the county of Schenectady and State of New York, have invented certain new and useful Improvements in Hat-Pin Guards, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to new and useful improvements in hatpin guards, and my object is to provide a simple device which may be easily and quickly applied to the point of a hatpin to prevent the wearer from injuring persons nearby.

A further object is to provide a device which is composed of few parts, but which parts are extremely effective in accomplishing the purpose for which they are devised.

It is a further object of the invention to provide a device which shall act not alone as a guard, but also as a securing device to prevent the withdrawal of the pin from the head while the same is positioned effectively.

With these and other objects in view my invention consists in the novel features of construction, combination and arrangement of parts as will be hereinafter referred to and more particularly pointed out in the specification and claim.

Referring to the drawings forming a part of this application, Figure 1 is a perspective view of the guard applied to the point of a hatpin; Fig. 2 is a longitudinal section through the device; Fig. 3 is a transverse section through the device showing the jaws in locked engagement with a portion of the pin; and Fig. 4 is a longitudinal section of a slight modification of the invention.

In carrying out my invention I shall refer to the drawing in which similar reference characters designate corresponding parts throughout the several views, and in which—

1 designates an elongated sleeve having a portion thereof split, as at 2, to form spring locking jaws 3 and 4. The sleeve is tapered in thickness from one end to the other, that portion forming the jaws thereof being greater, and encircling said sleeve is a ring member 5 which is adapted to be drawn in engagement with the jaw members 3 and 4, and as said jaws are tapered

to a greater thickness than the diameter of the opening of said ring it will be seen that said jaws will be forced toward one another, or into effective position. The end of the sleeve, opposite that having the jaws formed thereon, is provided with a spherical member 6 formed integral with said sleeve, said spherical member having the diameter thereof greater than that of the opening in the ring, whereby said ring will be retained permanently encircled upon said sleeve. The inner walls of said sleeve are provided at diametrically opposite points with grooves 7, said grooves being arcuately designed in cross-section to conveniently receive the end of a hatpin as the same is inserted therein.

To position this device the same is merely slipped upon the end of the pin extending beyond the crown of a hat, allowing said pin to enter the longitudinal grooves, which action guards the point of said pin from injuring surrounding persons, but to insure the device from becoming lost, or otherwise removed, the ring 5 is drawn into engagement with the tapered jaws 3 and 4 and by forcing the same thereon the pin will be securely held. This spherical member is provided through the axial center thereof with a longitudinal slot substantially circular in cross-section, said slot being contiguous with the grooves of the sleeve portion, thereby receiving the point of the pin as the same is inserted therein. As this spherical member is also of metal, the point of the pin, under ordinary conditions, will become blunt when brought in contact with the inner wall of said spherical member, which acts as a closure for the sleeve, but I overcome this difficulty by inserting within the outer end of the longitudinal slot a metal plug or the like 8, the inner face of which is provided with a cork, or other cushioning means 9. As the plug containing the cushioning device is inserted in alignment with the longitudinal grooves 7, it will be seen that each time the pin is inserted within the sleeve the point thereof will engage this cushioning device, thereby preventing the same from becoming blunt.

I have above stated that the spherical member 6 is formed integral with one end of the sleeve 1, which is most preferable, but I do not wish to limit myself to that form

and may, if desired, use a removable spherical member as specifically disclosed in the modification shown in Fig. 4. In this instance, I show the spherical member 6' provided with an enlarged opening 10 and having an annular flange 11 surrounding said opening. The inner wall of said annular flange is threaded, and when I use this form of the device I prefer to externally thread the end of the sleeve 1, as disclosed, whereby said spherical member may be quickly and easily applied, and likewise quickly and easily removed. In this latter form of modification I also desire to use the plug, or insert, containing the cushioning means to receive the point of the pin as described in the other form of the device.

Throughout the country there have been recent crusades against the use of long hat-pins, and, in fact, in some of the States laws have been passed preventing the use of the same, and, with my improved device, it will be seen that the difficulties experienced through the use of such pins, and the necessity of passing laws for preventing the use of the same, will be obviated. In view of these facts, therefore, it will be seen that my device is an extremely important one, and one which will be received welcomingly, particularly in view of its simple construction, 30

inexpensiveness to manufacture, and effectiveness in operation.

I am aware of the fact that numerous devices of this kind have been patented, but to my knowledge I do not know of one, the exact construction of which is like the one hereinabove described and shown in the drawing, and the operation of which is as effective.

What I claim is:

A hat pin protector, comprising a sleeve member having one end thereof split to form spring jaws, said member being tapered greater toward its split end, a ring member encircling said sleeve and movable to close said jaws, a head at the opposite end of said sleeve having a slot therein in alinement with the opening of the sleeve, and a removable closure for the slot at the outer end of said head, said closure having a cushioning means on the inner face thereof.

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

CHARLES D. REEVES.

Witnesses:

CHARLES A. SIMON,
HENRY R. GIFFORD.

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