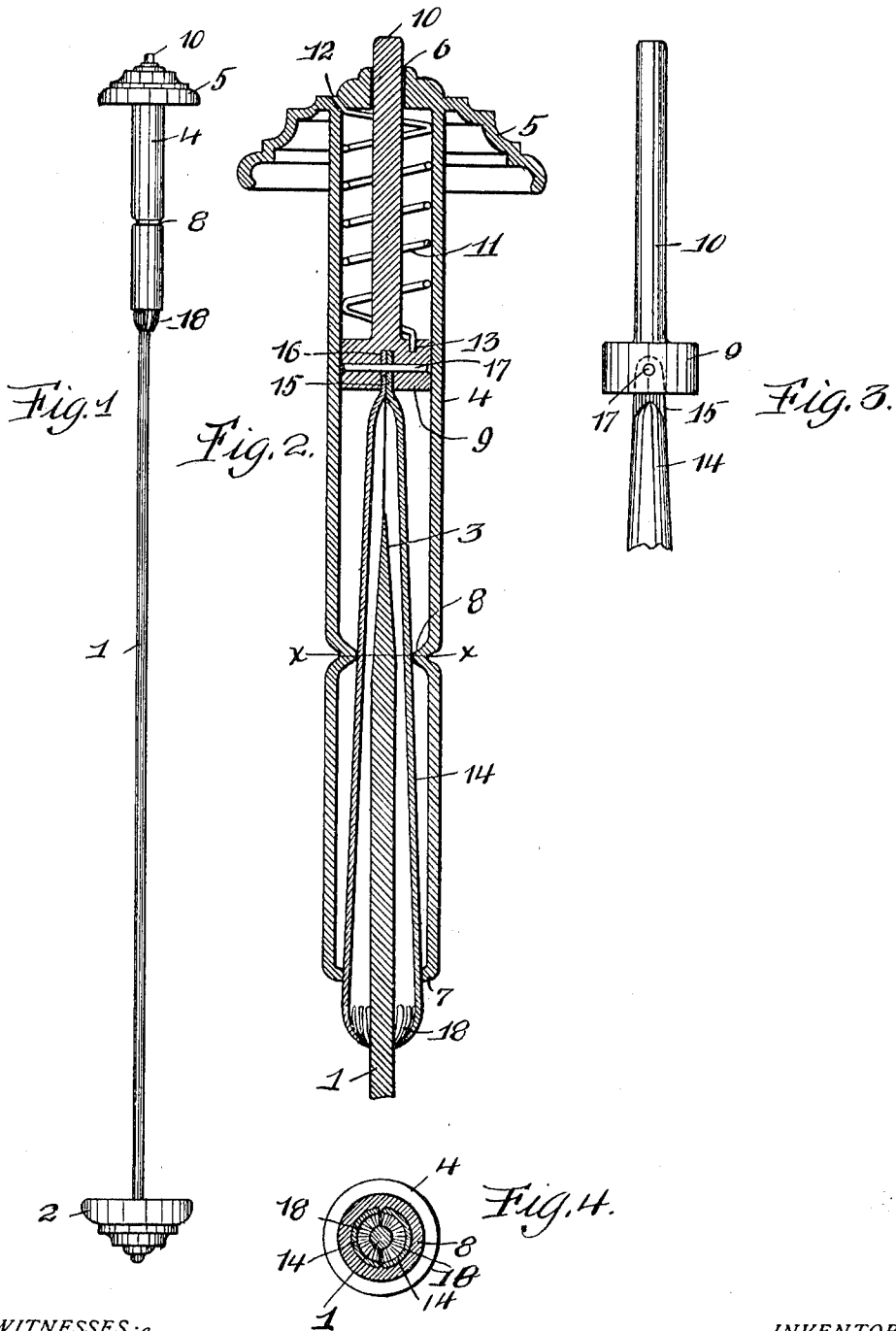


G. G. HAY.
HAT PIN POINT PROTECTOR.
APPLICATION FILED MAR. 20, 1911.

1,001,590.

Patented Aug. 22, 1911.



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GEORGE G. HAY, OF PITTSBURG, PENNSYLVANIA.

HAT-PIN-POINT PROTECTOR.

1,001,590.

Specification of Letters Patent.

Patented Aug. 22, 1911.

Application filed March 20, 1911. Serial No. 615,638.

To all whom it may concern:

Be it known that I, GEORGE G. HAY, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Hat-Pin-Point Protectors, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to hatpin point protectors, and the objects of my invention are to provide a protector that can be easily and quickly mounted upon the pointed end of a pin to prevent the exposed end of the pin from jabbing or injuring persons in the vicinity of the same, and to furnish a protector with positive and reliable means for retaining the same upon the pin.

Further objects of my invention are to provide an ornamental pin point protector that will prevent a pin from being lost or becoming accidentally displaced relatively to a hat, and to provide a protector of the above type that is simple, durable, inexpensive to manufacture and highly efficient for the purposes for which it is intended.

I attain the above objects by a mechanical construction that will be hereinafter specifically described and then claimed, and reference will now be had to the drawing, wherein like numerals of reference designate corresponding parts throughout the several views, in which:—

Figure 1 is a side elevation of a pin in accordance with this invention, Fig. 2 is an enlarged vertical sectional view of the protector, Fig. 3 is a side elevation of a portion of the protector, and Fig. 4 is a horizontal sectional view taken on the line X--X of Fig. 2.

The reference numeral 1 denotes a pin having an ornamental head 2 at one end thereof and the opposite end pointed, as at 3.

4 denotes a cylindrical shell having the outer end thereof provided with an ornamental head 5, said head having a central axial opening 6. The opposite end of the shell 4 has an annular inwardly projecting flange 7, and at a point intermediate the ends of said shell, the walls of the shell are indented to form an annular seat 8 in said shell.

9 denotes a cylindrical head having a pin 10 extending axially through the opening

6, and surrounding said pin between the heads 5 and 9 is a coiled retractile spring 11 having one end thereof secured in the head 5, as at 12 and the opposite end secured in the head 9, as at 13.

14 denotes a sectional tapering gripping member, the sections of said member having one end 15 thereof mounted in a socket 16 provided therefor in the head 9, the ends 15 being retained within the socket 16 by a transverse rivet 17 or other fastening means, the spring 11 and member 14 being positioned on opposite sides of the head 9. The free ends of the sections of the member 14 are slitted or slotted, as at 18 and bent inwardly to form gripping arms adapted to frictionally engage the pin 1 and retain the pointed end of said pin in the sectional member 14.

The tension of the spring 11 is sufficient to retain the head 9 in an inner position and the sections of the member 14 in engagement with the seat 8 and in engagement with the flange 7, thereby pressing the arms 18 into engagement with the pin 1 to retain the pin in the member 14. To release the pin 1, the pin 10 is pushed inwardly to move the head 9 inwardly to permit the sections of the member 14 to separate sufficiently to release said pin.

From the foregoing it will be observed that my device constitutes a guard for the pointed end of the pin as well as a lock, and I reserve the right to ornament the guard whereby it will harmonize with the head of the pin.

What I claim is:—

1. A hatpin point protector comprising a shell, a head movably mounted in said shell, a push pin carried by said head and normally protruding through the outer end of said shell, a sectional tapering gripping member connected to said head and having its opposite end slitted to provide fingers projecting from the shell and adapted to frictionally engage a hatpin, means surrounding the push pin and connected to said head for normally maintaining said sectional member in engagement with the hatpin, and said shell provided with means for engaging the gripping member along the length of its taper.

2. In a hatpin point protector, a shell, a head carried by the outer end of said shell and having a central axial opening formed therein, said shell having its wall indented

to provide an interior annular seat, a head movably mounted in said shell, a push pin carried by said head and projecting through said axial opening, a retractile spring surrounding said pin and having its ends connected respectively to said heads, and a sectional tapering member having one end connected to the movable head and having its free end slitted to form fingers adapted

to engage a hatpin, said seat tending to retain the fingers and hatpin in holding engagement. 10

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

GEORGE G. HAY.

Witnesses:

MAX H. SROLOVITZ,
CHRISTINA T. HOOD.

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