

1,014,838.

Patented Jan. 16, 1912.

Fig. 1.



Fig. 2.

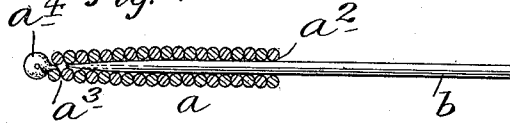


Fig. 3.

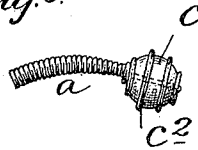


Fig. 4.

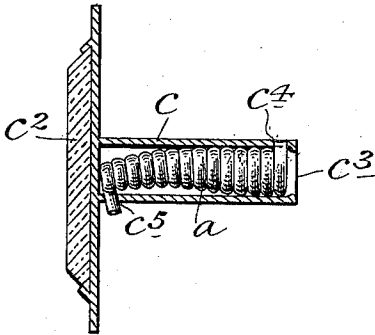
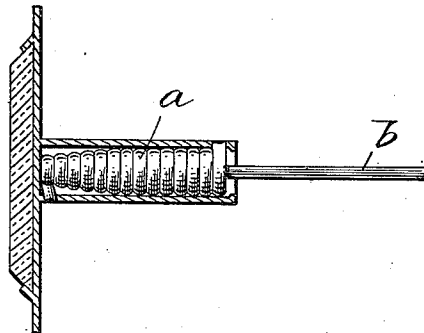


Fig. 5.



WITNESSES

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HAT-PIN GUARD.

1,014,838.

Specification of Letters Patent.

Patented Jan. 16, 1912.

Application filed February 23, 1911. Serial No. 610,178.

To all whom it may concern:

Be it known that I, RUDOLPH MEYER, a citizen of the United States, and residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Hat-Pin Guards, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to hat pins and particularly to guards for the points of pins of this class, and the object of the invention is to provide and improve a guard of this class and for this purpose which is inexpensive in construction and simple in operation and which can be conveniently used for the purpose specified; and with these and other objects in view the invention consists of a point guard for hat pins constructed as hereinafter described and claimed.

The invention is fully disclosed in the following specification of which the accompanying drawing forms a part, in which the separate parts of my invention are designated by suitable reference characters in each of the views, and in which;—

Figure 1 is a side view of the hat pin point guard made according to my invention;— Fig. 2 a longitudinal sectional view on an enlarged scale of the device as shown in Fig. 1 and also showing the method of its use;— Fig. 3 a view similar to Fig. 1 but showing a modification;— Fig. 4 a sectional view similar to Fig. 2 but showing another modification but not showing the operation; and;— Fig. 5 a view similar to Fig. 4 but showing the operation of the device.

In the practice of my invention I provide a hat pin point guard a which consists of a helically coiled device formed from elastic spring wire and which is slightly curved in its normal state as shown in Fig. 1, and the helical coil is tapered from one end to the other, or from the middle portion thereof toward one end, and the larger end thereof is open as is shown at a^2 in Fig. 2, and the smaller end thereof is closed or approximately so as shown at a^3 , and the smaller end is also preferably provided with a knob or head a^4 .

In the operation of this device a pin b is passed through a hat in the usual manner and the guard is then forced on over the pointed end of the pin as shown in Fig. 2, or the pointed end of the pin is forced into the

guard. In this operation the guard is straightened out as shown in Fig. 2 and the separate coils thereof securely grasp and hold the pointed end of the pin and the guard will remain securely attached to or connected with the pin until it is forcibly removed.

In Fig. 3 I have shown a modification in which the smaller end of the guard is provided with an ornamental stone, knob or head c held in a wire cage c^2 formed from the wire from which the guard itself is formed, or from a separate wire connected with the smaller end of the guard and the operation of this form of construction will be the same as that shown in Figs. 1 and 2.

In Fig. 4 I have shown another modification in which the helical coil a is inserted in a tube or sleeve c , one end of which is open and the other end of which is provided with an ornamental head c^2 of any desired form, construction or ornamentation. In this form of construction the tube or sleeve c is preferably provided, adjacent to its open end c^3 with an aperture c^4 through which one end of the wire from which the guard is formed, and said tube or sleeve is also provided at its closed end with another aperture c^5 through which the other end of said wire is passed and which construction securely holds the guard or the helical coil within said tube or sleeve, and when in practice the pointed end of the pin b is inserted in this device as shown in Fig. 5, and this operation straightens out the coil which forms the guard proper, as clearly shown in said figure and the operation of attaching and detaching the guard will be the same as with the construction shown in Figs. 1 and 2.

From the foregoing description it will be seen that the chief feature of my invention is in the helical coil tapered at one end and various changes in and other modifications of the construction herein shown and described may be made, within the scope of the appended claims, without departing from the spirit of my invention or sacrificing its advantages.

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

1. A pin point guard consisting of a longitudinally curved helical spring coil, one end portion of which is tapered.

2. A pin point guard, consisting of a longitudinally curved helical spring coil, one

end of which is tapered and a tube or sleeve
in which said coil is secured, said tube or
sleeve being open at one end and the other
end thereof being provided with a knob or
5 head.

3. A pin point guard, consisting of a lon-
gitudinally curved helical spring coil.

In testimony that I claim the foregoing

as my invention I have signed my name in
presence of the subscribing witnesses this 10
18th day of February 1911.

RUDOLPH MEYER.

Witnesses:

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