

J. M. CHRITTON.
HAT PIN FASTENER AND POINT PROTECTOR.
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Patented Nov. 19, 1912.

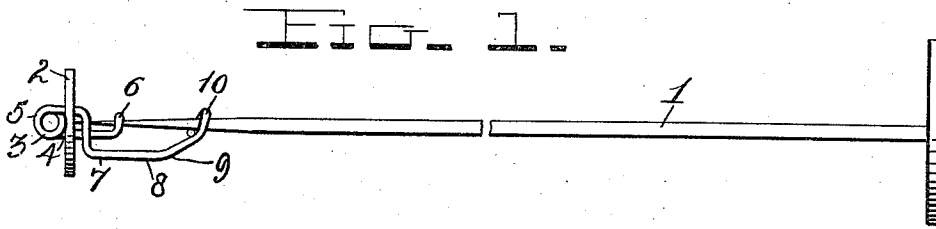


Fig. 2.

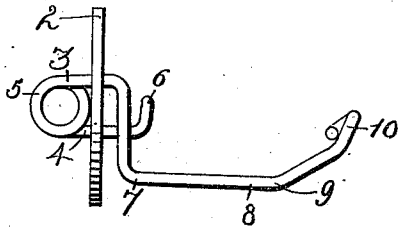


Fig. 3.

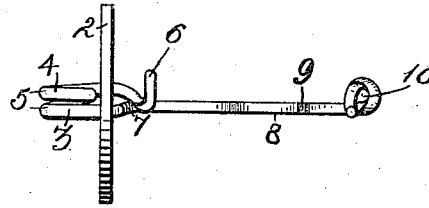
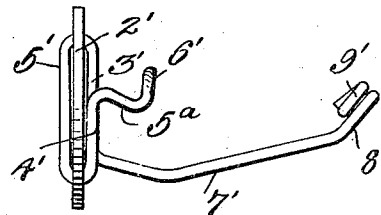


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

JAMES M. CHRITTON, OF ROCKY FORD, COLORADO.

HAT-PIN FASTENER AND POINT PROTECTOR.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JAMES M. CHRITTON, a citizen of the United States, residing at Rocky Ford, in the county of Otero and State of Colorado, have invented certain new and useful Improvements in Hat-Pin Fasteners and Point Protectors, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to new and useful improvements in hat pin fasteners and more particularly to the class of fasteners which is also adapted to protect the point of the pin and prevent any possible injury occurring therefrom.

A further object of the invention resides in providing a device which is adapted to be frictionally engaged with the end of a pin to protect and fasten the same, which device may be readily and easily applied thereto.

A further object of the invention resides in providing a spring member having an eye formed at one end thereof through which the pin is adapted to move and a notch or the like formed at the opposite end of the spring member in a plane disposed at an angle to the plane of the eye.

Still another object of the invention is to provide a head on the spring member beyond the notch to receive the point of the pin in engagement therewith after the same has been passed through the notch, thereby protecting said point and preventing possible injury resulting from engagement therewith.

A still further object of the invention is to provide a device which is extremely simple in construction, thereby inexpensive to manufacture and one which is exceedingly efficient in operation.

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.

In the accompanying drawing forming a part of this application, Figure 1 is a side elevation showing my improved hat pin fastener applied to use. Fig. 2 is a similar view showing the same enlarged and removed. Fig. 3 is a top plan view of the same. Fig. 4 is a side elevation of a further modified form of fastener.

In carrying out my invention, I shall re-

fer to the drawing in which similar reference characters designate corresponding parts throughout the several views and in which 1 indicates a hat pin of the usual or any preferred type, the point of which is adapted to be protected and said pin fastened within a hat by means of my improved device which comprises first, a head member 2 formed of any desired material and shape having a pair of alining openings therethrough. Extending through the openings in said head member, are the arms 3 and 4 of a wire member, said wire member being looped in its length, as shown at 5, just above said head member, and the arm 4 after passing through the opening in said head, depends a short distance therebelow and has the lower end thereof bent at substantially right angles to the general trend thereof to be formed into what may be termed a hook, keeper or notch 6. The opposite arm 3 after passing through the opening in said head, is bent to extend substantially parallel with the under face of said head, as shown at 7, and is then bent again at substantially right angles to the portion 7 to form a spring arm 8. The lower end of said spring arm 8 is bent inwardly toward the axial center of the head member, as shown at 9, and the extreme end thereof is formed into an eye or loop 10, said eye being in a plane which is disposed at an angle to the plane of the member 6, the purpose of which will be hereinafter and more particularly described.

In practice, after the pin has been inserted through a hat and the point thereof extended beyond the crown of said hat, my improved device is applied thereto by slipping the eye 10 over the point of the pin, and in view of the fact that said eye is disposed in a plane at an angle to the plane of the notch or keeper, said pin cannot be engaged with said keeper at once. Pressure upon the head 2 of the device, however, will cause the arm 8 to spring into such position as to dispose the keeper or notch 6 in the same plane with said eye, whereupon the pin may be passed therein, and it will be seen that in view of the tension of the spring arm 8, the eye 10 will bind tightly on said pin and be securely held thereto. The point of the pin at this time, will either be immediately below the under face of the head or in contact therewith, so that said point will be protected and at the same time the pin will be

fastened in the hat to prevent the casual displacement thereof.

In Fig. 4, I have shown a still further modified form of fastener in which a head member 2' of disk-like form is provided similar to the head 2, as in the form disclosed in Figs. 1, 2 and 3, said head being provided with openings through which extend the arms 3' and 4', respectively, of a wire member 5. This wire member 5' is not looped in its length, as in the form shown in Figs. 1, 2 and 3, but rests flatly on the upper face of said disk member 2', and the arms 3' and 4' are bent, after passing through the openings in said disk to rest flatly on the under face of said disk and parallel to one another. As stated, the arm 4' rests flatly on the under face of said disk or head 2', and at a point, substantially the axial center of said head, the arm is bent to depend below or to one side of the under face of said head, as shown at 5^a, the free end of the depending portion of said arm being bent or curved to form a hook or keeper 6'. The opposite arm 3' extends across the face of said head to a point beyond the axial center of said head and is then bent to form a dependent spring arm 7', the outer end of said arm 7' being bent upwardly, as shown at 8', toward the axial center of said head. The extreme free end of said arm 7' is coiled, as shown at 9', to form an eye or the like, the disposing of the free end of the arm 7' at an angle toward the axial center of the head positioning said eye in a plane at an angle to the plane of the keeper 6'. The operation of this form of device is exactly the same as the other forms, and it will be seen that the formation of this device is simpler than that of the other forms hereabove described.

From the foregoing, it will be seen that I have provided a hat pin fastener which may

be readily applied to the end of a pin to prevent the same from casual removal from the hat and at the same time protect the point and prevent possible injury through engagement therewith.

Furthermore, it will be seen that by providing a spring member having a notch formed at one end thereof and an eye at the other end, said eye being disposed in a plane at an angle to the plane of the notch, a pin to be fastened must be inserted through the eye and the spring member bent to position the notch in a plane parallel with the eye, whereupon the end of the pin may be received thereby. Furthermore, it will be seen that through the tension of this spring member, the walls of the eye will bind tightly against the pin and prevent the same from being casually removed.

It will further be seen that although various forms of this device are shown, the principle in each is the same and all are so simple in construction as to be readily and cheaply manufactured and extremely effective in operation.

What I claim is:—

A device of the character described, comprising a head provided with openings, a wire member bent in its length and having the arms thereof disposed through the openings in said head, one of said arms being curved to form a keeper, the other of said arms being depended to a point below said keeper having the end thereof formed into an eye, said eye being disposed in a plane at an angle to the plane of said keeper.

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

JAMES M. CHRITTON.

Witnesses:

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