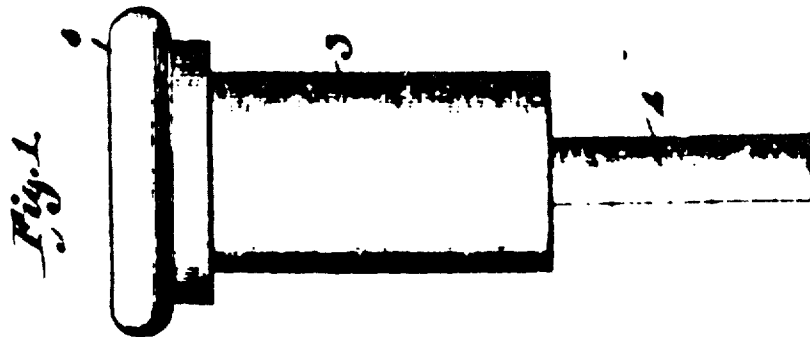
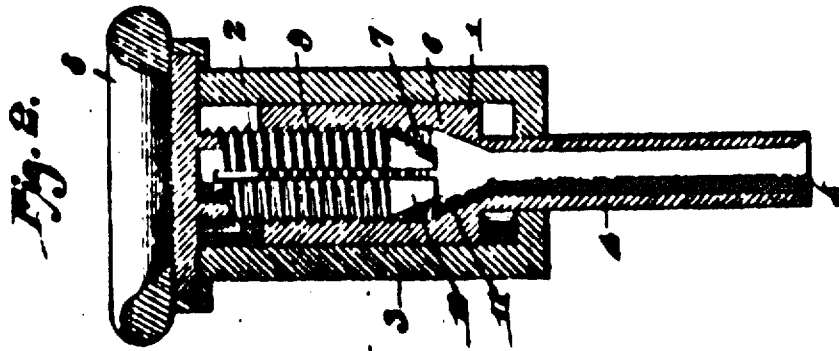


1,014,915.

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Attorney
J. W. Gould.

Inventor
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by Victor J. Evans.

UNITED STATES PATENT OFFICE.

1,014,915. PIN-LOCK. LEONARD R. STEEL,
Cleveland, Ohio. Filed July 20, 1910.
Serial No. 572,894.

To all whom it may concern:

Be it known that I, LEONARD R. STEEL, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented new and useful Improvements in Pin-Locks, of which the following is a specification.

This invention relates to improvements in securing devices for ladies' hat pins, and the primary object of the invention is to provide a device of this class which is extremely simple in construction, which may be readily and easily positioned upon the hat pin, and which will securely lock the same, but which at the same time may be easily removed from the pin when desired.

With the above, and other objects in view, which will appear as the description progresses, the invention resides in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawings there has been illustrated a simple and preferred embodiment of the improvement, and in which drawings,

Figure 1 is a side elevation of a pinlock constructed in accordance with the present invention. Fig. 2 is a central vertical transverse sectional view of the same.

In the common form of pins now employed for securing hats upon ladies' heads the pin portion of the same projects a distance beyond the side of the hat, thus rendering the pin dangerous, especially in crowded thoroughfares. The pin is also dangerous when the hat is removed from the head of the wearer, such as in cloak rooms, theaters and the like.

It is the primary object of the present invention to protect the projecting portion of the pin and at the same time securely lock the pin upon the hat. To accomplish these purposes I have provided a hat pin protector and lock comprising a sleeve 1, an operating or securing member 2, and an ornamental sleeve 3. The sleeve 1 comprises a tubular member having a reduced extension 4 which may be provided with a flaring mouth 5 and through which the point of the pin is adapted to be inserted. The upper portion of the sleeve 1 is enlarged as at 6 and has its bore provided with threads 7, the said bore being of a substantially cone-shaped formation as illustrated in the sectional view of the drawings. The securing member 2, to which is secured the top 8 is provided with a central bore and has its exterior formed with screws 9 corresponding with the threads 7 of the member 1. The projecting or threaded portion of the securing member 2 is cone-shaped so that the same may be readily fitted within

the cone-shaped bore 7 of the enlargement 6 provided upon the sleeve 1. The lower extremity of the member 9 is substantially offset as at 10, and the threaded bore is likewise offset as at 11, so that when these members come together the member 9 will be effectively compressed. The member 9 of the securing element 2 is slitted vertically, and these slits are positioned preferably at right angles to each other making four in number.

The casing 3 is secured to the head 8 in any desired or preferred manner.

By this arrangement it will be noted that none of the members can become separated and that the casing effectively incloses both the securing member and the enlarged portion of the sleeves.

It is thought that the operation of the device will be apparent, it being merely necessary to insert a pin within the flaring mouth 5 of the extension 4 of the member 1, the said pin being brought into contact with the inner bore of the securing member and the reduced extension 4 being held

by one hand of the operator and the sleeve 3 rotated thereon will cause the securing member 2 to compress and tightly engage the pin.

Having thus fully described the invention, what I claim as new is:—

In a device for the purpose set forth, a hollow member comprising an enlarged portion and a reduced extension, said hollow member having its bore threaded and being provided with a cone-shaped portion adjacent its juncture with the reduced extension, a securing member having a hollow slitted stem and a cone-shaped extension, said stem being formed with threads adapted to engage with the threads of the hollow member, the cone-shaped extension of the said member alining with the bore of the reduced extension of the first named member, both the bore of the reduced extension and the bore of the slitted stem adapted to receive the point of the hat pin, the reduced extension being formed with a flaring end, the securing member being provided with a head, and a casing connected with the head and surrounding the enlarged portion of the first named member, said casing having its end opposite the head reduced and formed with an opening through which the reduced extension of the said first named member projects.

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

LEONARD R. STEEL.

Witnesses:

MABEL LAWRENCE,
JOHN D. LLOYD.