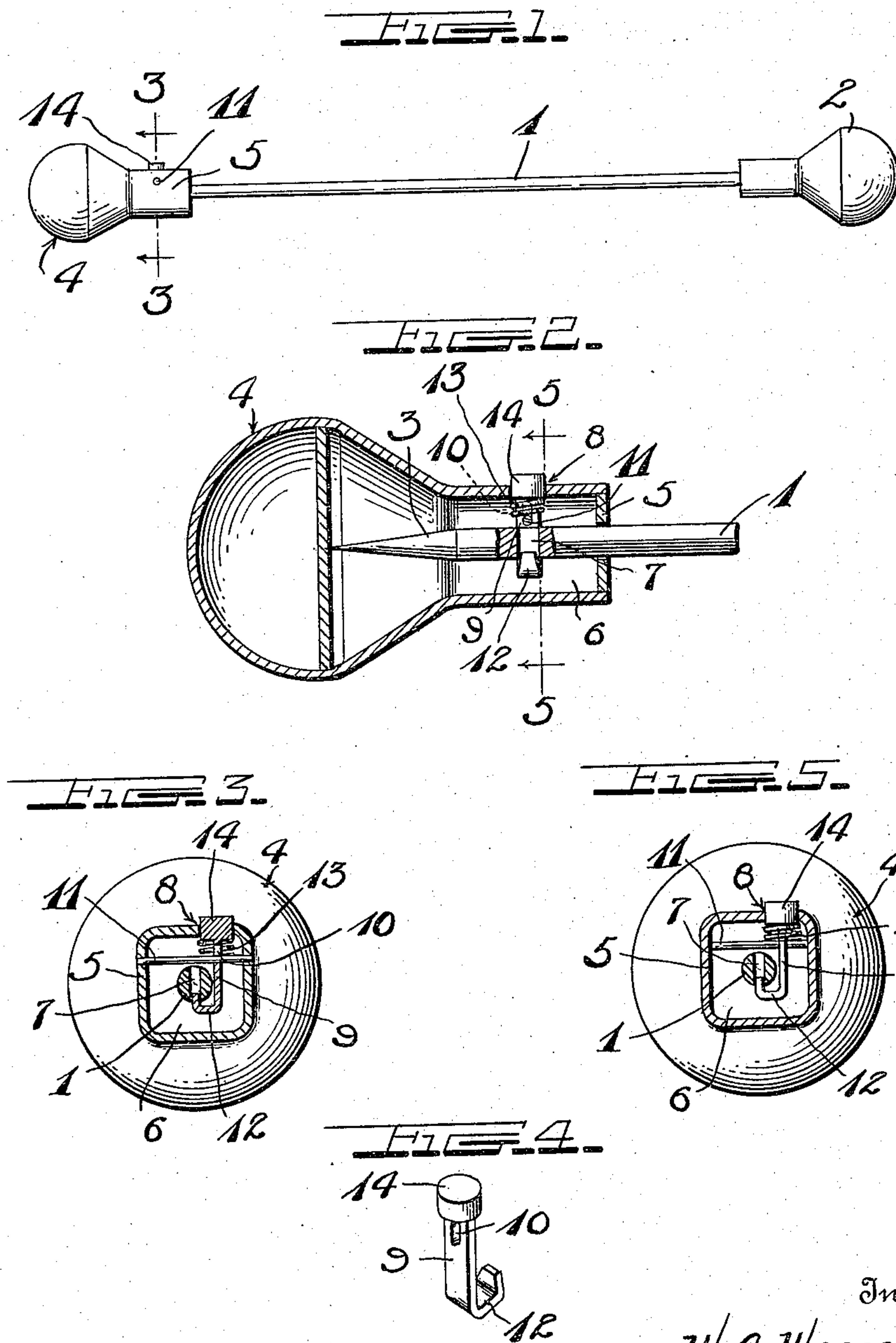


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HAT PIN GUARD.  
APPLICATION FILED JUNE 10, 1915.

1,166,728.

Patented Jan. 4, 1916.



Witnesses  
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# UNITED STATES PATENT OFFICE.

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## HAT-PIN GUARD.

1,166,728.

Specification of Letters Patent.

Patented Jan. 4, 1916.

Application filed June 10, 1915. Serial No. 33,411.

*To all whom it may concern:*

Be it known that I, WILLIAM A. WEGENER, a citizen of the United States, residing at Beiseker, in the Province of Alberta and Dominion of Canada, have invented certain new and useful Improvements in Hat-Pin Guards; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in hat pin guards or shields and the object thereof is to provide a simply constructed and efficient device of this character which, while securely locking the pin in position in the hat, will also protect the point thereof and prevent all possibility of injury being inflicted thereby on surrounding objects or persons.

With this and other objects in view, the invention consists of certain novel details of construction and the combination and arrangement of parts which will be hereinafter more fully described and claimed.

In the accompanying drawing: Figure 1 represents a side elevation of a hat pin equipped with this improved guard; Fig. 2 represents a longitudinal section through the guard; Fig. 3 is a transverse section taken on the line 3—3 of Fig. 1; Fig. 4 is a detail perspective view of the locking element detached; and Fig. 5 is a transverse section taken on the line 5—5 of Fig. 2.

In the embodiment illustrated a hat pin 1 is shown of ordinary construction equipped with the usual head 2 and having a penetrating point 3. Detachably mounted on this penetrating point 3 is a protective shield or guard here shown in the form of a casing 4 which is reduced at one end to form a housing 5, the latter being square-shaped in cross section and provided with a bore 6 extending longitudinally thereof and designed to receive and house the point of the pin. This pin is provided at a point spaced inwardly from its point with a transverse aperture 7 which is designed to be disposed within the housing 5 of the guard when in operative position and to receive a locking element here shown in the form of a straight shank 9 which is provided with a longitudinally extending slot 10 for slidable engagement with a pin 11, whereby said shank may be moved transversely of the bore 6, the pin 11 also extending transversely of the latter in a

plane at right angles to the shank 9. One end of the shank 9 is extended through an opening 8 in one side of the housing 5 and is provided with a finger knob or head 14, the other end of the shank 9 being bent in the form of a U to provide a hook 12 for engagement with the aforesaid aperture 7 in the pin 1. Mounted on this shank 9 is a coiled spring 13 which is disposed between the head 14 of the shank and the pin 11 and which exerts its tension to normally hold the point of the hook 12 in locking engagement with the aperture in the pin. When it is desired to disengage the pin from the locking element, the head 14 thereof is pressed inwardly against the tension of the spring 13 thereby forcing said hook 12 away from the pin and out of engagement with the aperture therein to provide for the ready removal of the pin.

In the use of the device when it is desired to insert a pin in a hat, the guard is first disengaged therefrom and after the pin has been passed through the hat and hair of the wearer, the guard is replaced on the point thereof, the bore of the guard, the aperture in the pin, and the locking element being so positioned that when the pin has reached its extreme inner position within the guard, the hook-shaped portion of the element will be disposed opposite the aperture 7 in the pin and will thus readily snap into said aperture and securely lock the guard on the pin, which will effectively prevent all possibility of the pin becoming detached from the hat and also completely house the point thereof to afford protection to persons and objects with which it might come into contact.

While the device is shown and described in connection with a hat pin, it is obvious that it may be employed as a guard for a scarf or other pin, forming a safety attachment for preventing the loss of such a pin by the disconnection of the pin from its catch.

I claim:—

A guard of the class described comprising a casing, one end of which is reduced to form a housing, the latter being square-shaped in cross section and provided with a bore extending longitudinally thereof, a pin extending transversely across said bore, a straight shank extending transversely across the latter in a plane at right angles to said pin and having a longitudinally extending slot for slidable engagement with said pin,

one end of said shank being provided with a head extending through said housing, the other end of said shank being bent in the form of a U to form a hook, and a coiled  
5 spring disposed around said shank between the head thereof and said pin, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM AUGUST WEGENER.

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."