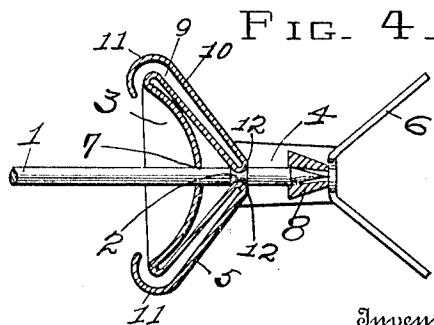
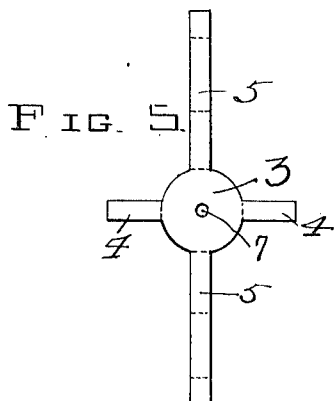
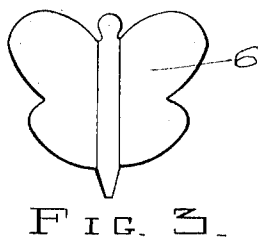
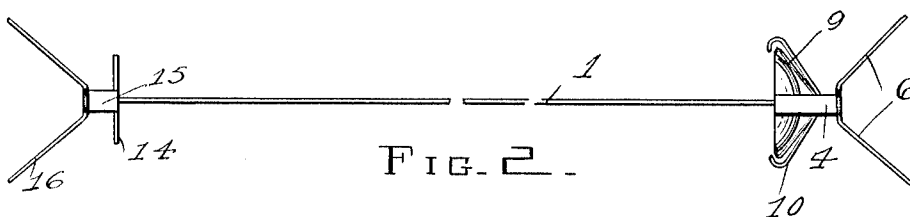
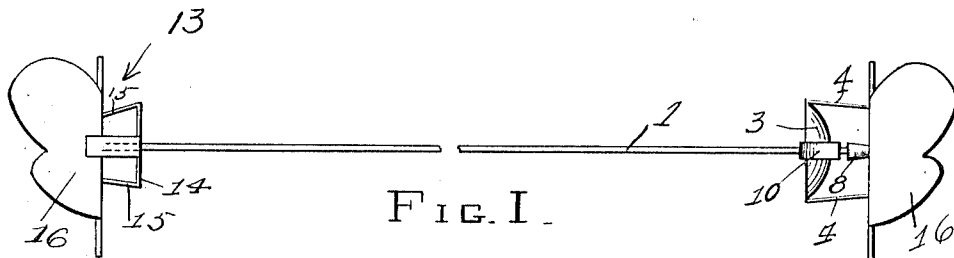


F. READ.
HAT PIN ATTACHMENT.
APPLICATION FILED JUNE 5, 1912.

1,064,008.

Patented June 10, 1913.



Witnesses

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HAT-PIN ATTACHMENT.

1,064,008.

Specification of Letters Patent.

Patented June 10, 1913.

Application filed June 5, 1912. Serial No. 701,781.

To all whom it may concern:

Be it known that I, FRANCIS READ, a citizen of Newfoundland, residing at Ireland Island, La Poile, Newfoundland, have invented certain new and useful Improvements in Hat-Pin Attachments, of which the following is a specification.

The present invention relates to a device to be detachably secured upon the pointed end of a hat pin to hold the pin from accidental displacement and to properly cover the pointed end of the same to prevent accidents.

An important object of the invention is to provide a device of the above mentioned character, which is neat and attractive in appearance, simple in construction and reliable in operation.

Other objects and advantages of the invention will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same, Figure 1 is a side elevation of a hat pin equipped with my improved device, Fig. 2 is a plan view of the same, Fig. 3 is an end view of the device, Fig. 4 is an enlarged central longitudinal sectional view through the device, and Fig. 5 is a plan view of a portion of sheet-metal which is bent to form portions of the device.

In the drawings, wherein for the purpose of illustration, I have shown a preferred embodiment of my invention, the numeral 1 designates a hat pin provided near and spaced from its pointed end with an annular groove 2.

My device comprises a preferably circular body portion 3, carrying extensions 4 and 5, which parts are stamped from a section of sheet-metal, as will be readily apparent from Fig. 5. The body portion 3 is preferably bent outwardly so that its inner surface is concave, as shown. The extensions 4 are bent at right angles to the body portion 3 and extend outwardly to be suitably connected with an element 6, of any suitable ornamental design. The element 6 is preferably made to simulate a butterfly. The body portion 3 is provided centrally thereof with an opening 7 through which the pin 1 extends. The pointed end of the pin is inserted within a protecting casing 8, having its outer end closed. This protecting casing

is soldered or otherwise attached to the ornamental element 6. The extensions 5 are diametrically arranged with relation to the body portion 3 and are bent upon themselves between their ends, forming suitably spaced overlapping spring arms 9 and 10. These members or spring arms converge toward their forward ends, which are disposed near each other to enter the annular groove 2 of the pin 1, thus normally holding the entire device upon the pin. The outer ends of the arms 10 are curved or bent inwardly, as shown at 11, which outer portions 11 are forced inwardly toward the body portion 3, when it is desired to move the inner ends 12 out of the groove 2, it being understood that the arms 9 and 10 are formed suitably stiff and springy and tensioned to normally bring the ends 12 into the annular groove 2. It is thus seen that my device is exceedingly simple in construction and cheap. Rigidly connected with the opposite end of the pin 1 is a head 13, which is preferably constructed similar in appearance to the detachable device. This head comprises a body portion or flat plate 14, provided with diametrically arranged arms 15, which are soldered or otherwise attached to an ornamental element 16, of the same appearance as the element 6. The pin 1 passes through openings in the body portion 14 and element 16 and is soldered to the same within such openings.

It is to be understood that the form of my invention herewith shown and described is to be taken as a preferred example of the same and that certain changes in the shape, size, and arrangement of parts may be resorted to without departing from the spirit of the invention or the scope of the subjoined claims.

Having thus described my invention, I claim:—

1. The combination with a hat pin provided near its free end with an annular groove, of a detachable holding element, comprising a substantially circular sheet-metal body portion formed curved in cross-section and provided substantially centrally thereof with an opening, oppositely arranged spring strips carried by the body portion, said spring strips being bent between their ends forming normally approximately parallel portions, the spring strips being adapted to enter the annular groove at their points of bending, the free ends of

the outer portions terminating near the body portion, a protecting sleeve to receive the pointed end of the pin, and means to connect the protecting sleeve with the body portion and retain the same spaced therefrom.

2. The combination with a hat pin provided near its free end with an annular groove, of a detachable holding device comprising an apertured body portion stamped from a section of sheet metal and having two diametrically arranged pairs of extensions, an ornamental element spaced from the body portion and connected with the extensions in one pair, a protecting casing carried by the ornamental element to receive the pointed end of the pin, the extensions in the other

pair being bent upon themselves between their ends for forming converging clamping elements, the inner ends of said clamping elements adapted to enter within the annular groove, each clamping element being formed of inner and outer spaced spring arms, and the outer spring arm extending outwardly beyond the inner spring arm and being bent inwardly about the same and adapted to disengage the inner ends of said clamping elements from said annular groove.

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

FRANCIS READ.

Witnesses:

HAROLD PAYNE,
THOS. LOPER HOMEL.

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