J. A. FLEMING.

POINT GUARD FOR HAT PINS.

APPLICATION FILED MAR. 7, 1911.

1,040,921. Patented Oct. 8, 1912.

FIG. 1

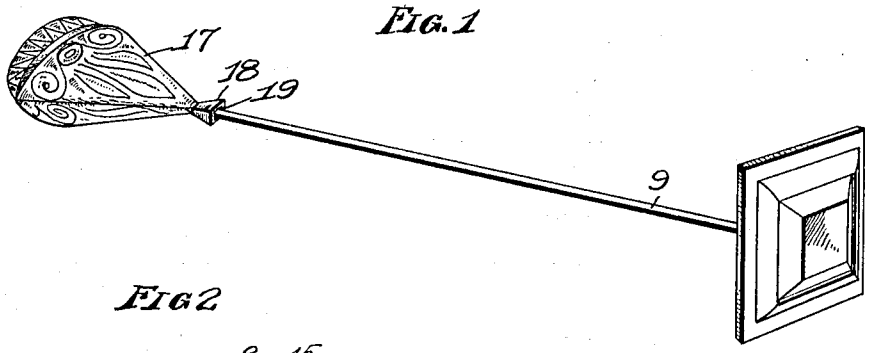


FIG 2

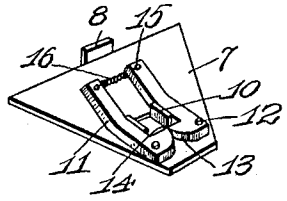


FIG. 4

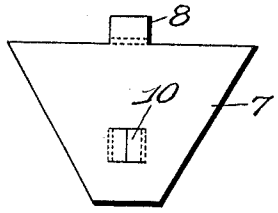


FIG. 3

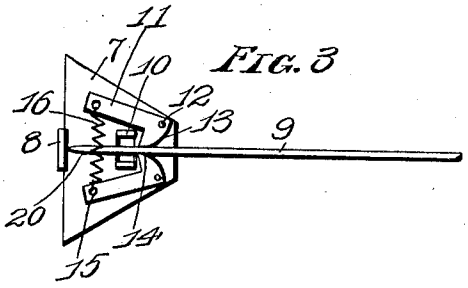


FIG. 5

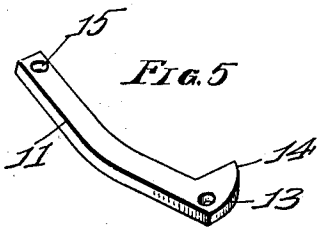
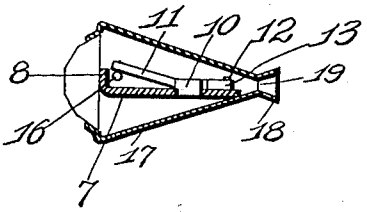


FIG. 6



Witnesses

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UNITED STATES PATENT OFFICE.

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POINT-GUARD FOR HAT-PINS.

1,040,921. Specification of Letters Patent. Patented Oct. 8, 1912.

Application filed March 7, 1911. Serial No. 612,945.

To all whom it may concern:

Be it known that I, JOHN A. FLEMING, a citizen of the United States, and resident of St. Louis, Missouri, have invented certain new and useful Improvements in Point-Guards for Hat-Pins, of which the following is a specification.

This invention relates to improvements in a point guard for hat pins and has for its object a clamping device located within an ornamented housing, said device being adaptable for the protection against the projecting point of said pin.

A further object of my invention is to provide a means which can be readily applied or removed on the point of a hat pin having a clamping device by which the same is held in position thereon.

Figure 1 is a perspective view of a hat pin showing my improved device in position thereon. Fig. 2 is a perspective view of the clamping device detached from the housing. Fig. 3 is a plan view of the clamping device showing the pin in inserted position. Fig. 4 is a plan view of the supporting plate to which the clamping jaws are attached. Fig. 5 is a detail perspective view of one of the clamping jaws. Fig. 6 is a central sectional view of my device shown in its relative position in the ornamented housing.

In carrying out my invention I provide a supporting plate 7 stamped out of a sheet of metal, having an upturned ear 8 which acts as a stop for the point of the pin 9 limiting its insertion. The said plate 7 is also provided with a pair of projecting ears or lugs 10 which are preferably stamped out of the same material and turned upwardly acting as a stop for the clamping jaws 11 preventing the same from becoming out of alinement.

The clamping jaws 11 are pivotally connected to the plate 7 by pins 12 and so arranged as to have their rounded surface 13 contact at a point indicated by the numeral 14. The opposite free ends of the jaws are perforated as indicated by the numeral 15 and in the same is secured a coil-spring 16.

The entire plate and clamping jaws are securely fastened either by solder or otherwise within an ornamented housing 17, and in order to provide the free insertion of the pin 9 I provide the housing with a flared inlet 18, the opening 19 of the housing being of a size sufficient to permit the pin 9 to enter and by pressing the device and pin together the point 20 of said pin passes between the rounded surface 13 of the jaws spreading the same in position as shown in Fig. 3. The insertion of the pin is limited by means of the ear 11 and the tendency of the spring is to apply sufficient pressure upon the pin so as to clamp the same, yet it will permit the housing, together with the locking device to be removed from the pin at will.

The stop or ear 8 in addition to the limiting of the inward movement of the pin also acts to prevent the pin from contacting with the jewel located in the end of the ornamented housing.

Having thus fully described my invention, what I claim as new and desire to have secured to me by the grant of Letters Patent, is:

A device of the class described comprising a supporting plate, a pair of bent locking L-shaped jaws pivotally mounted on said plate, the pivot point of each jaw being at the lower end, a spiral spring connecting the free upturned ends of said jaws, stops formed integral with the plate and bent upwardly to limit the inward movement of the locking jaws and keep them in alinement with the opening in the housing, a stop formed integral with said plate and bent upwardly against which the point of the hat pin contacts so as to limit its inward movement, a housing in which all of the parts are securely mounted, and a flared inlet formed on the housing in alinement with the contacting surface of the locking jaws so as to form a proper guide for the insertion of a hat pin, substantially as specified.

In testimony whereof, I have signed my name to this specification, in presence of two subscribing witnesses.

JOHN A. FLEMING.

Witnesses:

ALFRED A. EICKS,

WALTER C. STEIN.