

W. G. SCHMIDT.
LADY'S HAT PIN.
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1,060,134.

Patented Apr. 29, 1913.

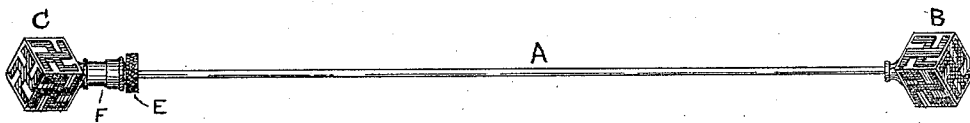


Fig. 1.

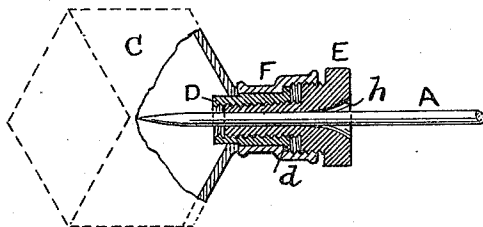


Fig. 2.

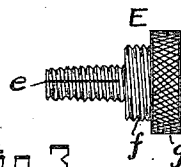


Fig. 3.

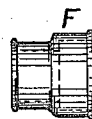


Fig. 4.

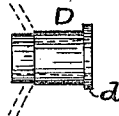


Fig. 5.

Witnesses:

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LADY'S HAT-PIN.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM G. SCHMIDT, a citizen of the United States, residing in Somerville, in the county of Middlesex and State of Massachusetts, (whose post-office address is 47 Florence street, Somerville, Massachusetts,) have invented certain new and useful Improvements in Ladies' Hat-Pins, of which the following is a specification.

My invention relates to pins for holding ladies' hats in place and consists of a certain device for protecting the point of said pins, after they are in place, so that no injury may be done to others by the sharp point of said pin.

My objects are, first, to so protect the point of the pin as to prevent injury to the wearer or to others; and second, to prevent the pin from accidentally falling out after being placed in the hat. I accomplish these objects by means of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is an elevation of a complete hat pin provided with my device; Fig. 2 is an enlarged section of my device; Fig. 3 is an elevation of the split chuck; Fig. 4 is an elevation of the inclosing sleeve; and Fig. 5 is an elevation of the chuck sleeve of said device.

Similar letters refer to similar parts in the several views.

Referring to Fig. 1, A is an ordinary hat pin, provided with an ornamental head B, as usual.

C is a second ornamental head to which is fixed the chuck member shown in Fig. 5. This second or supplemental head C is removable at pleasure. It may be a counterpart of the head B, or be made much smaller, or of a different form.

Referring to Fig. 2, the construction of my device is shown. Fixed to the ornamental head C is the chuck member D, which is cylindrical and has a tapering, threaded hole. Fitted to this hole is the chuck E, similarly threaded, and being slotted through nearly the entire length of this tapering thread as shown at *e*. An enlarged part of this piece, at *f*, is also threaded, while a still longer part, at *g*, is knurled for a convenient grasp of the fingers. This piece is cylindrical and has a hole through its center large enough to take in the largest

hat pin. This hole is reamed out on the front end, as at *h*, for the more convenient entering of the point of the hat pin. Fitting loosely upon the chuck member E is the inclosing sleeve F. An enlarged portion of the hole fits over the flange *d*, while the remainder of the enlarged hole is threaded to fit the larger threaded portion of the split chuck E. The office of the part F is to hold the parts E and D together and cover the space left between them when the part E is partially unscrewed to release the hat pin A.

I am aware that the inclosing sleeve F may be omitted without rendering my device inoperative. But I prefer to construct it as shown.

The operation and use of this device is as follows: The supplemental head C having been removed from the hat pin A, the latter is placed in the hat in the usual manner with the point of the pin projecting beyond the hat. The supplemental head C is now slipped on the point of the hat pin as shown in Fig. 1, and with the fingers holding the head C and slightly screwing up the chuck E by means of the knurled portion *g*, it is tightly clamped upon the hat pin, as shown in Fig. 2. This operation being reversed the ornamental head C is readily removed.

The advent of the fashion of large hats for ladies necessitated abnormally long hat pins. The points of these pins frequently projected from one to several inches beyond the hat, thus producing a very dangerous instrument from which many serious accidents or wounds, blood poisoning and similar casualties might result. It is therefore important that some means be provided for preventing such accidents. This is successfully accomplished by my device.

Having described the construction, uses and operation of my device, I claim:

A hat pin protector consisting of three parts, namely first, an ornamental head having fixed to it a cylindrical part containing a tapered and threaded longitudinal hole; second, a cylindrical part, tapered, threaded and adapted to fit in said tapered and threaded hole, said threaded portion being split by one or more longitudinal slots and provided with a longitudinal hole adapted to receive said hat pin, and having a straight threaded portion larger than said tapered portion; and third, an inclosing

sleeve adapted to fit over said first piece, and bored and threaded to fit upon the straight threaded portion of said second part, and adapted to hold said first and second parts together and to cover the space left
5 between the said first and second parts when said second part is partially unscrewed to release said hat pin, substantially as described and for the purposes set forth.

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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."