

W. H. PLANE.
HAT PIN HOLDER.
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932,809.

Patented Aug. 31, 1909.

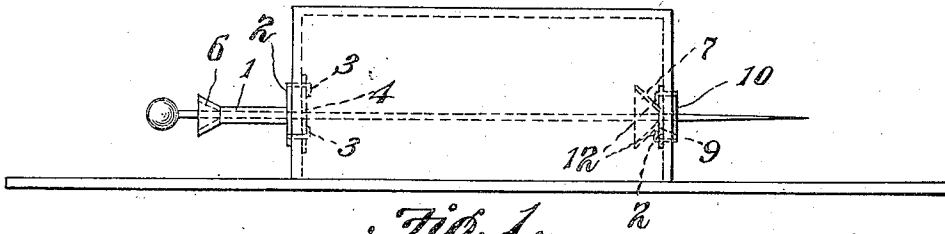


Fig. 1.

Fig. 4.

Fig. 3.

Fig. 2.

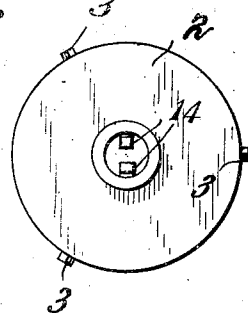
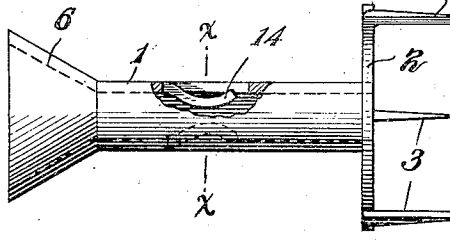
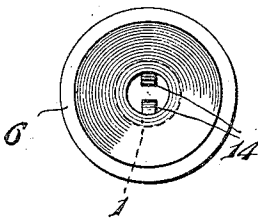


Fig. 9.

Fig. 8.

Fig. 5.

Fig. 10.

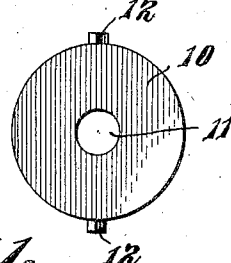
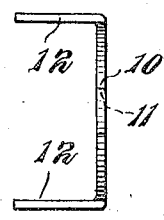
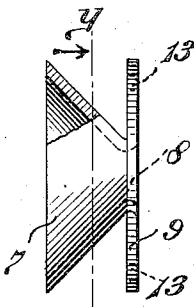
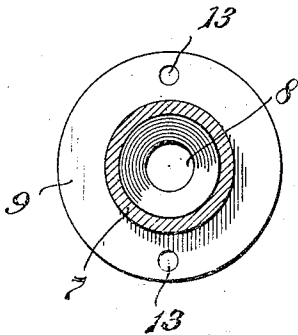
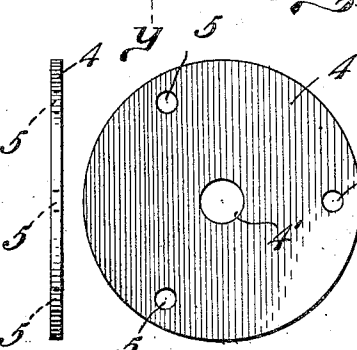


Fig. 11.

Fig. 7.

Fig. 6.



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UNITED STATES PATENT OFFICE.

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HAT-PIN HOLDER.

932,809.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM H. PLANE, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented a certain new and useful Hat-Pin Holder, of which the following is a specification.

My invention relates to apparatus adapted to be arranged in hats worn by women, said apparatus being designed to protect said hats against hat pins used in the same.

It is a known fact that hats worn by women at the present time are usually provided with no means for protecting or guarding the same against hat pins used in them, and on this account in a very short period of time the crown of a hat becomes pierced at so many different points that it not infrequently tears, resulting in the hat becoming so unsightly appearing that it is no longer fit to wear.

It is the object of my invention to provide an apparatus which may be easily and readily secured in the ordinary hat, the same being of such a design as to be adapted to form a seat for or adapted to receive an ordinary hat pin.

By the provision of my apparatus in a hat, the hat pin may always be inserted in the same place in the hat, thus obviating the above mentioned objection.

A further object of my invention is to provide an apparatus of the character mentioned, which will be provided with simple but efficient means for securely fastening a hat pin in the hat.

A still further object of my invention is to provide an apparatus of the character mentioned, which will be of the highest possible efficiency in serving a purpose as stated, and one which will be of simple construction, hence, of low cost to manufacture.

Other objects will appear hereinafter.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1 is a front elevation of a hat, the same being provided with the preferred form of my apparatus, Fig. 2 is an enlarged side elevation of the sleeve-like, hat pin-receiving member embodied in the preferred form of my apparatus, a portion of the same being broken away so as to better illustrate the construction of the same, Figs. 3 and 4 are end elevations thereof, Fig. 5 is a ver-

tical transverse section taken on the line $x-x$ of Fig. 2, Figs. 6 and 7 are enlarged front and side elevations, respectively, of the stiffening disk used in conjunction with the sleeve-like member shown in Fig. 2, Fig. 8 is an enlarged side elevation of the hat pin point directing and retaining member embodied in the preferred form of my invention, Fig. 9 is a vertical transverse section taken on the line $y-y$ of Fig. 8, and Figs. 10 and 11 are enlarged front and side elevations, respectively, of the stiffening disk used in conjunction with the member shown in Fig. 8.

Referring now to the drawings, 1 indicates a tubular or sleeve-like member, the same being formed of any suitable sheet metal preferably tin or aluminum. Said member is made of any suitable length and of an inside diameter slightly greater than the diameter of an ordinary hat pin. The rearward extremity of said member 1 is provided with an annular outwardly extending flange portion 2, said flange being of any suitable width. Said flange portion is provided upon its periphery with a plurality of spikes 3 preferably equally spaced apart thereon, and formed integrally therewith, the same being substantially parallel and horizontally extending. Said spikes are adapted to be inserted into the vertically disposed portion of the crown of a hat. In order to facilitate rigidly securing said member 1 in a hat as mentioned, I employ a collar or disk member 4 provided with the centrally positioned perforation 4' for obvious reasons, the same being adapted to be arranged upon the inside of the crown of a hat directly opposite the member 1. Said disk is provided with a plurality of radially positioned perforations 5, the same being so positioned as to be adapted to receive the spikes 3 of the flange portion 2. By bending said spikes back upon the inner surface of said disk 4, it is obvious that said sleeve 1 may be rigidly and securely fixed in position. In order that a hat pin may be readily inserted in said sleeve, I enlarge the outer opening as at 6, as clearly shown in Fig. 2 of the accompanying drawings. However, said provision is not essential, as it is obvious that it is only to avoid wasting of time in locating the opening in the sleeve 1 that the latter is so constructed.

7 indicates a funnel or conically formed member, the same being provided with the

central aperture 8 and with an annular downwardly extending flange 9 at the rearward extremity thereof, said flange being preferably formed integrally therewith. Said member 7 is secured in any suitable manner upon the inner wall of a hat in axial alignment with the member 1 for obvious reasons, the same being funnel formed for the obvious purpose of insuring directing the point of a hat pin which has been passed through the member 1 into the aperture 8. Said member 7 is preferably adapted to be rigidly secured in place by a collar or disk member 10, the same being provided with a central aperture 11 for obvious reasons and with the parallel horizontally extending spikes 12, said spikes being adapted to be inserted into the vertically extending portion of the crown of a hat and passed through apertures 13 provided for the reception of the same in the flange portion 9 of the member 7. It is obvious that by bending said spikes back upon the inner surface of the flange portion 9, that is, in a manner similar to securing the member 1 to a hat as before described, said member 8 may also be rigidly and securely fixed to a hat.

In order to facilitate securely holding a hat pin in place in my apparatus, I provide the member 1 with suitable spring clasp means, and as I have shown in the drawings, preferably form the member 1 with inwardly extending spring arms 14 diametrically opposite each other, said spring arms being preferably formed integrally with said member 1, as clearly shown in Fig. 2 of the accompanying drawings.

I do not wish to be limited to the just described specific construction of said spring clasp means; however, as I might employ separate spring arms and fix the same in said member 1 without departing from the spirit

of my invention. It is obvious that a hat pin inserted in the sleeve member 1, will be securely held in position in the same by frictional contact with said spring arms.

While I have shown what I deem to be the preferable form of my apparatus, I do not wish to be limited thereto as there may be changes made in the arrangement of parts and details of construction, as for example, said member 1 might be made in a more ornamental form than that shown and described, as for instance, the same might be formed in the shape of a flower, etc. or other of such minor changes might be made without departing from the spirit of my invention.

Having described my invention what I claim as new, and desire to secure by Letters Patent, is:

In a device of the class described, a member adapted to be secured to the outer face of the crown of a hat and comprising a tubular portion of substantially uniform diameter throughout and having an internal diameter slightly greater than that of the hat pin, a disk formed on one end of said tubular portion and integral therewith, securing prongs on said disk, an outwardly flared portion at the opposite end of said tubular portion from said disk and integral therewith and oppositely disposed spring arms integral with said tubular portion and struck inwardly therefrom intermediate said disk and said outwardly flared portion, substantially as described.

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

WILLIAM H. PLANE.

Witnesses:

ANNA L. ERVALL,
JANET E. HOGAN.