

H. W. MORGAN.
PIN ATTACHMENT.
APPLICATION FILED JUNE 24, 1911.

1,036,883.

Patented Aug. 27, 1912.

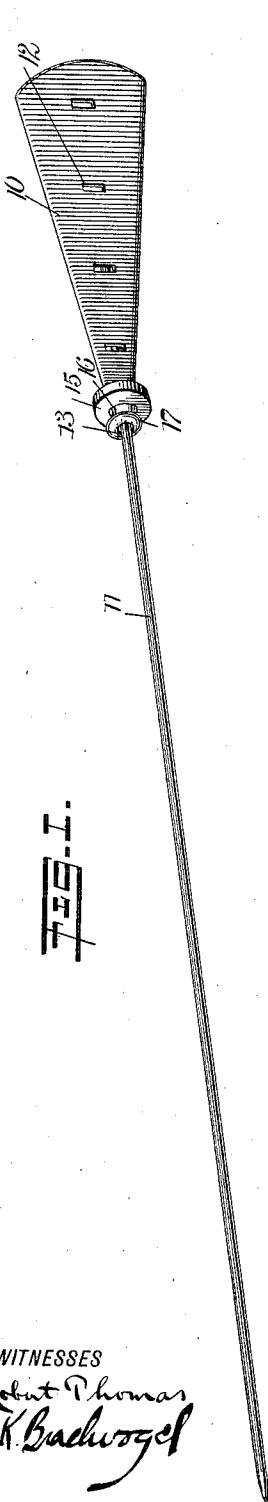


FIG. 1.

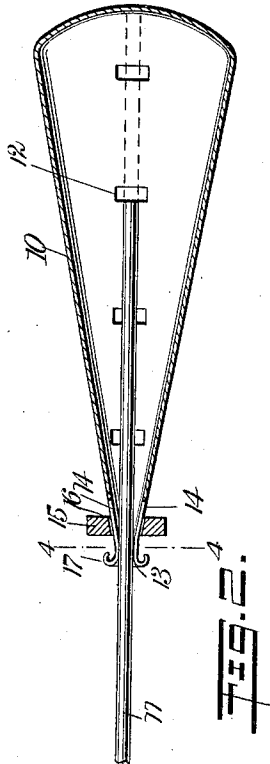


FIG. 2.

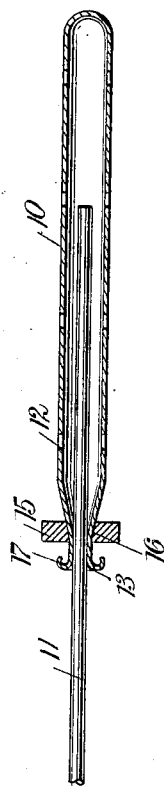


FIG. 3.

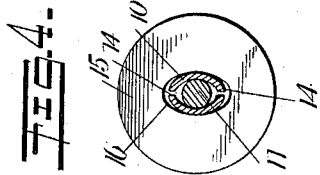


FIG. 4.

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HUBERT W. MORGAN, OF CLEVELAND, OHIO, ASSIGNOR OF ONE-HALF TO HUGH S. TOWNSEND, OF BUFFALO, NEW YORK.

PIN ATTACHMENT.

1,036,883.

Specification of Letters Patent.

Patented Aug. 27, 1912.

Application filed June 24, 1911. Serial No. 635,088.

To all whom it may concern:

Be it known that I, HUBERT W. MORGAN, a citizen of the United States, and a resident of Cleveland, in the county of Cuyahoga and State of Ohio, have invented a new and Improved Pin Attachment, of which the following is a full, clear, and exact description.

This invention relates to attachments for hat pins and other like devices, and has reference more particularly to an attachment of this class which comprises a body adapted to receive an end of the pin and having a plurality of sight openings through which the length of the pin within the body can be seen, and means for holding the pin relative to the body at different parts of the pin.

The object of the invention is to provide a simple, strong and durable attachment for use with hat pins and the like, which may be used as an adjustable hat pin head or as a point guard, which may have any suitable ornamental and artistic form, by means of which the effective length of a hat pin can be varied to adapt the same for use with hats of different dimensions, which will not readily become accidentally disengaged from the pin, which can be manipulated with ease and facility, and in which the length of the pin within the body of the device can at all times be readily ascertained.

The invention consists in the construction and combination of parts to be more fully described hereinafter and particularly set forth in the claim.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a perspective view of a hat pin having an embodiment of my invention associated therewith; Fig. 2 is an enlarged longitudinal section of the attachment, showing a part of the pin; Fig. 3 is a similar view of the attachment, the section being taken at right angles to the section of Fig. 2; and Fig. 4 is an enlarged, transverse section on the line 4—4 of Fig. 2.

Before proceeding to a more detailed explanation of my invention, it should be clearly understood that while the attachment can be used for different purposes, for example, as a pin point guard, or a safety

clutch for scarf pins, it is particularly useful in connection with hat pins commonly used by women, for securing their hats in place, and serves in this connection not only as a point guard, but also as an adjustable head. Therefore, when the attachment is used as a head for the pin it permits the effective length of the pin to be so varied that a point guard is unnecessary, owing to the fact that if the pin is of proper length the point thereof will not project far enough beyond the hat to be a source of danger to the wearer or to others. The attachment can be fashioned from sheet metal struck up in dies, from cast metal or from any other suitable material adapted for the purpose.

Certain of the details of construction shown for example herewith, form no part of the invention, and can be varied in accordance with individual preference and special conditions, without deviating from the essence of the invention as defined in the appended claim.

Referring more particularly to the drawings, I have shown for example, one form of the attachment which has an elongated, hollow body 10, fashioned from sheet metal and of tapered form. It is of such longitudinal dimension that a substantial portion of the length of the hat pin 11 can be received therein, and the effective length of a hat pin can thus be varied between limits which approximate substantially the length of the body 10. The body has in the sides thereof a plurality of spaced sight openings 12 through which the portion of the hat pin within the body can be seen and which permits the length of the hat pin length within the body to be ascertained at any time. At the tapered end, the body has an opening 13 through which the hat pin is inserted, and adjacent to the opening is provided with two or more slots 14 extending longitudinally of the body, which render this portion thereof flexible and adapted to be clamped upon the hat pin to grip the same.

I prefer to employ a threadless nut 15 for clamping the flexible part of the attachment body upon the pin but any other suitable device adapted for the purpose can be used. The threadless nut is of any suitable form, and may for example, be in the shape of a disk, as is illustrated herewith. It has an opening 16 therethrough which is of oblong form, and which transversely of the nut is

tapered to conform substantially to the taper of the attachment body. The arrangement is such that if the nut is moved toward the head end of the body it forces the flexible part against the pin and clamps the same upon it, as is shown most clearly in Fig. 4. It will be noted that the nut engages the flexible part of the attachment body at points remote from the edges of the slots 14, so that the pressure when the nut is tightened is brought to bear not at the edges, but at points spaced therefrom. I have found that a more efficient clamping action can be obtained in this way. The arrangement furthermore, obviates the possibility of bending or otherwise distorting the material at the edges of the slots. After the nut 15 has been placed upon the body, the edges at the opening 13 are turned over

to form a stop flange 17, to prevent the nut from becoming detached from the body. 20

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

An attachment of the class described comprising a hollow body adapted to receive a pin, and means for holding said body relative to said pin at different parts of said pin said body having a plurality of sight openings through which the length of the pin in said body can be ascertained. 25 30

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

HUBERT W. MORGAN.

Witnesses:

S. H. HERBESON,

EDWIN A. MASTICK, Jr.

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