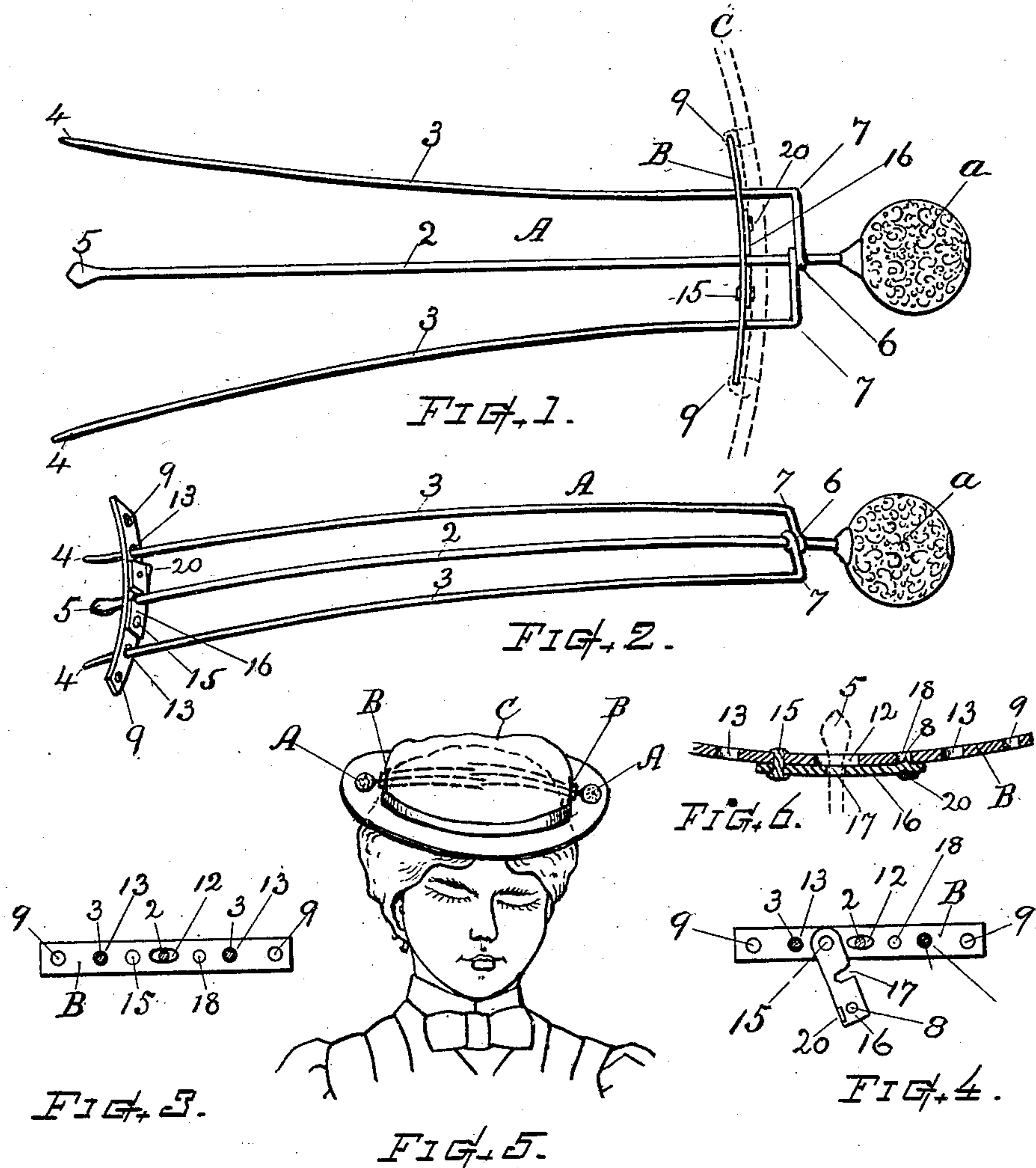


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I. B. MALMSTEAD.
LADY'S HAT FASTENER.
APPLICATION FILED NOV. 26, 1907.



Witnesses.

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LADY'S HAT-FASTENER.

No. 890,675.

Specification of Letters Patent.

Patented June 16, 1908.

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To all whom it may concern:

Be it known that I, ISAAC B. MALMSTEAD, a citizen of the United States, residing at Worcester, in the county of Worcester and State of Massachusetts, have invented a new and useful Lady's Hat - Fastener, of which the following is a specification, reference being made therein to the accompanying drawings.

The object of my present invention is to provide an efficient and desirable hat fastener of the character specified, having means whereby it can be readily attached to a lady's hat, and which will not be liable to become lost or displaced when in use, but which can be detached when desired. Also, to provide a fastener of the character set forth, having a single head and plurality of tines or prongs, and a securing means such as more fully hereinafter explained. These objects I attain by the article of manufacture illustrated in the accompanying drawings, wherein—

Figure 1 represents a plan view of my improved hat-fastener. Fig. 2 represents a perspective side view of the same with the pin retracted. Fig. 3 is a transverse section showing one face of the attaching guard. Fig. 4 is a similar view of the opposite face of the guard and with the latch device open. Fig. 5 illustrates the manner of use, and Fig. 6 is a longitudinal section of the guard-bar and latch drawn to somewhat larger scale.

As an improved article of manufacture, the hat-fastener made according to my invention, comprises an endwise insertible furcated pin having a plurality of long tines or prongs combined with a transversely disposed perforated attaching bar or guard member through which the several tines of the pin are slidable; said bar being provided with a pivoted latch or device for preventing the escape of the pin therefrom, except when the latch is thrown outward.

A indicates the pin formed with a main central tine or member 2 and supplemental tines or members 3 at either side. The tines are best made of spring wire of suitable size, preferably somewhat arched in their common plane, and the side tines 3 are curved to spring laterally away from each other towards their points 4. The pin is provided with a suitable head *a*, of more or less ornamental design, fixed on the outer end of the main member 2, while the wire that forms the supplemental or side prongs 3 is firmly

attached to the main member, transversely thereto at a short distance from the head, by bending or coiling it about said main wire and soldering or welding it thereto, as at 6. Portions of the wire are extended laterally, and are then bent at right angle, as at 7, and thence continued longitudinally to their points 4, thus forming, in connection with the central tine 2, a furcated or tridentate pin with outwardly springing side tines. The central member 2 is provided with a broadened end 5 or enlargement at or near its point, preferably formed by flattening the wire.

B indicates the attaching bar or guard device, consisting of a thin narrow strip of metal, the length of which is somewhat greater than the width of the pin A. Said bar is slightly curved to fit the surface of a hat C, (see Fig. 1) and is perforated with holes 9 near its ends to facilitate sewing the bar to the lining or fabric of the hat when applied to use. Said bar is provided with other holes 12 and 13 therethrough for the reception of the tines 2 and 3, which are arranged to slide endwise therein.

The central hole 12 is somewhat oblong or extended so as to permit the passage therethrough of the broad end 5 of the main tine 2. Upon one side of the attaching bar and pivoted thereto at 15, I arrange a latch device 16 having at its edge a notch or recess 17 suitable for embracing the main tine of the pin when the latch is in closed position. The notch 17 is in alinement with the hole 12, but is made of such shape and size that the broad end 5 of the tine cannot pass through the guard when the latch is in normal closed position. The latch is best fitted with a small protuberance or stud 8 that engages a hole or depression 18 in the bar for frictionally retaining the latch closed; and with an offset lip 20 to aid in opening the latch.

When applying the article to use the plurality tined pin A is first withdrawn from the bar B, and said bar is sewed to the inner side of any lady's hat at such position as may be desired. The pin is then inserted through the side of the hat C and the bar B from the exterior; the respective tines passing through their respective holes 12 and 13. The latch 16 is then closed, which prevents passage of the point 5 and withdrawal of the pin from the plate; thereby confining the pin to the hat so that it cannot escape so long as the latch is closed, but the tines 2 and 3 are free

to be inserted into the coiffure (see Fig. 5) and withdrawn therefrom at pleasure by taking hold of the head *a*. The article maintains its connection with the hat and is operative at one position, thus avoiding the puncturing of the hat, excepting for the original placement of the fastener thereon. In practice two of these fasteners may be attached to the hat at opposite sides thereof, and the tridentate pins inserted into the coiffure from either side, as indicated in Fig. 5. When the pins are withdrawn from the coiffure they are stopped at their point by the guard B and do not escape entirely from the hat, but are retained always ready for use.

This hat fastener is simple in construction, convenient and efficient for use, and is not liable to become detached, lost or mislaid. The ornamental head of the pin can be of any size, shape or style desired, without changing the nature of the invention.

What I claim is—

1. A hat fastener, comprising a pluraltined pin consisting of a main tine having a head thereon, and a piece of wire coiled around and rigidly secured to said main tine near its head, with the two outstanding portions bent at an angle and forming supplementary tines at either side thereof; in combination with a guard-plate adapted for attachment to a hat, having a row of holes therethrough for severally embracing the tines, and a notched latch pivoted upon said guard-plate and coacting therewith to prevent withdrawal of the pin when said latch

is closed, but permitting release of the pin when said latch is opened.

2. A lady's hat fastener, comprising a furcated pin having a main tine provided with a head at its outer end and broadened at its point; supplemental tines at either side thereof connected with said main tine near the head, an attaching-bar having holes for the several tines, the hole for the main tine being of a shape to accommodate the passage of the broadened end, and a latch device carried on said attaching bar and having a notch or recess that coacts with and closes said main opening to prevent withdrawal of the broadened point of the main tine therefrom when the latch is closed.

3. An endwise insertible hat pin having a broad flat point of greater width than the tine, in combination with a metal guard-bar having an oblong hole for the passage of said broad point therethrough, and a latch member having a side recess to receive the tine, but of less dimension than the broad point, said latch pivoted on the guard to swing its recess into and from conjunction with the pin, and means for frictionally retaining said latch at closed position, substantially as set forth.

Witness my hand this 25th day of November, 1907.

ISAAC B. MALMSTEAD.

Witnesses:

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