(No Model.)

F. W. GRUNDMANN.

HAT FASTENER.

No. 551,313. Patented Dec. 10, 1895.

Fig. 1

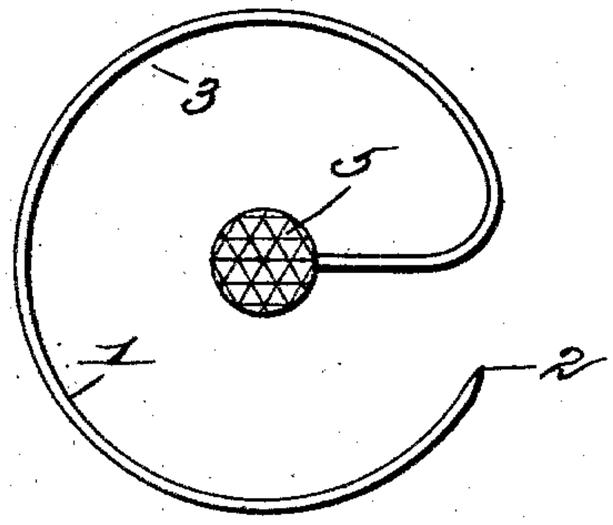


Fig. 3.

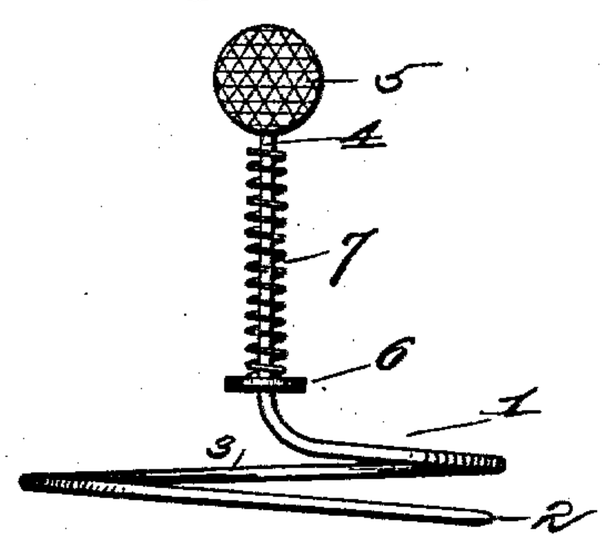


Fig. 2.

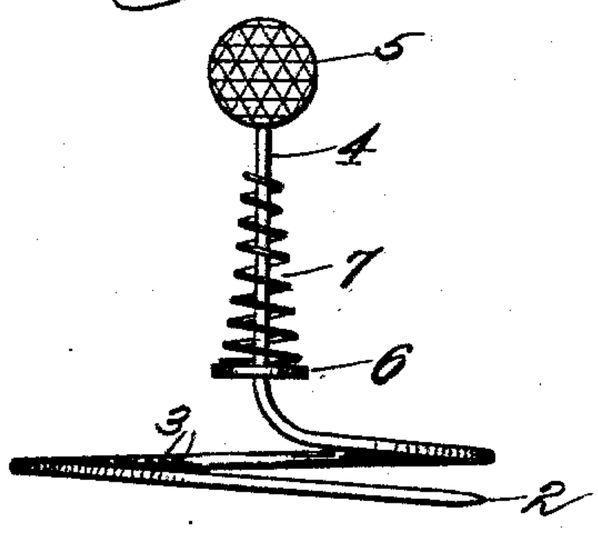


Fig. 4.

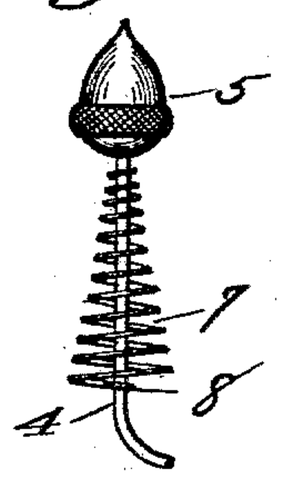
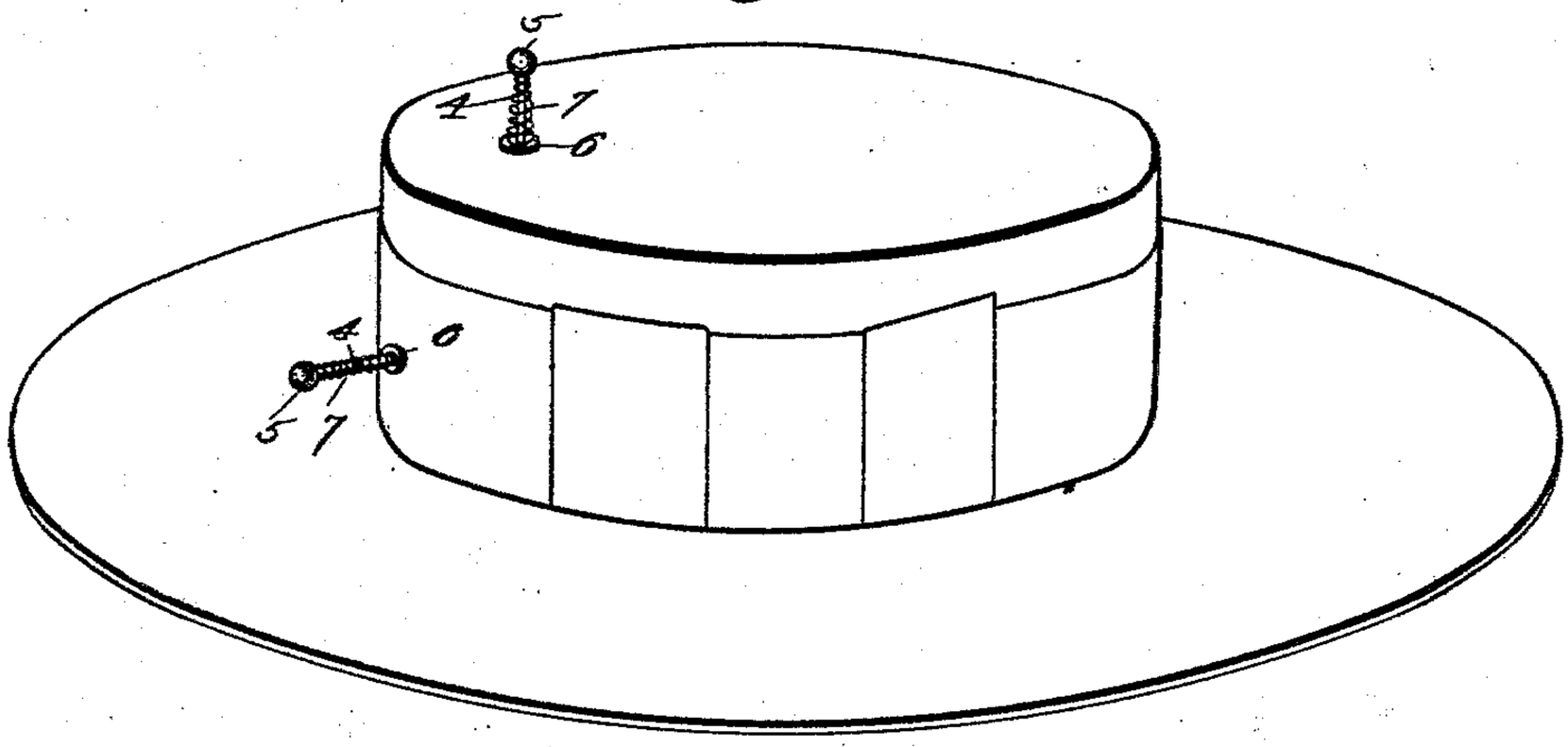


Fig. 5.

Fig. 6.



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UNITED STATES PATENT OFFICE.

FREDERICK W. GRUNDMANN, OF ST. LOUIS, MISSOURI.

HAT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 551,313, dated December 10, 1895.

Application filed April 22, 1895. Serial No. 546,646. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK W. GRUNDMANN, of the city of St. Louis, State of Missouri, have invented certain new useful Improvements in Hat-Fasteners, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part hereof.

My invention relates to an improved hat-fastener; and it consists in the novel features of construction hereinafter described and claimed.

In the drawings, Figure 1 is a top plan view of my improved hat-fastener. Fig. 2 is a side elevation of the same. Fig. 3 is a side elevation of a modified form of my improved hat-fastener. Fig. 4 is a side elevation of a further modified form of my improved fastener. Fig. 5 is a view in perspective of a washer of which I make use in carrying out my invention. Fig. 6 is a view in perspective of an ordinary sailor-hat, the same having my improved hat-fastener applied thereto.

Referring by numerals to the accompanying drawings, 1 indicates the body of my improved hat-fastener, the same being constructed of a suitable length of wire and having its end 2 attenuated. Said body 1 is bent into a single turn or coil 3, and the end of the length of wire opposite from the attenuated end 2 is bent into a vertical plane, the same extending upwardly from the center of the coil 3. Said vertical portion is indicated by the numeral 4, and is provided on its upper end with an ornamental head, such as 5, which may be of any size and form desired. Located upon the vertical portion of the wire 4 and free to move thereon is a metallic washer, such as 6. Located upon the vertical portion 4 and interposed between the head 5 and the washer 6 is a minute coil-spring 7, the same being constructed in conical form, the apex thereof being directly beneath the head 5 and the base thereof resting directly upon the washer 6. In some instances this coil-spring 7 is constructed in the ordinary form, or having the same diameter throughout its length, this form being shown in Fig. 3.

In the modification shown in Fig. 4, the lower end 8 of the conical-shaped coil-spring 7 is brought to the center and looped around the vertical portion 4 of the body of wire. When this construction is used, the washer 6 is dispensed with.

In securing a hat upon the head with my improved fastener, the attenuated point 2 of said fastener is passed through the crown of said hat at any suitable point, and then by properly manipulating the head 5 of the fastener the entire coil 3 of the fastener may be passed to the interior of the hat. A continued movement of the head 5 will cause the coil 3 to engage with the hair. The washer 6 is necessarily located upon the surface of the crown of the hat, and as the coil 3 is caused to engage with the hair, the entire fastener is necessarily moved inwardly or downwardly a slight distance, and in so doing the coil-spring 7 will be slightly compressed. The resiliency of the thus compressed coil-spring serves at all times to hold the hat in proper position upon the wearer's head, and the fastener in proper position relative to the hat.

A device of this character is inexpensive, easily applied, very efficient in use, and possesses superior advantages in point of simplicity, durability and general efficiency.

What I claim is—

1. The combination, in a hat fastener, of a single length of wire having one end bent into a single coil, the ends thereof being attenuated, a suitable head located upon the other end of the length of wire, and a separate coil-spring located loosely to slide upon the length of wire between the coil and the head.

2. The combination, in a hat fastener, of a suitable length of wire having one end thereof bent into a single coil, a head located upon the opposite end, a washer located to slide loosely upon the body of wire between the coil and the head, and a coil-spring interposed between the washer and the head to slide loosely with said washer, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK W. GRUNDMANN.

Witnesses:
MAUD GRIFFIN,
JOHN C. HIGDON.