W. F. MOWRY.

JEWELRY COMPONENT.

APPLICATION FILED AUG. 9, 1915. RENEWED JULY 18, 1916.

1,195,841. Patented Aug. 22, 1916.

Fig. 1

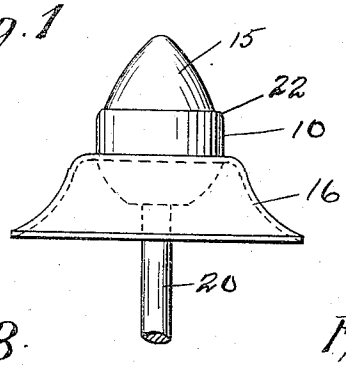


Fig. 2

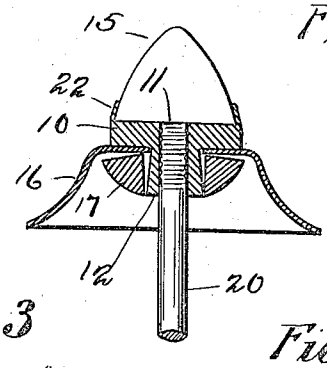


Fig. 8.

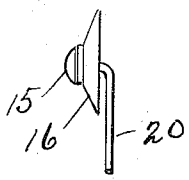


Fig. 3

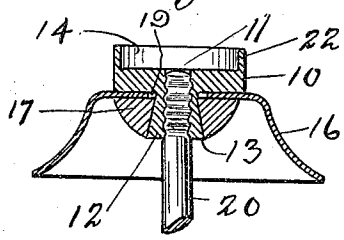
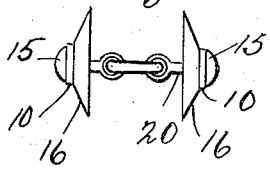


Fig. 9



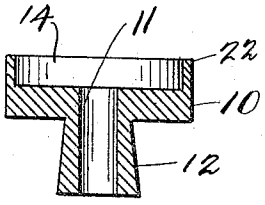


Fig. 4

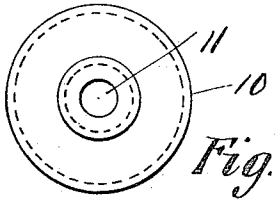


Fig. 5

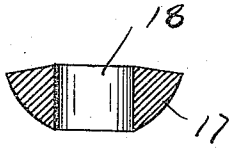


Fig. 6

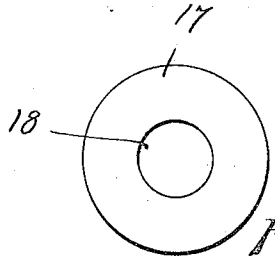


Fig. 7

Witnesses

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UNITED STATES PATENT OFFICE.

WILLIAM F. MOWRY, OF ATTLEBORO, MASSACHUSETTS, ASSIGNOR TO MERIT MANUFACTURING CO., A FIRM COMPOSED OF ANDREW B. FLAG AND WILLIAM F. MOWRY, BOTH OF ATTLEBORO, MASSACHUSETTS.

JEWELRY COMPONENT.

1,195,841. Specification of Letters Patent. Patented Aug. 22, 1916.

Application filed August 9, 1915. Serial No. 44,438. Renewed July 18, 1916. Serial No. 110,006.

To all whom it may concern:

Be it known that I, WILLIAM F. MOWRY, citizen of the United States, and resident of Attleboro, in the county of Attleboro and State of Massachusetts, have invented certain new and useful Improvements in Jewelry Components, of which the following is a specification.

This invention relates to that class of jewelry components which are applicable to hat pins, scarf pins, cuff links, and similar articles and the object of this invention is the provision of such a component that is extremely simple and inexpensive in construction and one in which the body portion and the skirt portion may be formed of different metal and both connected and securely locked together by a single swaging operation and without the application of solder. It is found in the practical construction of articles of this character where one part is of base and the other part of precious metal, to be essential to provide some means whereby one metal may be attached to the other in a secure yet inexpensive manner without the use of solder which is objectionable. Therefore to obtain the desired result in a simple and practical way I have provided a body portion having a hollow hub adapted to receive the pin stem within it, and the skirt and collar on its outside whereby a single swaging operation upon the collar serves not only to lock the skirt and collar to the hub, but also closes the hub about the pin stem, thus securing all firmly together by a single swaging operation and entirely without the use of solder.

With these and other objects in view, the invention consists of certain novel features of construction, as will be more fully described, and particularly pointed out in the appended claims.

In the accompanying drawings: Figure 1.— is a side elevation illustrating my jewelry component as employed in the construction of a hat pin. Fig. 2.— is a sectional view showing the different members of the component in position to be joined by a single swaging operation. Fig. 3.— is a sectional elevation showing the members of the component after having been all permanently locked together by means of a single swaging operation. Fig. 4.— is a sectional elevation showing a detail of the body portion. Fig. 5.— is a view looking at the underside of the said body portion. Fig. 6.— is a sectional side elevation of the locking collar. Fig. 7.— is a top view of the locking collar. Fig. 8.— shows my improved device as applied to a scarf pin. Fig. 9.— shows my improved device as applied to a pair of cuff links.

Referring to the drawing, 10 designates the body portion of my jewelry component which is constructed of suitable metal, and is designed more particularly to be formed in an automatic screw machine. This body is provided with a central hole, aperture or recess 11 and is provided with a reduced and outwardly extending hub 12 which is substantially conical in shape and flaring at its outer end 13, which end is larger in diameter than that portion of the hub where it joins the body. The upper or outer face of this body portion may be made in any suitable form, but it is shown herein as being counterbored or recessed as at 14, providing a bendable flange 22 permitting this body to serve as a box setting for a gem 15 or other ornamentation which may be readily secured therein.

It is found in practice particularly desirable to provide a skirt or ornamental member 16 of thin sheet gold or other precious metal and to connect the same to this body portion without the use of solder. Therefore to accomplish this I have provided, a central opening 19 in this skirt member and have positioned the same on the hub 12 and I have also provided a collar member 17 having a central opening 18 through it, just large enough to receive the hub 12. This collar is constructed of malleable metal, such as soft brass or the like, that is adapted to be swaged or otherwise contracted about the flaring hub 12. In this central opening through the body member, I have positioned the pin stem 20, which is preferably corrugated or otherwise roughened at the point where it extends into the body. After all of these members have been positioned, it is now only necessary to strike one swaging blow on the collar member 17 which will not only close the same about the flaring hub 12, but will at the same time also close the opening in the flaring hub about the roughened stem, so that the skirt, the collar, and the pin are all securely locked to

the body portion by such swaging operation, and without the use of solder. This skirt may be of any desired shape and may be bent into any ornamental design, and its surface ornamented in any suitable manner so as to produce the effect of a pin having a solid gold head, and this with a very thin plate of precious metal, and by this construction, the body portion which may be of base metal forms a very strong and durable member well adapted to receive the strain that a member of this character is called upon to withstand when used in a hat pin, scarf pin, cuff link, or other similar article of jewelry.

I have shown and described one form of jewelry component as applied to a hat pin, but the details of the construction of the device may be varied without departing from the spirit and scope of my invention.

I claim—

1. A jewelry component comprising a body having an integral hub provided with an opening, a stem having one end secured in said opening, a skirt member surrounding said hub and a collar swageably locked on said hub and securely binding together said hub, stem, skirt member and body.

2. A jewelry component comprising a body having a hub provided with an opening, said hub having one portion of a greater diameter than another portion, a stem having a portion fixed within said opening, a skirt member surrounding said hub and a collar swageably locked on said hub and securely binding together said hub, stem, skirt member and body.

3. A jewelry component comprising a body having an integral conical hub provided with an opening, said hub having its smallest diameter at the body, a stem having a portion fixed within said opening, a skirt member surrounding said hub and a collar swageably locked on said hub and securely binding together said hub, stem, skirt member and body.

In testimony whereof I affix my signature.

WILLIAM F. MOWRY.

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