

No. 775,375.

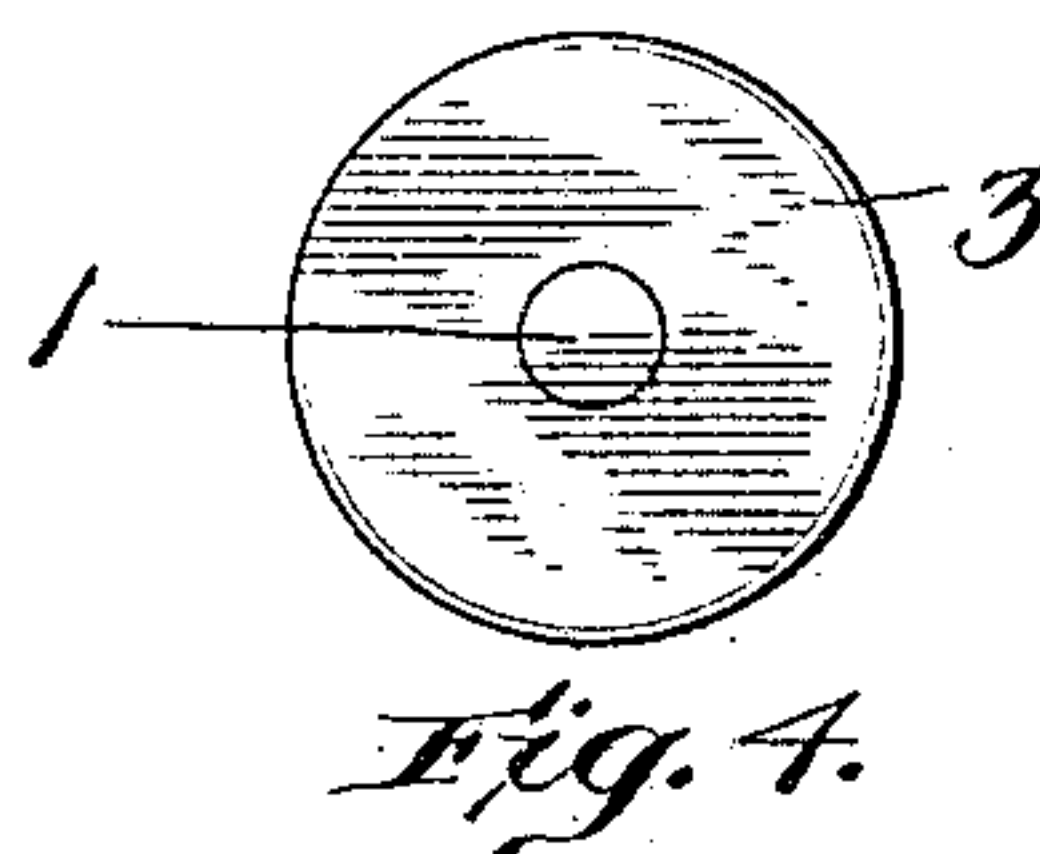
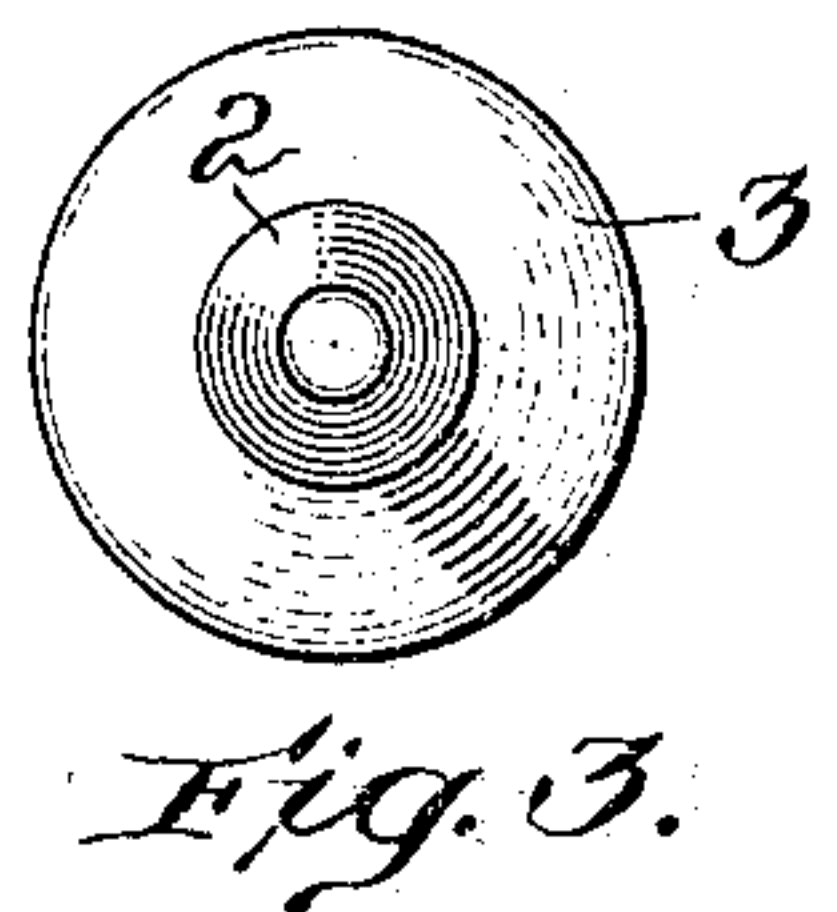
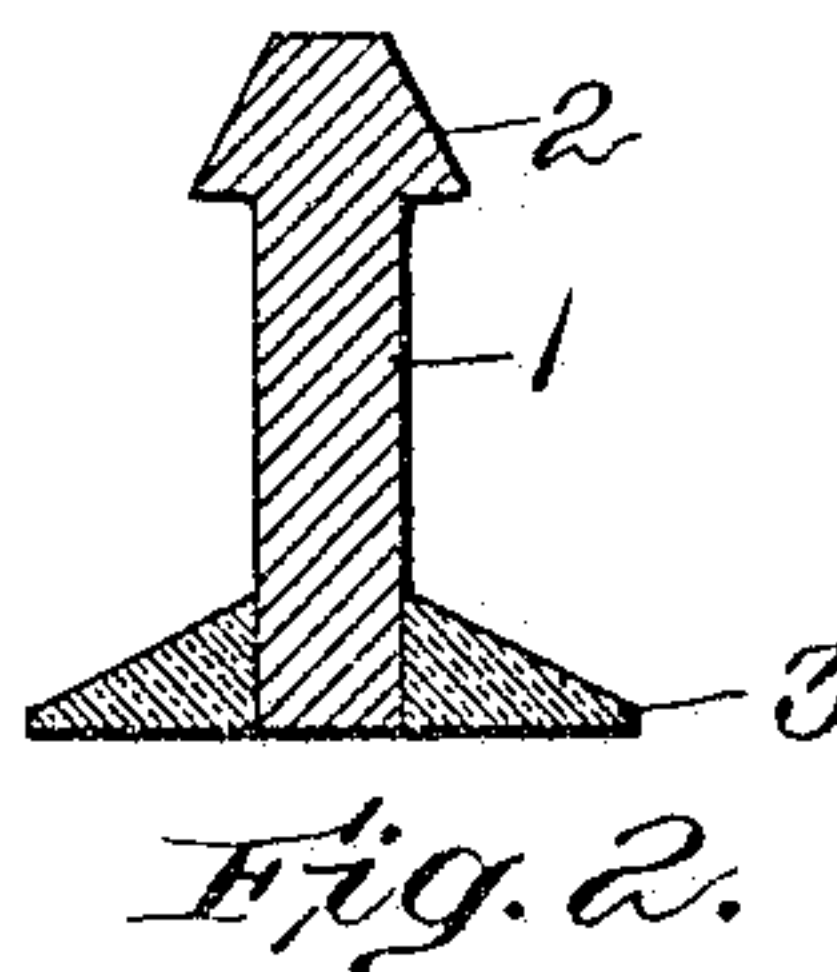
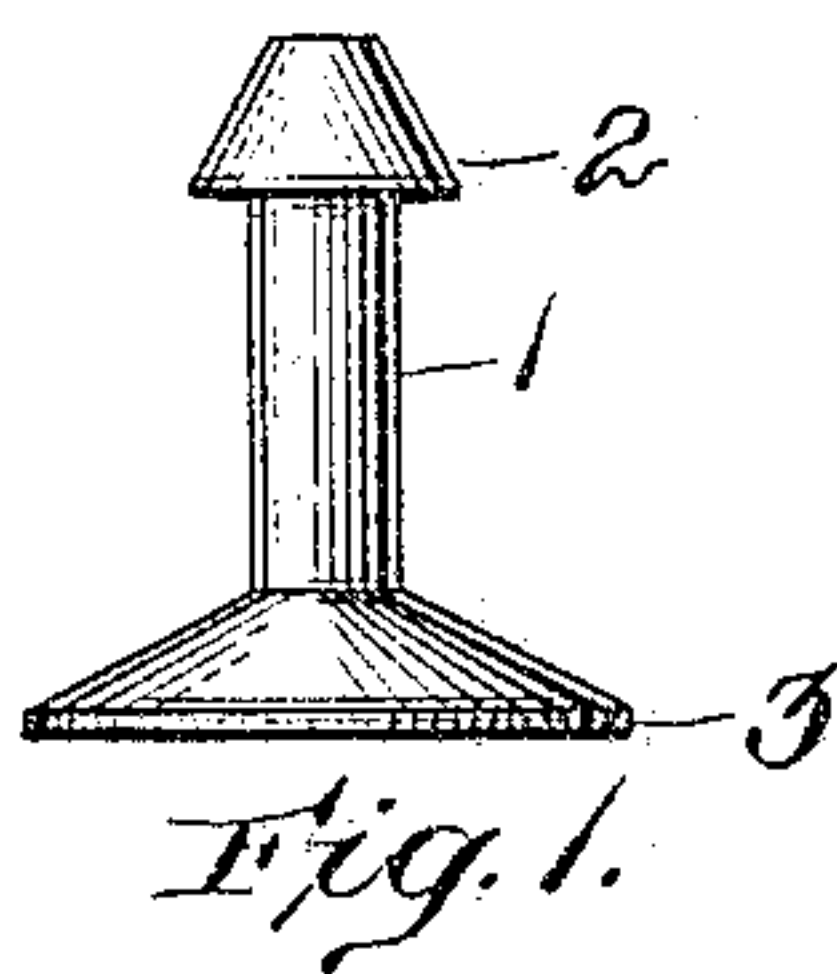
PATENTED NOV. 22, 1904.

S. M. MERRILL.

BUTTON.

APPLIOATION FILED JULY 7, 1904.

NO MODEL.



Witnesses:

Joseph T. Brennan
Arthur F. Randall

Inventor:

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UNITED STATES PATENT OFFICE.

SHERBURN M. MERRILL, OF NEWTON, MASSACHUSETTS, ASSIGNOR TO
MORLEY BUTTON MANUFACTURING COMPANY, OF SACO, MAINE, A
CORPORATION OF MAINE.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 775,375, dated November 22, 1904.

Application filed July 7, 1904. Serial No. 215,594. (No model.)

To all whom it may concern:

Be it known that I, SHERBURN M. MERRILL, a citizen of the United States, and a resident of Newton, in the county of Middlesex and State of Massachusetts, have invented new and useful Improvements in Buttons, of which the following is a specification.

My invention relates to buttons and the like, and more especially to collar-buttons of that class comprising a base or thumb piece at one end of a shank and a head at the opposite end of the shank adapted to be passed through the buttonholes of a collar or band.

Collar-buttons of the class referred to are used very extensively by laundries to unite the ends of the collars or bands of laundered shirts when the latter are returned to their owners, and buttons intended for this use are made as cheaply as possible for the reason that they are thrown away and not used when the shirt is worn by its owner. They must also be strong, so as not to break when pressed through a stiff garment, and must be so fashioned as not to mar a starched article.

My invention has for its object to provide a collar-button particularly adapted to this special use by laundries and one that will be cheaper, easier to make, stronger, and less apt to mar the finish of a starched article than those heretofore proposed.

My improved collar-button is made from two parts—a shank, preferably of metal, formed at one end with a head, and a base or thumb piece made from a plastic material hardened, such as papier-mâché or other fibrous material, preferably molded to shape. Within this base the opposite end of the shank is fastened, preferably by driving it into the base while the latter is in a semi-plastic condition. The result may also be accomplished by compressing the fibrous material or the like suitable composition about the end of the shank when the base is molded.

In the best form of my invention the head of the button is conical or pointed to facilitate passing the head through a buttonhole without marring the finish of the garment.

In the accompanying drawings, Figure 1 is an elevation of my improved collar-button. Fig. 2 is a central longitudinal sectional view of the button shown in Fig. 1. Fig. 3 is a view of one end of the button shown in Fig. 1, and Fig. 4 is a view of the opposite end thereof.

Having reference to the drawings, 1 represents the shank of my improved collar-button, said shank being made from a piece of metal wire upset at one end by a die to form a tapered or conical head 2. The base or thumb piece 3 of the button is of a plastic material, preferably papier-mâché or the like molded to shape, into and through which the plain end of the shank 2 is driven and tightly held, partially by cohesion and partly by friction.

In practice I prefer to paint or coat the whole of the exterior of the button with enamel or the like to give a finished appearance. The metal shank extends clear through the base, thus affording the greatest strength and rigidity, and is faced off at the end flush with the surface of the base.

What I claim is—

1. As a new article of manufacture a button of the class described made up of two parts, comprising the straight solid metal wire shank 1 upset at one end to form a head, and a base 3 of molded plastic material, in which the other end of the shank is embedded by being impaled thereon, whereby the shank is securely held merely by the pressure of the material of the base, substantially as described.

2. As a new article of manufacture, a button of the class described made up of two parts, comprising the straight solid metal wire shank 1 upset at one end to form the tapered or conical head 2, and a base 3 of molded plastic material, in which the other end of the shank is embedded by being impaled thereon, whereby the shank is securely held merely by the pressure of the material of the base, substantially as described.

3. As a new article of manufacture a button of the class described made up of two parts, comprising the straight solid metal wire shank

1 upset at one end to form a head, and a base
3 of molded plastic material in which the other
end of the shank is embedded by being im-
paled thereon, the shank extending completely
5 through the base, whereby the shank is se-
curely held merely by the pressure of the ma-
terial of the base, substantially as described.

Signed by me at Boston, Massachusetts, this
1st day of July, 1904.

SHERBURN M. MERRILL.

Witnesses:

ROBERT CUSHMAN,
JOSEPH T. BRENNAN.