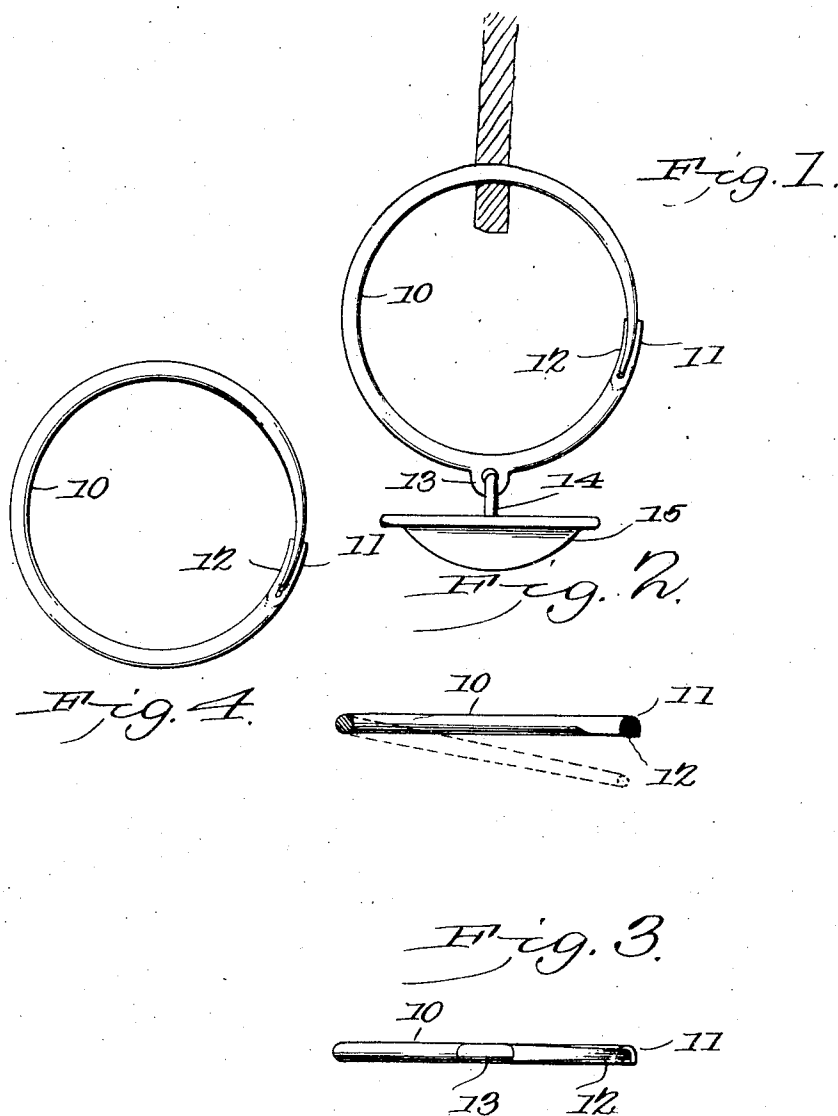


No. 785,857.

PATENTED MAR. 28, 1905.

A. V. CASSITY.
BUTTON LINK.

APPLICATION FILED DEC. 15, 1903.



Witnesses
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UNITED STATES PATENT OFFICE.

ANNA V. CASSITY, OF KANSAS CITY, MISSOURI.

BUTTON-LINK.

SPECIFICATION forming part of Letters Patent No. 785,857, dated March 28, 1905.

Application filed December 15, 1903. Serial No. 185,308.

To all whom it may concern:

Be it known that I, ANNA V. CASSITY, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented a new and useful Spring-Pin, of which the following is a specification.

This invention relates to devices for detachably connecting buttons and similar devices to garments, and has for its object primarily to produce a device of this character in the nature of a spring-pin simple in construction and easily applied to any of the various forms and styles of buttons having eyes or loops and to similar devices and whereby the buttons may be detachably coupled to the garment wherever required.

Another object of the invention is to produce a device of simple construction and which is readily applied to detachably connect two separate garments.

Other objects of the invention will appear in the following description and be specified in the claims following.

In the drawings illustrative of the invention, in which corresponding parts are denoted by like designating characters, Figure 1 is a side elevation applied to a button, and Fig. 2 is a transverse section of the improved device. Fig. 3 is an edge view of the improved device. Fig. 4 represents the improved device in a modified form.

The improved device consists of a bar 10, of resilient material, preferably metal, bent into circular form, with one end provided with an integral socket 11, opening laterally, and the other end pointed, as at 12, and adapted to engage the socket and be yieldably held therein by the resiliency of the bar. The socket will be deep enough to entirely inclose the point 12 and guard and protect it and the end of the socket rounded, as shown, so that when the ends are coupled no parts project to catch upon the garments or surrounding objects. An eye 13 may be formed upon the bar 10 and extended therefrom, as shown, to facilitate the coupling of the device to the eye or loops 14 of buttons 15, as shown.

By this simple device when buttons are to be attached to a garment the point 12 is forcibly

separated laterally from its socket 11 and thrust through the garment where the button is to be applied and the eye or loop 14 of the button threaded upon the member 10 or through the eye 13, as the case may be, and the point 12 released, when the resiliency of the bar will automatically reseal the point in the socket and retain it with sufficient force to prevent accidental displacement. The action is thus very simple, and the device may be applied by any person without previous skill or knowledge. When employed for connecting two separate garments or parts of garments, the pointed end 12 will be simply thrust through both garments and the end released, as before described.

The device may be constructed of any desired size or of any suitable metal and employed for any purpose for which it is applicable and will be found especially adapted to secure buttons detachably upon shirt-waists, vests, and similar garments or for detachably connecting two separate garments or parts of garments, such as dress-shields, to dresses and for similar purposes, and I do not, therefore, wish to be limited in any manner in the use to which the improved device may be applied, and the right is therefore reserved to the use of the device for all purposes for which it is applicable.

Having thus described the invention, what I claim is—

1. A spring-pin consisting of a lap-ring formed from a resilient bar which is tapered from one end to the other to form a pointed terminal capable of piercing the material to which the pin is to be applied, with its larger end provided with a longitudinal socket open at its outer end and also opening laterally throughout its length, the pointed terminal being normally seated in the socket and capable of being sprung laterally out of the same to separate the terminals of the ring for applying and removing the device, and said pointed terminal capable of snapping back into the socket when released.

2. A spring-pin consisting of a lap-ring formed from a resilient bar which is tapered from one end to the other to form a pointed terminal capable of piercing the material to

which the pin is to be applied, with its larger
end provided with a longitudinal socket open
at its outer end and also opening laterally
throughout its length, the pointed terminal
5 being normally seated in the socket and capa-
ble of being sprung laterally out of the same
to separate the terminals of the ring for ap-
plying and removing the device, and said
pointed terminal capable of snapping back
10 into the socket when released, and an eye car-

ried by and projected externally of the ring
for the attachment of a button.

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
the presence of two witnesses.

ANNA V. CASSITY.

Witnesses:

W. B. DICKINSON,

J. E. HARZFELD.