

J. HANEY.

COLLAR FASTENER AND NECK-TIE HOLDER.

No. 188,358.

Patented March 13, 1877.

Fig. 1

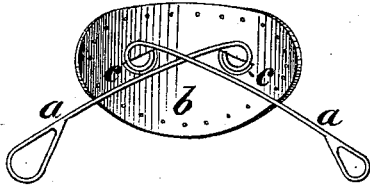


Fig. 2.

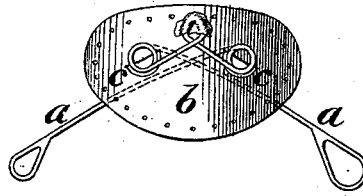


Fig. 3.

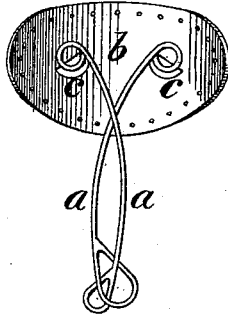
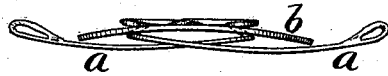


Fig. 4.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## IMPROVEMENT IN COLLAR-FASTENERS AND NECK-TIE HOLDERS.

Specification forming part of Letters Patent No. **188,358**, dated March 13, 1877; application filed January 25, 1877.

*To all whom it may concern:*

Be it known that I, JAMES HANEY, of Allegheny, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Collar-Fasteners and Neck-Tie Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification, in which—

Figure 1 is a rear view of my invention. Fig. 2 is a front view. Fig. 3 is a view showing the arms temporarily interlocked for insertion. Fig. 4 is a plan.

This invention relates to devices for fastening collars, or for the combined purpose of fastening collars and holding neck-ties; and consists in a pair of spring-arms which are passed through the button-holes, and then expand by their own elastic force, a stop for the collar ends, and a suitable plate or foundation for attachment to a neck-tie or other article.

Referring to the accompanying drawings, the essence of my invention consists in two spring-arms, *a a*, either made of one continuous spring-wire or divided. The springing force may be given by coiling; or in any of the well-known ways. I use the continuous form of arms as being most easily constructed. The arms *a* cross each other near their adjacent ends, and the other or outer ends are formed with loops to facilitate insertion and withdrawal, one loop being made large enough for the other to pass through.

To insert the device the arms *a* are pressed together, and guided in such manner that the small loop shall enter the large one, being slightly twisted for that purpose. Once through, its elasticity causes it to press outwardly, and the two arms become temporarily locked together. While in such position, the arms are inserted through the button-holes in the collar ends, and through the hole in the neck-band, after which a slight jar or jostle causes them to fly apart, and thus se-

curely fasten the collar in place and keep it there.

It is obvious that if a neck-tie or other article be attached to the device, it also will be securely retained. For this purpose I attach, by soldering or other means, the spring-arms *a* to a foundation, *b*, of sheet metal or other material, adapted, by means of thread-holes or other means, for attachment to the back of a neck-tie of any kind. This is done in order that the springs shall be held firmly in place.

The specific plate *b* (shown in the drawings) is attached by cutting two slots, *c*, in plate *b*, passing the arms *a* loop foremost through till one coil of the spring is through each slot, then pulling up a little till the edges of the slots are between the coils of the springs, and, while in that position, soldering to the plate the portion of wire intervening between the coils on the front side of plate *b*. However, this particular arrangement may be varied at pleasure.

The arms being bent back upon themselves and smoothly soldered at the junction, no difficulty is encountered in entering or withdrawing from the button-holes. For convenience in the temporary interlocking of the arms, that with the small loop is made slightly longer than the other.

The size, proportions, shape of the plate, or manner of its attachment to the plate, may all be varied without departing from the essence of my invention.

The device is adapted to a brooch or other ornament.

A smart pull upwardly in the line of the plate withdraws the whole device. The curvature of the arms gives them the effect, when in position, of pressing against the shirt-front from within, thus holding all securely, and relieving the wearer from all restraint or uncomfortable pressure, as is the case with buttons.

I claim as my invention—

1. The within-described collar-fastener, consisting substantially of two spring-arms, *a a*, in combination with a plate or base support-

ing the same, and serving as a stop for the collar, substantially as described.

2. The combination of the two spring-arms *a a*, having looped ends, with a plate or base to which they are attached.

3. The combination of the spring-arms *a a*, a stop for the collar ends, and a plate or base to which said arms are secured, the whole adapted for attachment to a neck-tie or other article, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand this 17th day of January, 1877.

JAMES HANEY.

Witnesses:

JOSEPH HANEY,  
T. J. MCTIGHE.