

T. P. MARSTON.

Tag-Fasteners.

No. 134,756.

Patented Jan. 14, 1873.

Fig. 1.

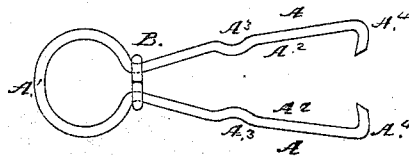


Fig. 2.

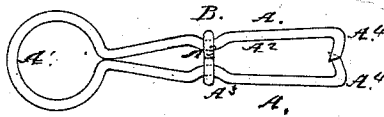
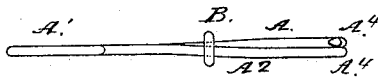


Fig. 3.



Witnesses:

Arnold Hornum.

Wm C Dey

Inventor:

T P Marston
by his attorney J. S. Nelson

UNITED STATES PATENT OFFICE.

THOMAS P. MARSTON, OF NEW YORK, N. Y., ASSIGNOR TO JOHN S. LOUGHERY, OF SAME PLACE.

IMPROVEMENT IN TAG-FASTENERS.

Specification forming part of Letters Patent No. 134,756, dated January 14, 1873.

To all whom it may concern:

Be it known that I, THOMAS P. MARSTON, of New York city, in the State of New York, have invented a certain Improvement in Tag-Fasteners, of which the following is a specification:

It is made of elastic wire, in a form easily manufactured by machinery, with a ring to hold it in the attached condition. It has no hook, but simply clamps upon and penetrates directly through the cloth or other material to which it is attached. It is not essential to its success that it punctures the material at all. I prefer to simply cut off the ends obliquely so as to leave them slightly sharpened, and the action of the fastener simply presses these obliquely-cut ends upon the opposite sides of the material with or without penetrating.

The following is a description of what I consider the best means of carrying out the invention. The accompanying drawing forms a part of this specification.

Figure 1 is a view of the fastener open ready to be applied; Fig. 2 shows the same in the shut condition which it assumes on being secured to the edge of a piece of cloth or other material; and Fig. 3 is a view at right angles to the last.

Similar letters of reference refer to corresponding parts in all the figures.

A is the wire, and B is the ring. I will refer to different parts of the wire portion by the marks A¹, A², &c. The wire part is formed in two symmetrical parts, joined by a large curved part, A¹, which serves as a spring. From this

extend two equal and similar arms, A² A², each with a bend, A³, near its middle length and a sharp turn inward at its end, as denoted at A⁴ A⁴.

To apply it, the device is made to embrace the edge of the goods in the open condition, Fig. 1, and the ring B is slid out to the bend A³ and allowed to rest there, in which position it holds the outer bends, A⁴ A⁴ firmly pressed upon or into the material. To liberate it these motions are reversed.

There have been tag-fasteners with sharp hooks and slip-rings, but they differ substantially from mine in requiring the material to be penetrated. There are some materials, as leather and oil-cloth, rubber fabrics, and the like, which are not easily penetrated, and in many cases a hole would seriously injure the goods. My fastener will hold the tag with sufficient force on all such without puncturing.

I claim as my invention—

The within-described tag-fastener, formed without a hook, having the two equal arms A², with their joining-spring A¹, inward bends A³, and mid-length bends A³, operating in combination with the slip-ring B, as and for the purposes herein specified.

In testimony whereof I have hereunto set my hand this 30th day of July, 1872, in the presence of two subscribing witnesses.

T. P. MARSTON.

Witnesses:

ARNOLD HÖRMANN,
WM. C. DEY.