

C. E. HAYWARD.
Watch-Guard Tip

No. 199,365.

Patented Jan. 22, 1878.

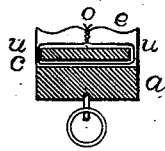


Fig. 1.

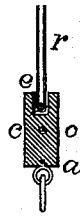


Fig. 2.

Fig. 3.



*J. Shepard Richards
Mark C. Wheaton*

*Inventor
Charles E. Hayward*

UNITED STATES PATENT OFFICE.

CHARLES E. HAYWARD, OF ATTLEBOROUGH, MASSACHUSETTS.

IMPROVEMENT IN WATCH-GUARD TIPS.

Specification forming part of Letters Patent No. **199,365**, dated January 22, 1878; application filed June 25, 1877.

To all whom it may concern:

Be it known that I, CHARLES E. HAYWARD, of the town of Attleborough, in the county of Bristol and State of Massachusetts, have invented a new and useful improvement in tips made of vulcanite, celluloid, horn, metal, or similar substances for guard or vest chains.

My improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

It relates particularly to tips used in combination with ribbons or braid, and to securing such tips firmly and neatly to such ribbons or braids.

In the drawings, Figure 1 represents a sectional view (enlarged) of tips; Fig. 2, a cross-sectional view (enlarged) of tip and ribbon secured together, and Fig. 3 a plan view of tip and ribbon secured together.

In the several figures, *a* represents the tip, made of vulcanite, celluloid, or other substance; *r*, the ribbon or braid; *c*, a perforation through the tip *a*; *e*, a slot in the tip, to receive a fold of the ribbon or braid; *u u*, slots in the sides of the tip, connecting the slot *e* with the perforation *c*; *o*, a fine wire passed through the perforation *c*.

When the tip is completed, as indicated, a

fold of the ribbon is passed into the slot *e*. The two ends of the wire *o* passed through the perforation *c* are then bent into the slots *u u*, respectively, so as to fit tightly in such slots, and such ends are then brought together within the fold of the ribbon or braid, and are there twisted firmly together.

It is obvious that the ribbon or braid will thus be held firmly within the slot *e*, and that the wire *o* will be concealed within the perforation *c*, the slots *u u*, and the fold of the ribbon *r*, as shown in Fig. 2.

I claim as my invention—

1. The watch-guard tip, of vulcanite or other substance, having the perforation *c* and the slots *e* and *u u*, substantially as described, and for the purpose specified.

2. The combination of the watch-guard tip, of vulcanite or other substance, perforated, and having slots, substantially as described, with the wire *o* and the ribbon or braid *r*, for the purpose specified.

CHARLES E. HAYWARD.

Witnesses:

J. SHEPARD RICHARDS,
MARK O. WHEATON.