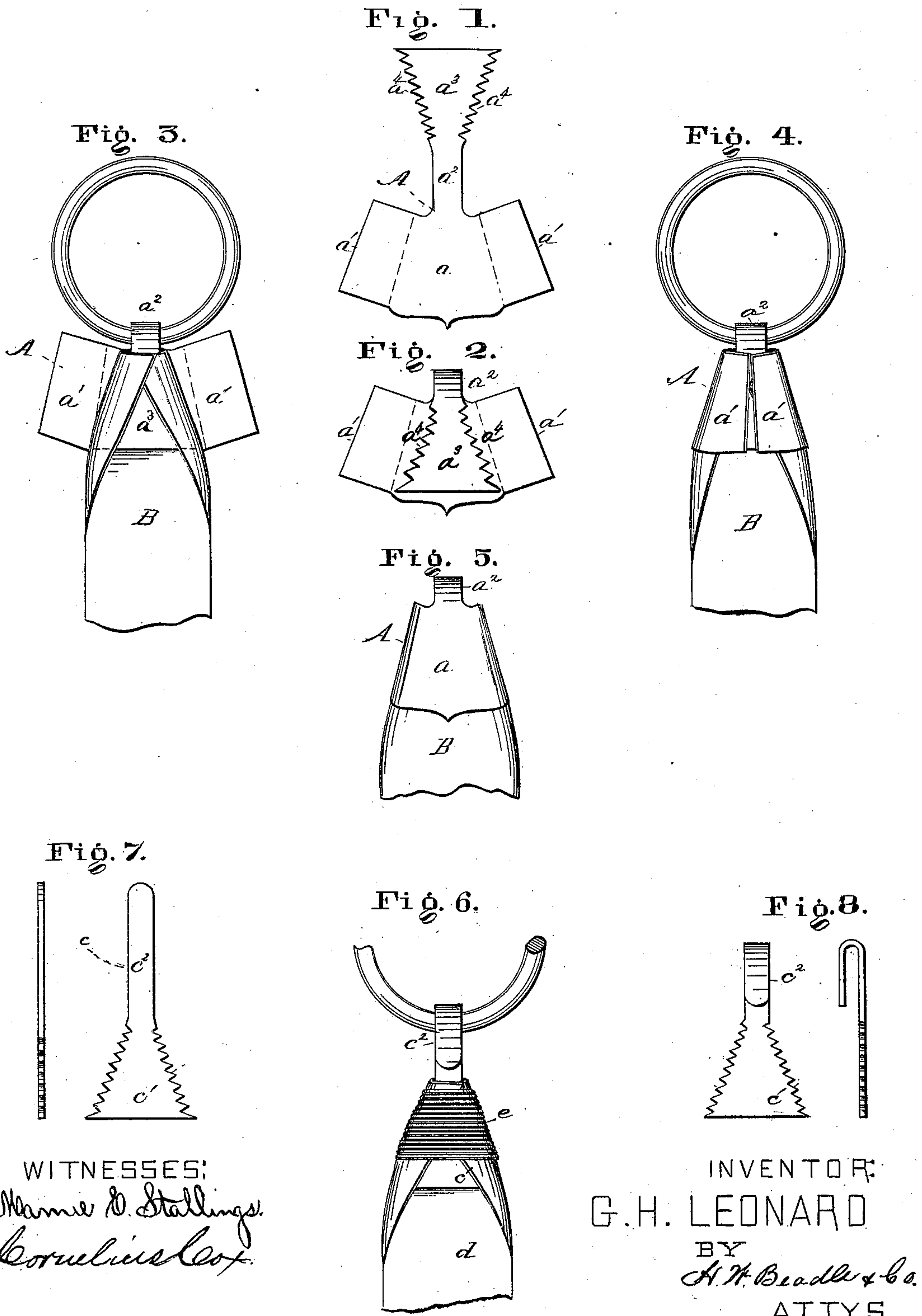


G. H. LEONARD.
CLASP OR FABRIC-HOLDER.

No. 193,337.

Patented July 24, 1877.



UNITED STATES PATENT OFFICE.

GRANVILLE H. LEONARD, OF EAST HAMPTON, MASSACHUSETTS.

IMPROVEMENT IN CLASPS OR FABRIC-HOLDERS.

Specification forming part of Letters Patent No. **193,337**, dated July 24, 1877; application filed July 3, 1877.

To all whom it may concern:

Be it known that I, GRANVILLE H. LEONARD, of East Hampton, in the county of Hampshire and State of Massachusetts, have invented a new and useful Method of Fastening Fabrics to Metal Clips; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawing, and to the letters of reference marked thereon.

This invention consists, mainly, in the combination, with a triangular metal piece, of a fabric end, folded about the triangular portion in a peculiar manner, hereinafter described, and proper means for securing the fabric from unfolding, as will be fully described hereinafter.

In the drawings, Figure 1 represents a plan view of the special form of clip employed in connection with suspender-ends, the same being shown in a flattened condition; Fig. 2, a similar view with the triangular portion bent over to form the loop a^2 ; Fig. 3, a view of the same with the ring and fabric in place; Fig. 4, a similar view with the wings folded over to secure the fabric; Fig. 5, a view taken from the opposite side of the clip, (shown in Fig. 4;) and Figs. 6, 7, and 8, various views of a modified form.

To enable others skilled in the art to employ my improved method of fastening, and to carry it properly into effect, I will proceed to fully describe the same, and the means employed in connection therewith.

A general statement of my improved method of fastening may be made as follows: The metal clip or piece to be attached to the strap or belt of fabric or analogous material is first provided with a triangular portion, preferably having serrated sides. Then the end of the fabric to be attached is placed upon one side of this triangular portion in such manner that its extremity is toward the apex of the triangle, and its corners are folded over and secured to form a pocket, as shown in Figs. 4 and 6.

By this means the parts are so united that they cannot be separated, unless the fabric becomes unfolded, or is cut through and destroyed by the passage of the metal piece.

The special use for which this method has been devised is the fastening of suspender-ends to the intermediate rings or buckles, by means of which they are attached to the other parts.

A, Figs. 1, 2, and 5, represents the metal piece or clip employed for this purpose, which consists, preferably, of a face portion, a , having the wings or flaps $a^1 a^1$, the connecting loop or fold a^2 adapted to receive a ring, buckle, or other proper means of connection, and the triangular portion a^3 having the serrated edges $a^4 a^4$, as shown.

B represents the strap of fabric, leather or analogous material, which it is desired to unite to the metal clip A.

This union is effected by placing the end of the fabric between the face-plate a and the triangular portion a^3 , and then folding the wings or flaps $a^1 a^1$ over upon the triangular portion, as shown in Fig. 4.

By means of this operation the corners of the fabric are folded over the triangular portion to form a pocket, and are strongly held from unfolding.

When thus united it will be seen that the parts cannot be disconnected by strain without causing the triangular portion to pass through the pocket of the fabric, which action cannot take place without tearing through the fabric itself.

A very strong union is thus made between the parts by very simple and economical means.

The form of the clip may be largely varied without departing from the spirit of my invention.

Any suitable fabric or analogous material may be employed for the ends.

A modified form of my invention is shown in Figs. 6, 7, and 8.

c represents a metal piece, having a triangular portion, c^1 , and a hook or other proper fastening device, c^2 . d represents the fabric, which is folded about the triangular portion, as before described. e represents a cord, which is wound about the fabric, as shown, for the purpose of preventing the same from unfolding.

Having thus fully described my invention,

what I claim as new, and desire to secure by Letters Patent, is—

1. In a clasp or fabric holder, the combination, with a triangular metal piece, of a fabric end folded about the triangular portion, with its attached extremity toward the apex of the triangle, and means, substantially as described, for preventing the fabric from unfolding.

2. In combination with the fabric B, the

piece A, having the face portion a , wings a^1 , loop a^2 , and triangular portion a^3 , as described.

This specification signed and witnessed this 29th day of June, 1877.

GRANVILLE H. LEONARD.

Witnesses :

C. B. JOHNSON,

H. W. BEADLE.