G. H. LEONARD.

Clasp for Suspender Ends.

No. 196,588 Patented Oct. 30, 1877.

Fig. 1.

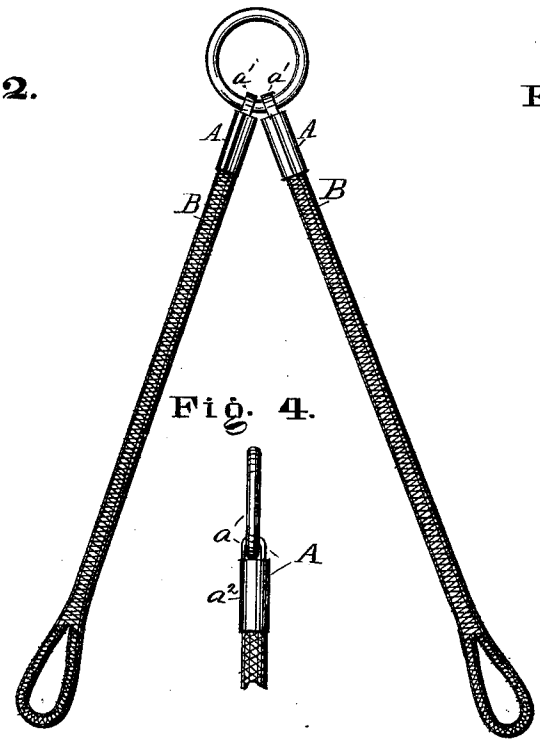

Fig. 2.

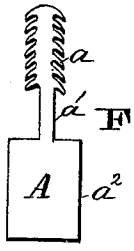

Fig. 3.

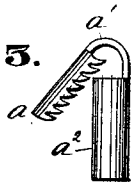

Fig. 4.

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GRANVILLE H. LEONARD, OF EASTHAMPTON, MASSACHUSETTS.

IMPROVEMENT IN CLASPS FOR SUSPENDER-ENDS.

Specification forming part of Letters Patent No. **196,588**, dated October 30, 1877; application filed August 24, 1877.

To all whom it may concern:

Be it known that I, GRANVILLE H. LEONARD, of Easthampton, county of Hampshire, and State of Massachusetts, have invented new and useful Improvements in Clasps or Holders for Suspender-Ends; 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 constructing a clasp or holder of three main portions, one of which is adapted for attachment to the article to be held, another for connection with the ring or other article to which the clasp is to be united, and the third for securing the first in its proper place, so that disengagement from the fabric cannot occur.

In the drawings, Figure 1 represents a suspender-end having my improved holder applied thereto; Fig. 2, a plan view of the blank from which the holder is formed; Fig. 3, a side elevation of the holder before being attached to the ring, and Fig. 4 a partial edge view of Fig. 1.

To enable others skilled in the art to make and use my invention, I will now proceed to describe fully its construction and manner of operation.

A represents a blank of any suitable metal, which is cut and bent in such manner as to form the three main portions $a\ a^1\ a^2$, as shown. The portion a, it will be observed, when ready for use, is semi-cylindrical in form, and its edges are provided with teeth, preferably inclined toward the central portion of the device, for the purpose of better resisting the strain in the opposite direction, and also for holding more perfectly the fabric to which it is applied.

The portion a^1 consists, preferably, of a plain band of metal bent in such manner as to hook over the ring or other article to which the clasp is to be united.

The portion a^2 consists of a rectangular plate, which, when the parts are properly in place, is bent around the fabric and the portion a, for the purpose of securing them in their proper positions relatively to each other, and preventing them from becoming disengaged.

B represents the fabric end, to which the clasp is united.

The manner of uniting the clasp to the fabric will be readily understood. The clasp, having been first properly cut and bent by any suitable means, is slipped into the ring or other article to which the clasp is to be united. The fabric end is then inserted in place in the clasp, and the portion a embedded therein. The portion a^2 is then bent around over the portion a, for the purpose of securing the parts together and holding them against disengagement.

When thus united, it will be understood that the portion a, by means of its teeth, serves to hold the fabric end securely, while the portion a^2 serves to prevent the fabric from becoming disengaged by movement in a lateral direction. A certain relation also exists between the parts.

The diameter of portion a is less than that of the fabric end, and hence, when the parts are united, the serrated teeth upon its edges are firmly embedded in the fabric, and separation cannot occur without destroying the same.

The width of portion a^2 is sufficient to inclose the fabric end, and lap upon or cover the back of portion a, as shown.

This device is specially adapted for suspender-ends, for by means of it the ragged end of the fabric is covered, and a neat and attractive finish obtained. It may, however, be applied to other articles.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The clasp-holder A described, consisting of the semi-cylindrical portion a^2, having serrated edges, and the covering portion a, adapted to hold around end B, as set forth.

This specification signed and witnessed this 17th day of August, 1877.

GRANVILLE H. LEONARD.

Witnesses:

WM. G. BASSETT,

THOS. B. EWING.