

L. J. Worden,
Securing Boot Straps.

N^o 19,227.

Patented Jan. 26, 1858.

Fig. 1

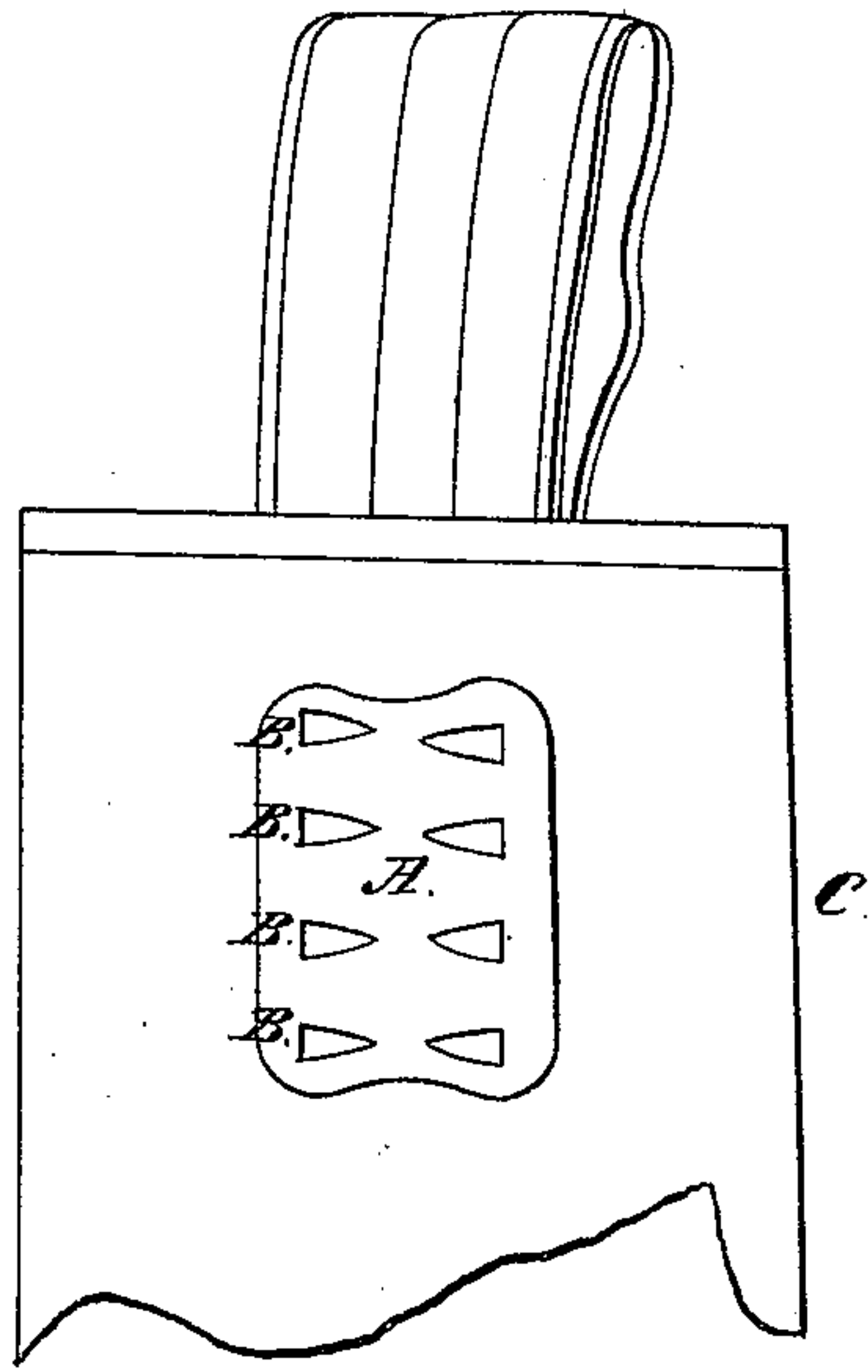
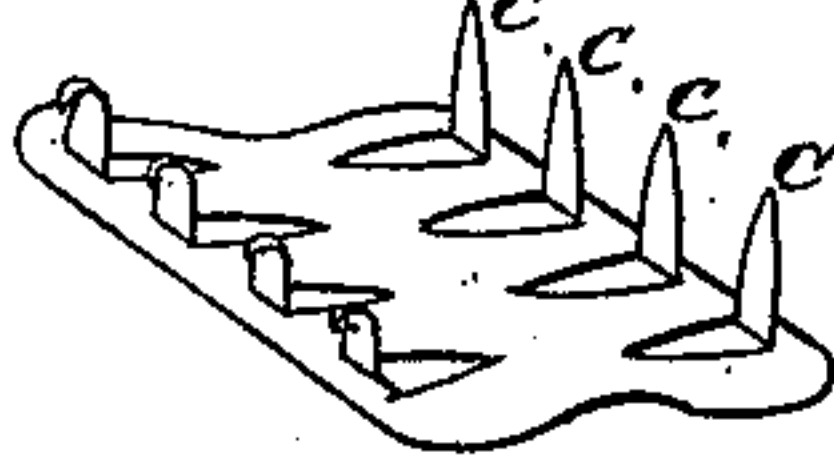


Fig. 2.



Witnesses:
S. B. Hall,
Louis Ransom

Inventor:
Leonard J. Worden

UNITED STATES PATENT OFFICE.

LEONARD J. WORDEN, OF UTICA, NEW YORK, ASSIGNOR TO HIMSELF AND EDWIN L. SWARTWOUT, OF SAME PLACE.

METHOD OF SECURING STRAPS UPON BOOT-LEGS.

Specification of Letters Patent No. 19,227, dated January 26, 1858.

To all whom it may concern:

Be it known that I, LEONARD J. WORDEN, of Utica, in the county of Oneida and State of New York, have invented a new and Improved Mode of Securing Straps upon Boot-Legs; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

The nature of my invention consists in providing a metallic plate or clasp of a peculiar construction by means of which straps are secured upon boot legs in a neat, expeditious and substantial manner without any stitching or sewing whatever.

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

A (Figure 1) is a front view of the metallic plate or fastening (being cut out of sheet-metal) showing the external shape as applied to the boot leg C, also a view of the angular shaped holes B B B B from which the teeth are formed by cutting through the metal on two sides of the tooth by suitable dies or any other equivalent means and then bent down from the back part or root of the tooth when they appear as shown in Fig. 2.

B (Fig. 2) is a perspective view of the plate of full size and turned over showing the teeth C C C C projecting upward from the plate which are placed on the boot leg and driven through both the boot leg and strap, then it is turned over and the teeth are firmly clenched down upon the strap of leather or webbing thus securing the strap in its place in a very firm and substantial manner without the aid of any other appliance whatever, dispensing entirely with the usual labor of stitching or sewing; the outer presentation is then as shown in Fig. 1. It is evident that the clasp may be made of

any desired form or pattern to suit the taste, without changing the nature of the invention, also that the teeth may be formed on the edge of the plate and bent down, but this mode is deemed preferable for several reasons.

Having thus described my invention, its advantages over the common method will be apparent, as it will be seen this mode of fastening diminishes the usual amount of labor and time required on this kind of work and provides a fastening that is cheap of construction, simple in application, and a superior article of manufacture which is very durable, neat and ornamental.

I am aware that metal plates have been used for fastenings in various ways in the constructions of harnesses, carpet bags, book clasps and the like, by rivet pins cast upon the plate, or by riveting on the plate by the use of separate rivets, and that both straps and leathern belting have been fastened by riveting the parts together by the use of separate rivets. I do not therefore claim any such device; but

What I claim as my invention, and desire to secure by Letters Patent, is—

The fastening of straps upon boot legs by the use of the toothed clasp A, as I have described it, formed of a simple flat piece of sheet metal, with the points or teeth by which it is fastened, punched, or projected from the plate by the use of a punch, die, or other equivalent means, which being angular in their shape, and pointed, are at once a substitute for the separate nail or rivet and capable of being driven through the leather and easily clenched on the opposite side.

LEONARD J. WORDEN.

Sealed and signed and executed in the presence of—

GEORGE H. CONGAR,
DANIEL MORGAN.