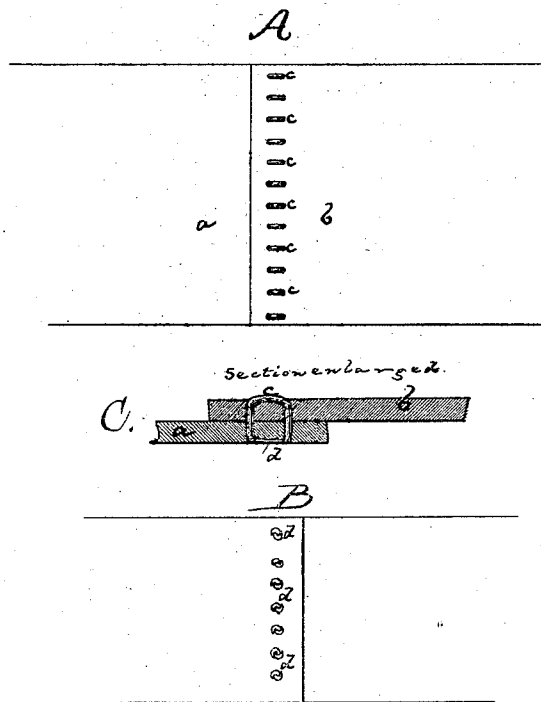


S. W. SHOREY.

Improvement in Seams for Leather-Work.

No. 131,308.

Patented Sep. 10, 1872.



Witnesses.
M. W. Frothingham.
L. H. Latimer,

Samuel W. Shorey.
Inventor.
By his Atty.
Crosby & Gould

UNITED STATES PATENT OFFICE.

SAMUEL W. SHOREY, OF BOSTON, ASSIGNOR TO HIMSELF AND ARZA B. KEITH, OF BRAINTREE, MASSACHUSETTS.

IMPROVEMENT IN SEAMS FOR LEATHER-WORK.

Specification forming part of Letters Patent No. 131,308, dated September 10, 1872.

To all whom it may concern:

Be it known that I, SAMUEL W. SHOREY, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Fastening for Leather-Work; and I do hereby declare that the following, taken in connection with the drawing which accompanies and forms part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

The invention relates to a method of fastening pieces of leather-work.

In my invention I substitute for stitches pegs, nails, rivets, and tacks, small wire staples, the heads of which stand parallel, and the points of which are clinched against the opposite surface of the leather-work.

My invention consists in the use of such staples for uniting pieces of leather-work, or in a leather-work seam in which the parts are united by staples, the heads of which bear against one face of the leather, while the prongs or shanks pass through the pieces and have their protruding points clinched against the inner face of the leather.

The drawing represents a seam embodying my invention, A showing the face of the seam, B the rear side thereof, and C an enlarged section.

a and *b* denote two pieces of leather to be united. *c c* denote the fastenings, each fastening *c* being a metal-wire staple, the prongs

of which are preferably made with sufficient rigidity to enable the staples to be readily driven, and with sufficient ductility to enable them to bend and clinch. The staples are preferably arranged as shown at A, and I prefer to twist the points or parts of the prongs of each staple that protrude through the leather into a helical form, and clinching or crushing the helically-twisted points *d* against the inner face of the leather, as seen at D.

The seam thus made is very strong, is easily formed, the fastenings cannot be drawn out, or the united parts separated, except by breaking the leather or by breaking the fastenings; and no wear is likely to affect either of these results, the staples resisting all strain much more enduringly than nails, tacks, pegs, or stitches.

I claim—

1. The improvement in uniting leather-work or a fastening for leather-work or uppers, consisting of a series of staples, arranged as shown at A.

2. A seam or fastening for leather-work, consisting of staples, the two points of each of which are twisted together and clinched, substantially as shown and described.

Executed this 23d day of May, A. D. 1872.

SAMUEL W. SHOREY.

Witnesses:

FRANCIS GOULD,
M. W. FROTHINGHAM.