C. A. WOODBURY.

Improvement in Instruments for Cutting Leather Lacings.

No. 128,519. Patented July 2, 1872.

Fig. 1.

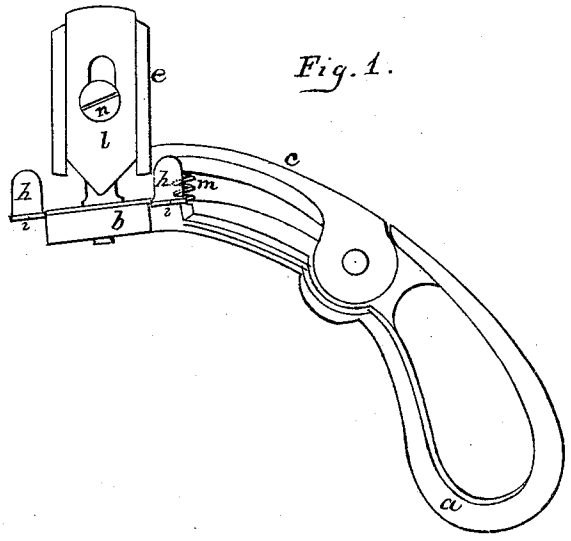


Fig. 2.

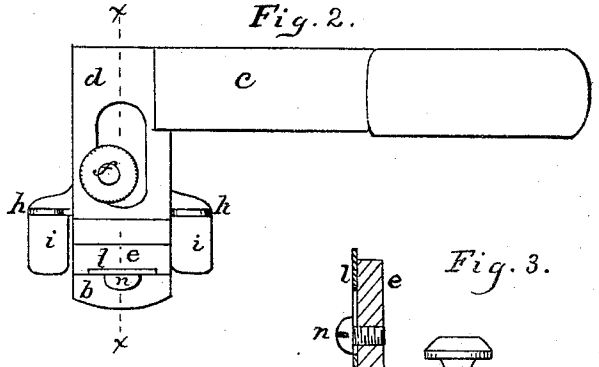


Fig. 3.

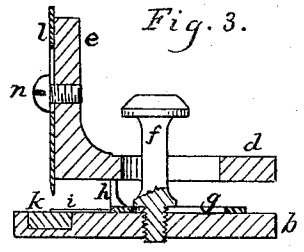
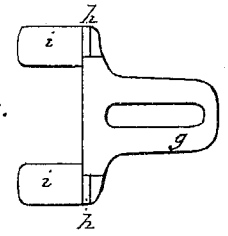


Fig. 4.



Witnesses:

Sydney E. Smith,

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Inventor:

Crayton A. Woodbury

By his attorney Z. C. Robbins

UNITED STATES PATENT OFFICE.

CRAYTON A. WOODBURY, OF WOODSTOCK, VERMONT.

IMPROVEMENT IN INSTRUMENTS FOR CUTTING LEATHER LACINGS.

Specification forming part of Letters Patent No. 128,519, dated July 2, 1872.

To all whom it may concern:

Be it known that I, CRAYTON A. WOODBURY, of Woodstock, in the county of Windsor and State of Vermont, have invented an Improved Lace-Leather Stripper, or hand instrument for cutting leather lacings; and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawing which forms a portion of this specification—

Figure 1 being a side view of said invention; Fig. 2, a top view; Fig. 3, a section in the line *x x* of Fig. 2; and Fig. 4, a view of a portion thereof detached.

The body of said invention is a casting, in one piece, of the required shape to form the handle *a* and the permanent portion *b* of the head of the same, as shown in Fig. 1. The movable portion *c d e* of the head of said invention is a casting of the shape shown in the drawing, and is hinged to the body of the instrument, as shown in Fig. 1. The upper flat and smooth surface of the part *b* of the portion *a b* of my said lace-cutting instrument has a screw-cut aperture near the central portion thereof for the reception of the set-screw *f*, which passes down through a slot in the part *d* of the movable portion *c d e* of the head of the instrument, and also through a slot in the gauge-plate *g h h i i*, which rests upon the aforementioned flat surface of *b*, and which can be retained in any desired position by the said set-screw. Near the outer end of the upper surface of the permanent portion *b* of the head of the instrument a socket is formed for the reception of a piece of wood, *k*, or some other suitable substance for the point of the slitting-cutter *l* to pass into after passing through the leather while in the act of cutting a lacing. The part *c* of the movable portion of the head of the instrument forms a portion of the handle thereof, and is in the proper position to receive the thumb of the user. The spring *m*, whose ends are received into sockets that are respectively formed in the under side of the movable part *c* and the upper side of the handle portion *a*, Fig. 1, serves the purpose of pressing outward the movable part *c d e* of the head of the instrument to the position shown in Fig. 1 when not acted upon by the thumb of the user. The under flat surface of the part *d* of the movable portion of the head of the instrument is immediately over and parallel with the upper flat surface of the part *b* of the permanent portion of the head of said instrument. The part *e* of the movable portion of the head of the instrument projects at right angles from the part *d* thereof, and carries in its longitudinally-recessed face the slotted slitting-cutter *l*, which is secured in any desired position by the set-screw *n*. The width of the lacing to be cut from a side of leather is regulated by such an adjustment of the position of the gauge-plate *g h h i i* as will bring the vertical ears *h h* of said plate to the desired distance from the point of the cutter *l*.

When arranged for use the legs *i i* of the gauge-plate of the instrument are placed under the leather, and the legs *h h* of said gauge-plate are pressed firmly against the edge of the same. Then the user, with his hand firmly grasping the handle of the instrument, drives the point of the cutter *l* into or through the leather by pressing his thumb upon the part *c* of the movable portion of the head of the instrument, and then draws the instrument steadily through the entire length of the side of leather thus operated upon. The soft filling *k* in the socket in the part *b* of the permanent head of the instrument will prevent injury to the point of the cutter *l* when it is driven through the leather into said filling.

I claim as my invention—

An instrument for cutting leather lacings, consisting of the body portion *a b*, the elastically-movable head portion *c d e*, the gauge-plate *g h h i i*, the cutter *l*, and the set-screws *f* and *n* combined with each other, substantially as and for the purpose herein set forth.

In testimony that the aforegoing is a full and clear specification of my improved lace-leather stripper, or hand instrument for cutting leather lacings, I hereunto subscribe my name this 8th day of May, 1872.

CRAYTON A. WOODBURY.

Witnesses:

JOHN H. PINKS,

H. H. WOODBURY.