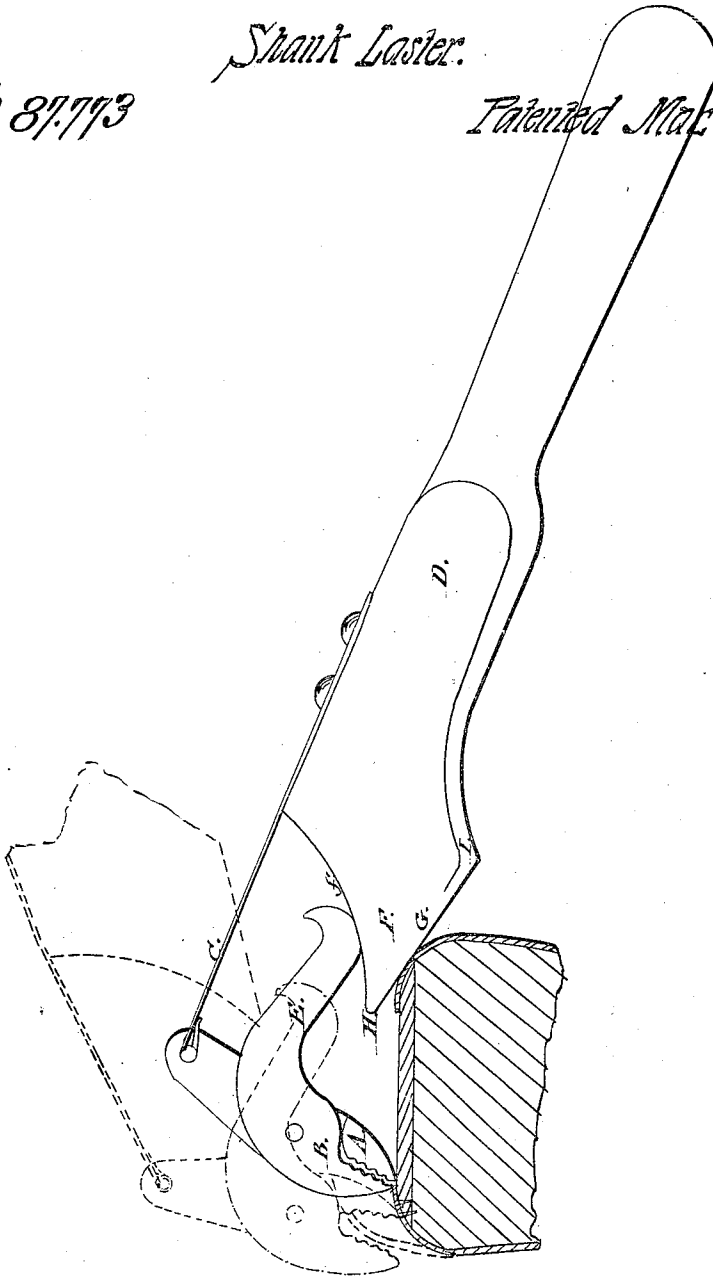


F. Henderson,

Shank Laster.

No. 87,773

Patented Mar. 16. 1869.



WITNESSES:

Fred. Thomas
Chas. F. Brown

INVENTOR:

F. Henderson
per H. W. Beadley
attorney.



FREDRICK HENDERSON, OF MARIETTA, OHIO, ASSIGNOR TO HIMSELF AND ISAAC ATKINSON.

Letters Patent No. 87,773, dated March 16, 1869.

IMPROVED SHANK-LASTER.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, FREDRICK HENDERSON, of Marietta, in the county of Washington, and State of Ohio, have invented a new and improved Shank-Laster; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

This invention is an improvement on that of Steele & Henderson, patented October 22, 1867, No. 70,040, and consists mainly in the employment of a triangular projection, or lever, instead of an eccentric or cam, as will hereinafter more fully appear.

The drawing represents a side elevation of my invention.

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

A and B represent the pincer-jaws, the one marked A being pivoted to the elastic strip of metal C, which is secured to the handle D; the other, B, being provided with the arm E

These details, being similar to those of the preceding patent, need not be particularly specified.

Instead of the cam or eccentric, which forms a part of the invention referred to, I employ the projection

F, which is provided with the concave face *f*, on which the end of the arm E slides.

This construction is found by experience to be preferable to the old, inasmuch as the eccentric lever is liable to slip on the upper leather, while, by my construction, the slightly concave surface G, between the projections H and I, effectually obviates such difficulty. The concave face *f* is also of great advantage.

When the jaws are opened, and the leather placed therein, the end of arm E is passed over the point H, where it is pressed against the face *f* by means of the spring C, and the hold on the leather is rendered extremely secure.

Having thus fully described my invention,

What I claim as new, and desire to secure by Letters Patent of the United States, is—

The jaws A B and spring C, in combination with the projection F, consisting of the concave faces *f* and projections H and I, arranged and operated substantially as and for the purpose set forth.

This specification signed and witnessed, this 16th day of January, 1869.

FREDRICK HENDERSON.

Witnesses:

HENRY BOHL,
A. F. WARD.