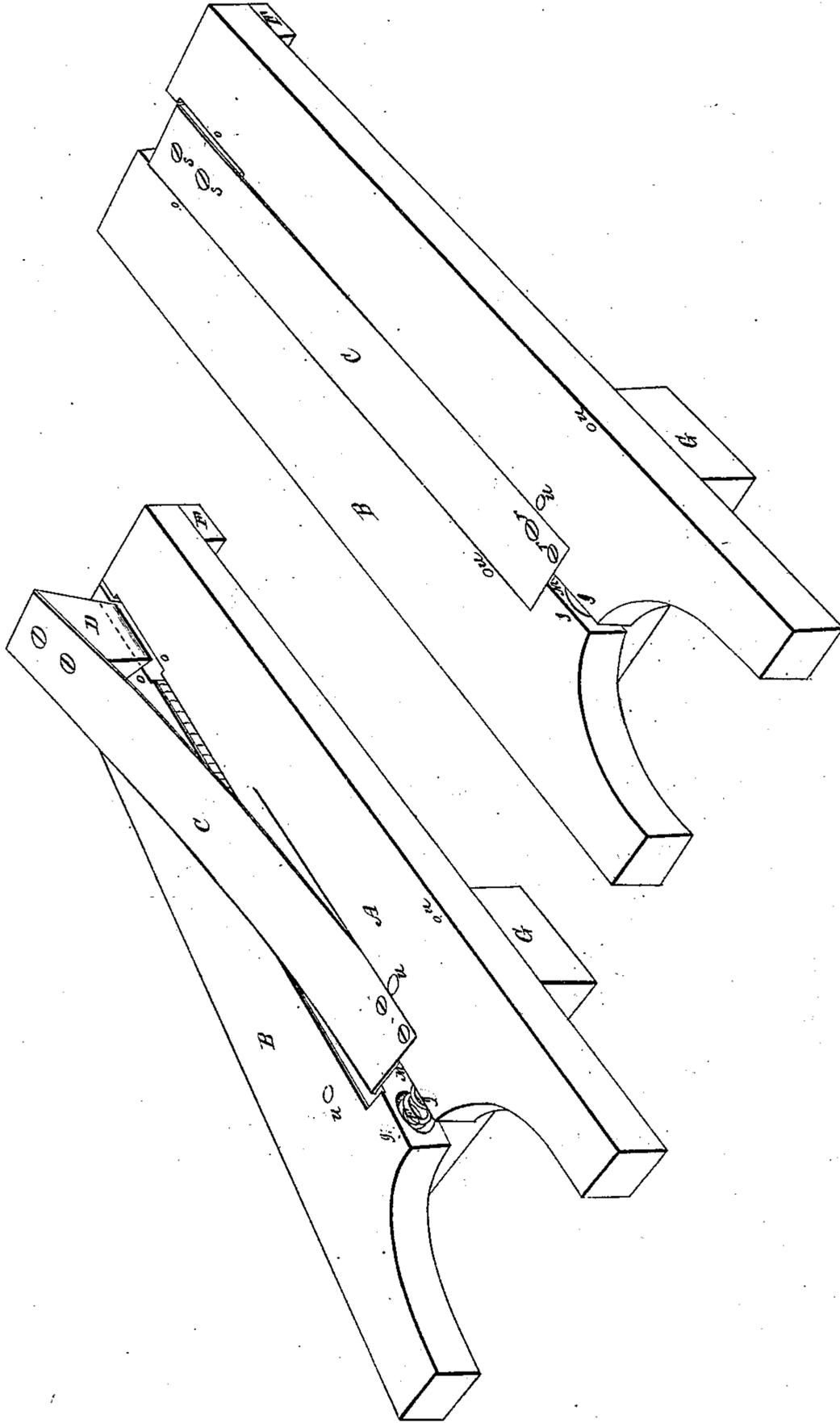


F. J. French,

Boot Jack,

N^o 13,002.

Patented June 5, 1855.



UNITED STATES PATENT OFFICE.

FRANKLIN J. FRENCH, OF WHITINGHAM, VERMONT.

BOOT-JACK.

Specification of Letters Patent No. 13,002, dated June 5, 1855.

To all whom it may concern:

Be it known that I, FRANKLIN J. FRENCH, of Whitingham, in the county of Windham, the State of Vermont, have invented a new and useful Machine for Holding Boots to be Drawn Off, which I call Spring Boot-jack; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Letters A and B represent the platform or inclined plane in two sections about fourteen inches long and seven-eighths of an inch thick made of wood straight on the edges except about four inches at one end, which end is shaped out on a circle to receive the heel of a boot, the part B of the platform acting as a lever so as to clamp or clasp the heel of the boot when the spring wedge D is pressed down, hereafter described.

2d. The hinge which is made of iron about three inches long five eighths of an inch wide and three sixteenths of an inch thick, with three holes, two holes at one end and one at the other, and is a straight piece of iron which enters a hole at M on the edge of the platform A, and also enters another hole in the corresponding part of the platform B directly under M, and is fastened by two screws entering two holes in the cleat marked G and pass through this cleat and the iron hinge and through the platform at *u, u*, on each section. The holes in the sections of the platform that receive this iron or hinge are mortised some wider than the iron or hinge, to allow the sections of the platform to move out and back horizontally.

3d. The letter E represents a spiral spring made of iron wire bent on a circle of half an inch and about two inches long after bent. This spring is to close the jack ready for use and enters a hole in the platform A at or under the letter J. This hole is about half an inch deep and five eighths of an inch in diameter. The other end of this spring enters a hole of the same dimensions directly under J on the corresponding part of section B of the platform.

4th. The cleat marked G is made of wood about four and a half inches long two inches wide and one inch and one eighth thick. This cleat is to raise the platform sections

A and B from the floor of a room to a proper height to receive the heel of a boot and is fastened to the platform sections by the screws as represented at *u, u*; on the platform also one screw more at one corner of this cleat marked *u*. The hole in this cleat open is for the purpose of shifting one of the screws at *u*, to this hole to extend the two sections of the platform for different sizes and one of the holes in the iron hinge is for the same purpose of altering the size.

5th. The cleat marked F is fastened on to the section of the platform marked A with two screws entering two holes in the cleat F and through the section of the platform A. This cleat is to support the end of sections B of the platform and allow it to slide out and back horizontally. This cleat is made of wood as long as the platform sections are wide where it is fastened on and about half an inch thick and one inch and three fourths wide.

6th. The wedge marked D, is made of wood about one inch and one eighth thick and one inch and three fourths long where it applies to the spring C; in depth about one inch and one fourth. This wedge is to pass in between the two sections of the platforms A, and B, at *o, o*, there being a small notch cut off the corners of these two sections at *o, o*, to allow the wedge to enter. As this wedge is pressed down or in between these two sections it opens them and closes the other end around a boot at the heel.

7th. The spring marked C, is made of sheet steel about eight inches long and one inch and one eighth wide and one sixteenth thick. This spring is for the purpose of holding the wedge in a proper position for use and is fastened to the wedge D, with two screws entering the spring at *s, s*, and the wedge also. The other end of this spring is fastened on to the section A, of the platform with two screws entering the spring *r, r*, and the platform A also directly under.

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

The spring wedge D in combination with the lever B and spring E, or their equivalents and arranged substantially in the manner and for the purpose set forth above.

FRANKLIN J. FRENCH.

Witnesses:

C. W. CARLEY,
DANL. E. HUTCHINS.