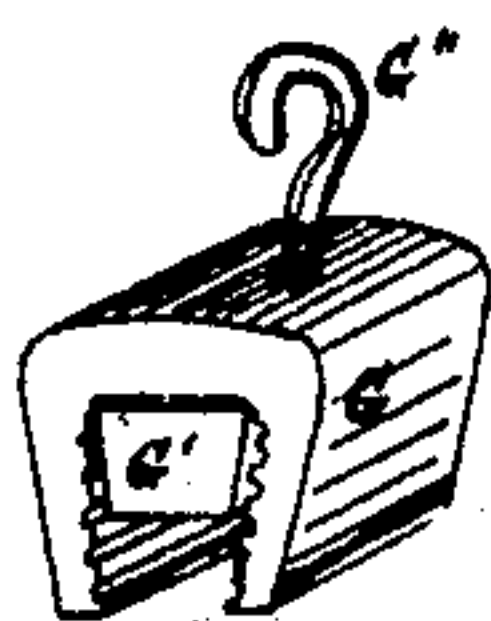


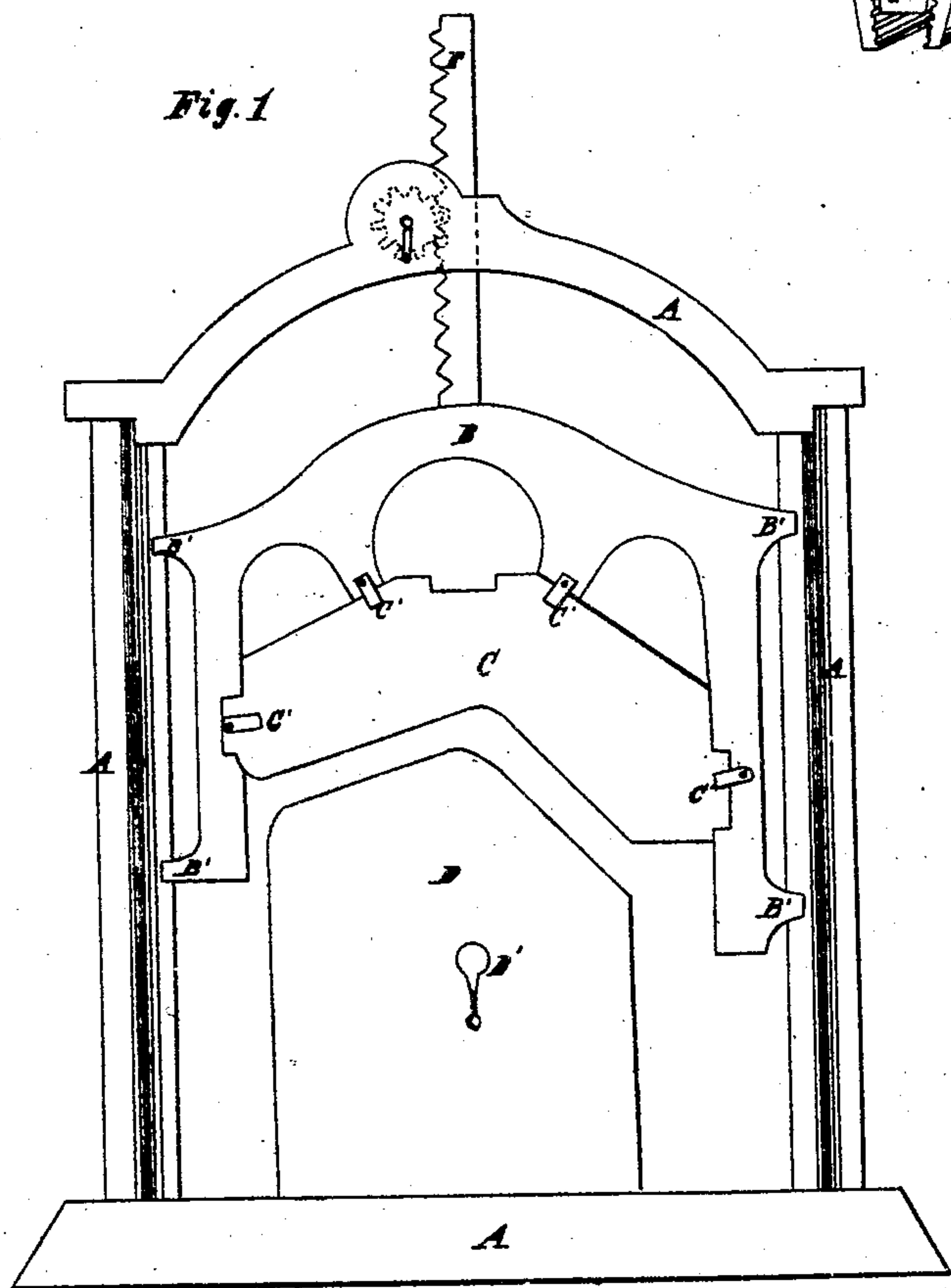
*J. A. Nisbit*  
*Boot Crimper*

*No 75186*

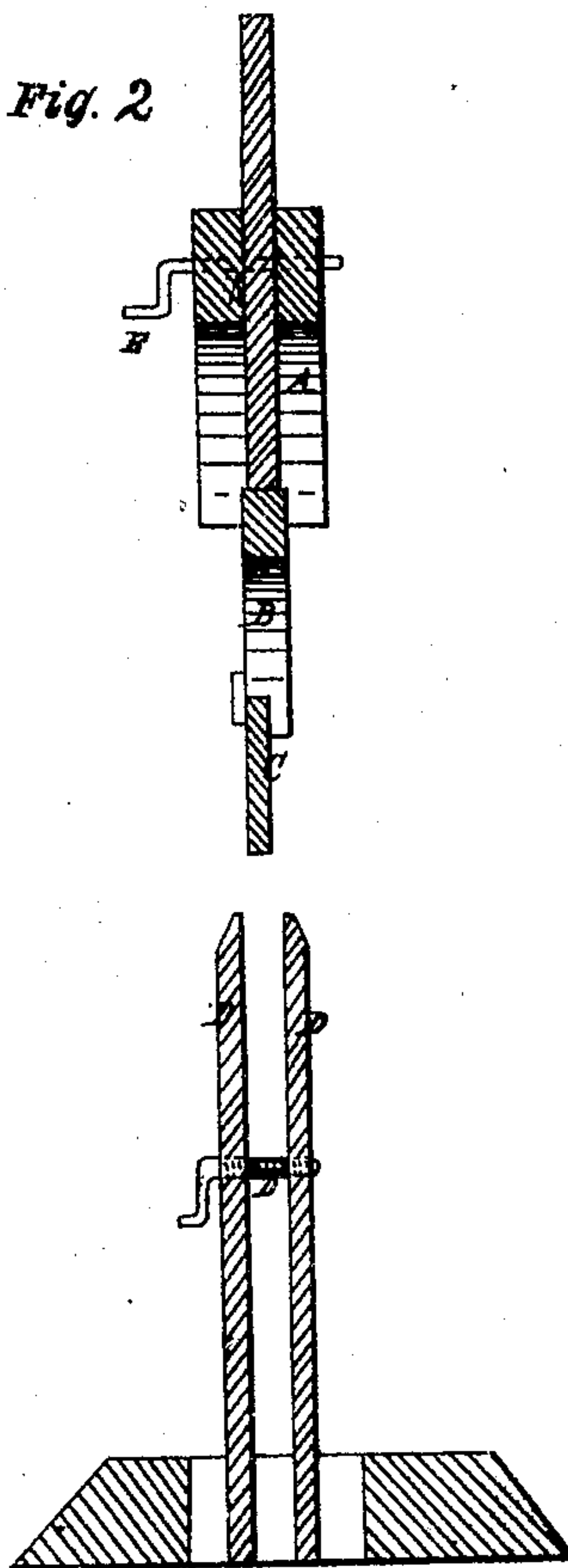
*Patented March 3, 1868*



*Fig. 1*



*Fig. 2*



WITNESSES.

*B. H. Sprague*

INVENTOR.

*J. A. Nisbit*

*by*  
*D. O. Hollway & Co*  
*Chas. A. Type*

# United States Patent Office.

JOHN A. NESBIT, OF CHARLOTTESVILLE, INDIANA

*Letters Patent No. 75,186, dated March 3, 1868.*

## IMPROVEMENT IN BOOT-CRIMPING MACHINE.

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, JOHN A. NESBIT, of Charlottesville, in the county of Hancock, and State of Indiana, have invented a new and useful Improvement in Machines for Crimping Boots; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a side elevation.

Figure 2 is a vertical transverse section through the middle; and

Figure 3 is the clamp.

The same letters are employed in both figures for indicating the same parts.

My improvement consists in combining with a crimping-machine a detachable crimping-brake, upon which the leather is attached while in the machine by means of clamps.

The following description will enable persons skilled in the art to construct and operate my improved boot-crimping machine.

A is the frame, the sides of which have on their inner faces ways, upon which the guide B may slide up and down. This guide has four bearings grooved to fit the ways. It sustains the crimping-brake C, which is attached to it by the catches C'. The lower part of the crimping-brake is formed in the shape required for the front part of the boot. The leather to form the boot-front is placed on the jaws D, which are adjusted to the proper distance from one another by means of a screw, D', passing through them, and turned by a winch. When the leather is in place, the crimping-brake C is forced down upon it by means of a winch, E, turning a pinion, operating a rack, F, attached to the guide-frame, and passing through the top of the frame A, through which the shaft of the pinion passes also. When the leather has been pressed between the jaws to the proper distance to form the boot-front, it is attached to the crimping-brake by the clamps G, and when secured, the crimping-brake is raised by reversing the action of the pinion and rack, and the crimping-brake, with the leather attached, removed from the machine and set aside to dry. Another crimping-brake must be substituted, if necessary, to crimp other fronts.

The clamps G are constructed as follows: The outer part of the clamp is a jaw, in the form of the letter U, the inner faces being inclined towards one another at the points, and corrugated to give a firmer hold on the leather. Within the jaw is a wedge, G<sup>1</sup>, of such size as to leave space on each side for the thickness of the leather between it and the yoke. The wedge is held in place by a screw, G<sup>2</sup>.

The edges of the leather being placed in the jaws on each side of the wedge, and the latter pressed down against it, it will be seen that the strain of the leather, as it shrinks in drying, will only cause the clamps to adhere more firmly. In order that the clamps may be more conveniently affixed to the leather on the crimping-brake, the guide B is cut away, as shown in the drawings in fig. 1, to give access to the edges of the leather.

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

1. The guide B, sliding on ways attached to the frame A, and so cut away on the lower edge that the clamps may be attached to the edges of the leather while on the brake and under pressure, and used in combination with removable brake C, adjustable jaws D, and clamps G, substantially as described.

2. The arrangement of the reciprocating guide B, ways A, removable brake C, winch E, and pinion and rack F, substantially as and for the purpose set forth.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

Witnesses:

JOSIAH S. McNUTT,

JOHN H. HOPPER.

JOHN A. NESBIT.