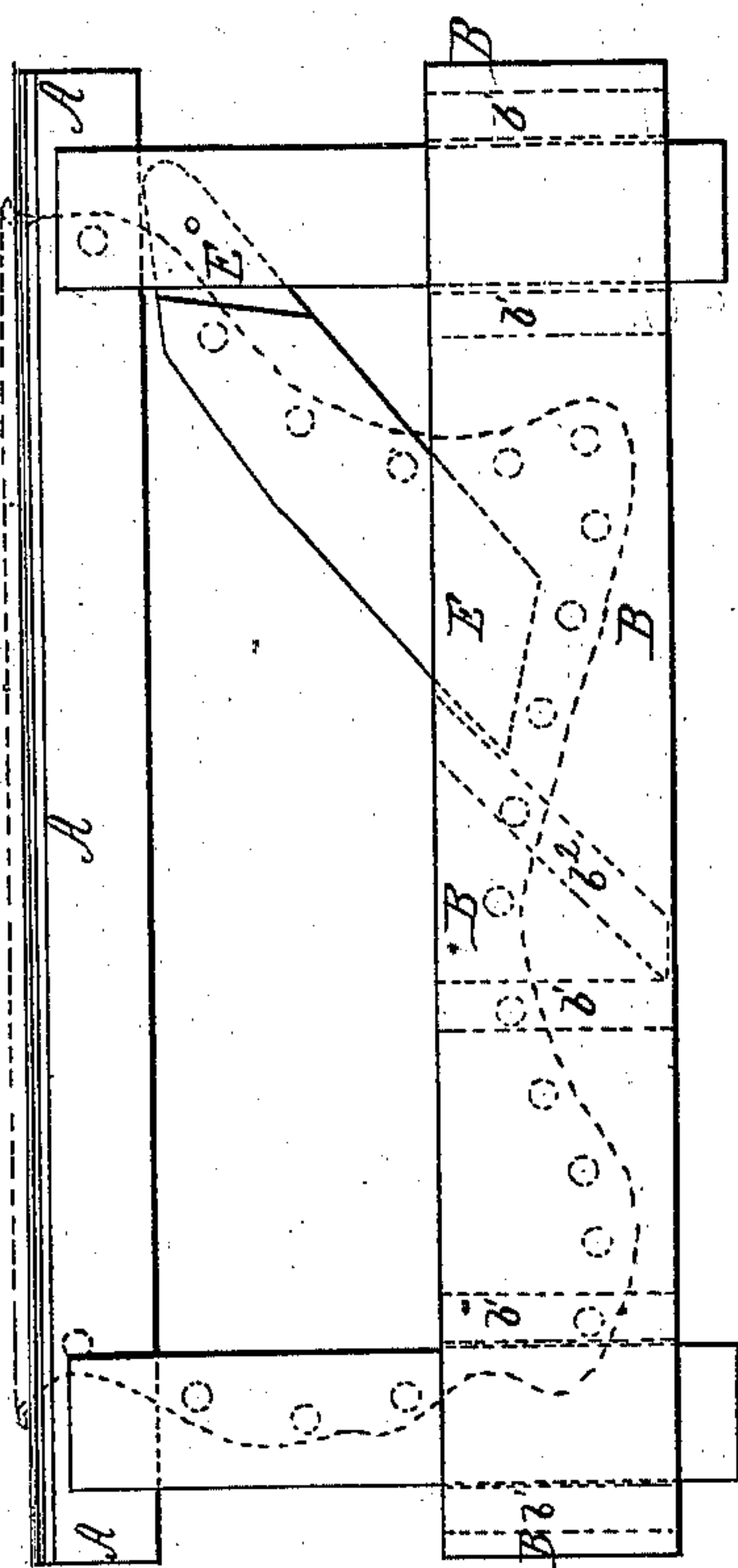


*I. W. Dawson,*

*Stretching Leather.*

*N<sup>o</sup> 66,131.*

*Patented June 25, 1867.*



*Witnesses:*

*Wm. Green*

*Ed. Blockley*

*Inventor:*

*I. W. Dawson*

*Per Munn &*

*Attorneys*

# United States Patent Office.

ICHABOD W. DAWSON, OF NEWARK, NEW JERSEY.

*Letters Patent No. 66,131, dated June 25, 1867.*

## IMPROVED FRAME FOR STRETCHING WET LEATHER.

*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, ICHABOD W. DAWSON, of Newark, in the county of Essex, and State of New Jersey, have invented a new and improved Frame for Stretching Wet Leather; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The figure is a side view of my improved stretching-frame, showing in red lines a hide extended thereon.

My invention has for its object to furnish an improved frame upon which the hides may be extended for drying, which shall be so constructed that the hides, after being extended upon the frame, may be stretched so as to bring out all the wrinkles, folds, &c., leaving the surface of the leather smooth and better prepared for the subsequent operations; and it consists in the combination and arrangement of the different parts of the frame as hereinafter more fully described.

A and B are the longitudinal bars of the frame. The bar A is single, and has two cross-bars, C and D, securely attached to it near its ends. The longitudinal bar B is made double, the parts being kept at a proper distance apart to receive the cross-bars C and D by strips,  $b^1$ , to which the said parts are attached. E is an arm, the upper end of which has a tenon formed upon it which is pivoted in a slot in the end bar D. The bar or arm E passes down in an inclined position, and enters the space between the parts of the bar B, and rests against an inclined bar,  $b^2$ , placed between and secured to the said parts of the said bar, as shown in dotted lines in the drawing. The hides, when tanned and ready to be dried, are placed upon the frames, their edges being tacked or otherwise secured to the bars of the frame, the edges of the neck or forward part being tacked to the inclined bar E, as shown in red in the figure. The longitudinal bars A and B are then forced apart by ordinary jack-screws placed between the ends of the said bars, or by any other convenient means. As the bars A and B are forced apart the inclined piece  $b^2$  forces the arm or bar E forward, so that the leather will be stretched in both directions, leaving its surface free from folds and wrinkles, and perfectly smooth, thus being in a much better state to receive the subsequent operations.

I claim as new, and desire to secure by Letters Patent—

The combination and arrangement of the longitudinal bars A and B, cross-bars C and D, inclined pivoted bar E, and inclined stationary bar  $b^2$ , with each other, substantially as herein shown and described, and for the purpose set forth.

ICHABOD W. DAWSON.

Witnesses:

FRED. WINANS,

WILLIAM H. GARRISON.