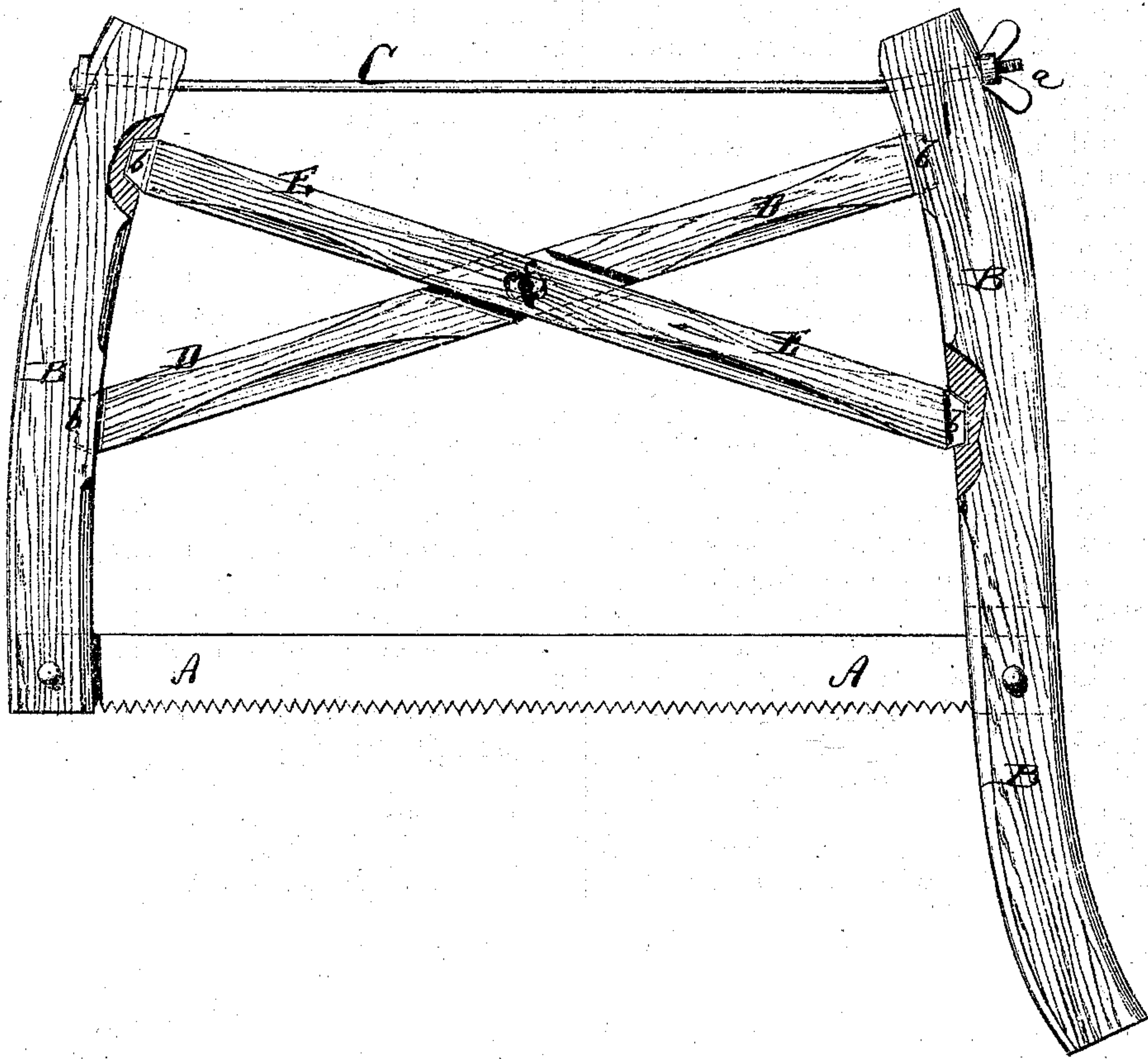


W Hankin, Buck Saw.

No. 120,157.

Patented Oct. 24, 1871.



Witnesses:

Edgar Tate
Prot. Brooke

Inventor:

W Hankin
PER *Wm M*
Attorneys.

UNITED STATES PATENT OFFICE.

WILLIAM HANKIN, OF WILLIAMSBURG. NEW YORK, ASSIGNOR TO HIMSELF,
WILLIAM H. HANKIN, AND H. W. PEACE, OF SAME PLACE.

IMPROVEMENT IN BUCK-SAW FRAMES.

Specification forming part of Letters Patent No. 120,157, dated October 24, 1871.

To all whom it may concern:

Be it known that I, WILLIAM HANKIN, of Williamsburg, in the county of Kings and State of New York, have invented a new and Improved Buck-Saw; 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 drawing forming part of this specification, in which the drawing represents a side view, partly in section, of my improved buck-saw.

My invention relates to improvements in buck-saws; and consists in the construction and arrangement of the braces of the frame, as will be hereinafter specified.

A, in the drawing, represents the saw-blade, secured with its ends to the side pieces of the frame B. C is the screw-rod connecting the upper ends of the side pieces of the frame. A nut, *a*, is applied to one end of the rod C to adjust the upper ends of the frame more or less far apart. Instead of the nut on the end a right-and-left nut may be used in the middle of a divided rod with equal effect. D and E are two diagonal braces, which cross each other above the middle of the saw-blade, and which have tenons *b* at their ends that are inserted in mortises of the

frame, as shown. By the diagonal braces the frame B is so stayed that its side bars will, by shortening the rod C, be spread apart at the lower ends to strain the saw, and that at the same time the bars will be sustained in the strained position. A pin, *c*, is fitted through slots in the braces D E, where the same cross each other, as shown. This pin serves to unite the braces and to equalize their motions, the slots allowing the variations of angles at the crossing produced by more or less straining the saw.

I am aware that buck-saw frames have heretofore been provided with braces fixedly connected at the middle of their length; but my invention does not pertain thereto.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent—

In the buck-saw frame, the braces D E crossing each other diagonally and united at their intersections by the pin *c* working in elongated slots to allow them to slide upon each other, as specified.

The above specification of my invention signed by me this 10th day of January, 1870.

WILLIAM HANKIN.

Witnesses:

GEO. W. MABEE.

ALEX. F. ROBERTS.

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