

C. Majer,

Hand Saw.

No. 10,481.

Patented Apr. 5. 1870.

Fig. 1.

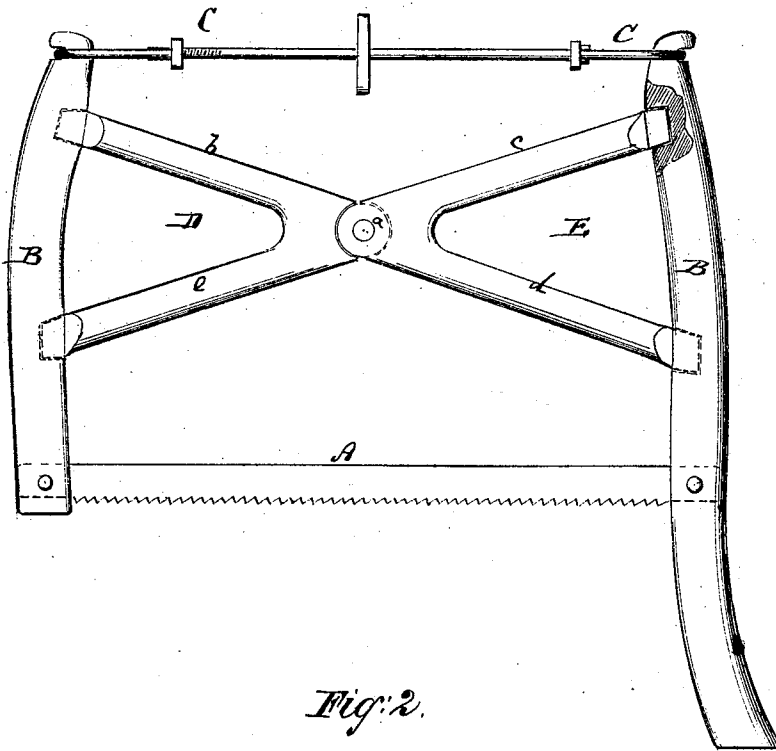


Fig. 2.



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United States Patent Office.

CHARLES MAJER, OF WILLIAMSBURG, NEW YORK.

Letters Patent No. 101,481, dated April 5, 1870.

IMPROVEMENT IN SAW-FRAME.

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, CHARLES MAJER, 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.

Figure 1 represents a face view of my improved buck-saw.

Figure 2 is a horizontal section of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new bracing-mechanism for buck-saws, and consists in the application to the saw-frame of two V-shaped bracing-frames, which are at the junction of their arms pivoted together, to be thereby made adjustable, as hereinafter more fully described.

A in the drawing represents the saw, secured at its ends to the side-bars B B of the saw-frame.

The upper ends of these bars B can be drawn more or less close together, by means of a cord or screw-rod, C.

D E are two V-shaped frames, made of wood, metal, or other suitable material.

Their inner ends are tenoned and fitted into mortises of the bars B B, while at the junctions of their arms they are pivoted together by a pin, *a*, as shown.

When the cord or rod C is shortened, the upper arms *b c* of the frames D E will be swung up, to be brought more in line with the respective lower arms *d e* of the same.

The arms *b d* and *c e* constitute, therefore, a pair of diagonal braces, by which the saw will be properly strained and steadied.

Having thus described my invention,

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

The V-shaped frames D E, pivoted together and fitted into the frame of a buck-saw, substantially as herein shown and described, and for the purpose specified.

CHARLES MAJER.

Witnesses:

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