

A. LACHAPPELLE.

Improvement in Circular-Saw Tables.

No. 131,549.

Patented Sep. 24, 1872.

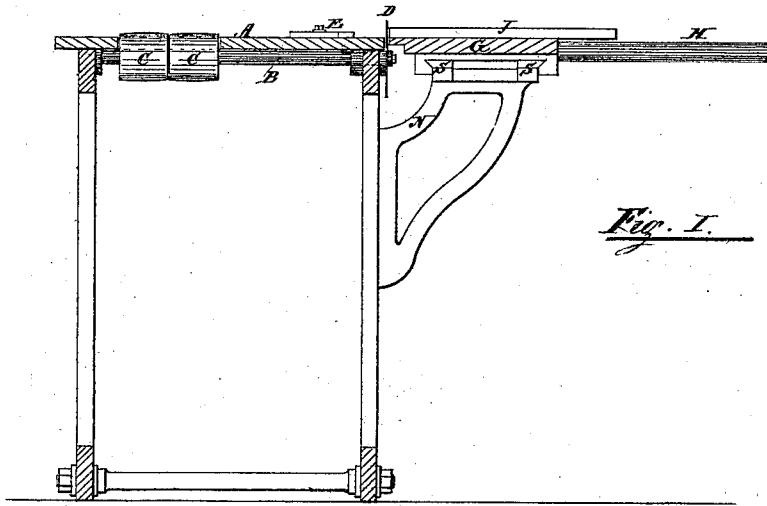


Fig. I.

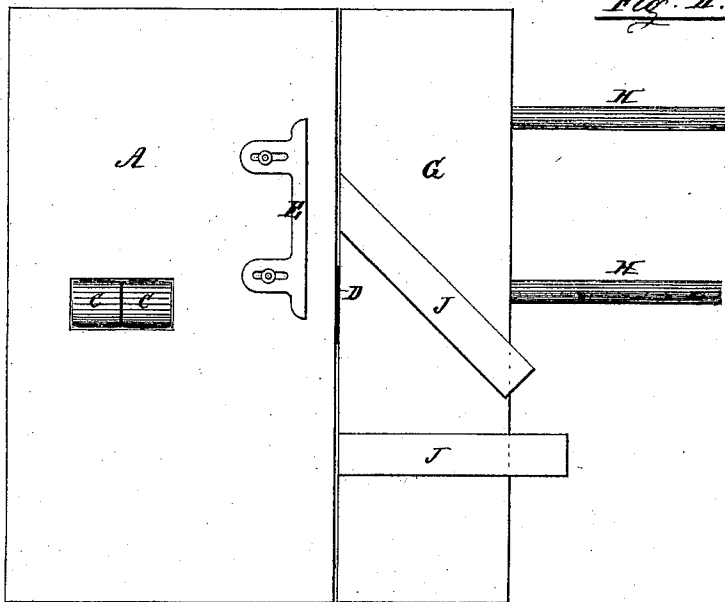


Fig. II.

Witnesses.

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IMPROVEMENT IN CIRCULAR-SAW TABLES.

Specification forming part of Letters Patent No. 131,549, dated September 24, 1872.

To all whom it may concern:

Be it known that I, AUGUSTE LACHAPPELLE, of New York, in the State of New York, have invented a new and useful Improvement in Circular-Saw Tables, of which the following is a specification:

The nature of my improvements consists in the arrangement of a sliding table in front of the regular circular-saw frame or table, which shall be operated by the body of the workman, thereby leaving his hands perfectly free to hold and regulate the wood to be operated on by the saw.

In the accompanying drawing, Figure I is a cross-section of a machine embodying my invention, and Fig. II is a top view of the same.

A is a table or frame-work to which the spindle B, pulleys C C, and circular saw D are attached, arranged in the usual manner, except that the circular saw D is situated close to the edge of the table A. Upon the top of this table the usual movable guide-frame E is attached. Close to the face of this table A a second table, G, is arranged, moving freely and parallel with the face of the circular saw D upon suitable ways S S, supported by brackets N attached to the main frame or table A. To this table G projections H H are attached, between which the operating workman stands. These brackets or projections may be arranged capable of being moved

nearer together or further apart to fit close against the body of the workman. Upon the top of this sliding table G guides J J are fastened, to regulate the desired bevel the wood is to be cut.

This machine is particularly designed for the manufacture of parquetry, where small pieces of wood of different figures and shapes have to be cut, to compose an inlaid floor, and where not only the greatest accuracy is required, but where, on account of the smallness of the separate pieces, it is very difficult to fasten the same otherwise than by holding them by the hands.

In this machine the workman stands between the projections H H, and operates the table G in either direction, by the motion of his body while both his hands are perfectly at liberty to hold and regulate the piece of wood to be cut.

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

In combination with the frame or table A and circular saw D, the sliding table G, provided with guide-pieces J J and projections H H, arranged and operating substantially as and for the purpose hereinbefore set forth.

AUGUSTE LACHAPPELLE.

Witnesses:

HENRY E. ROEDER,
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