

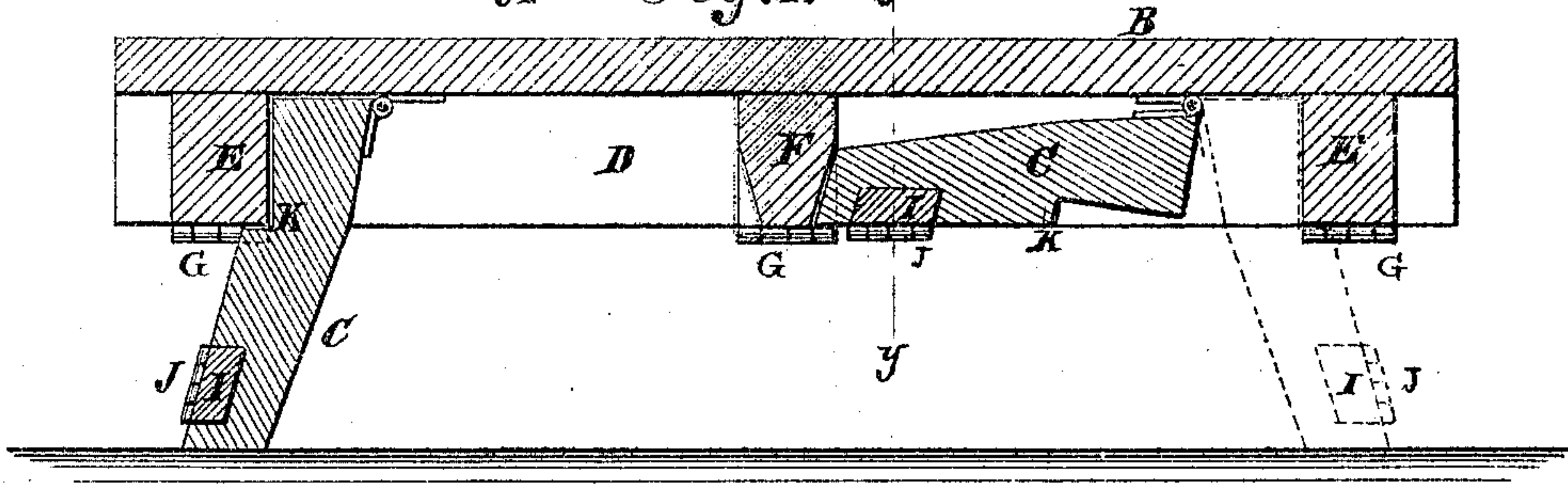
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Improvement in Carpenter's Work-Bench.

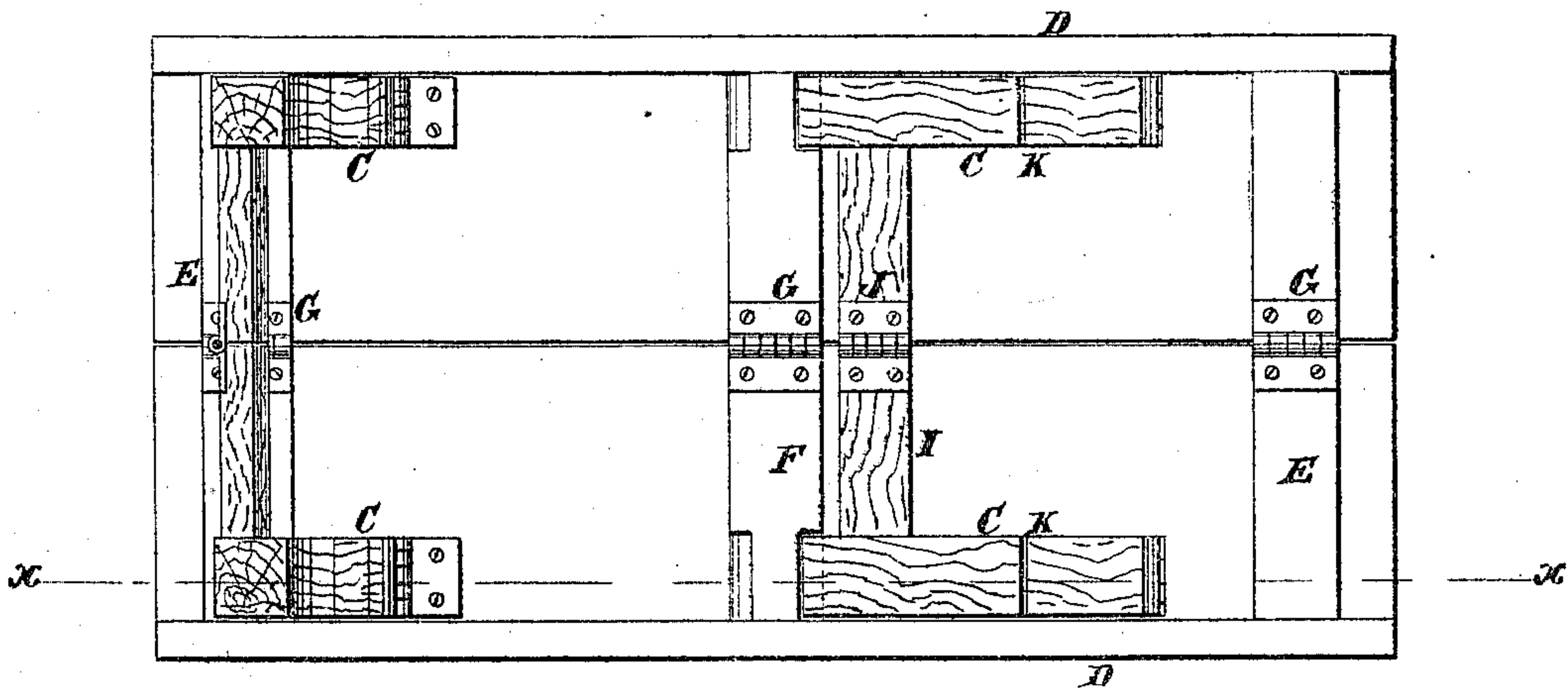
No. 131,989.

Patented Oct. 8, 1872.

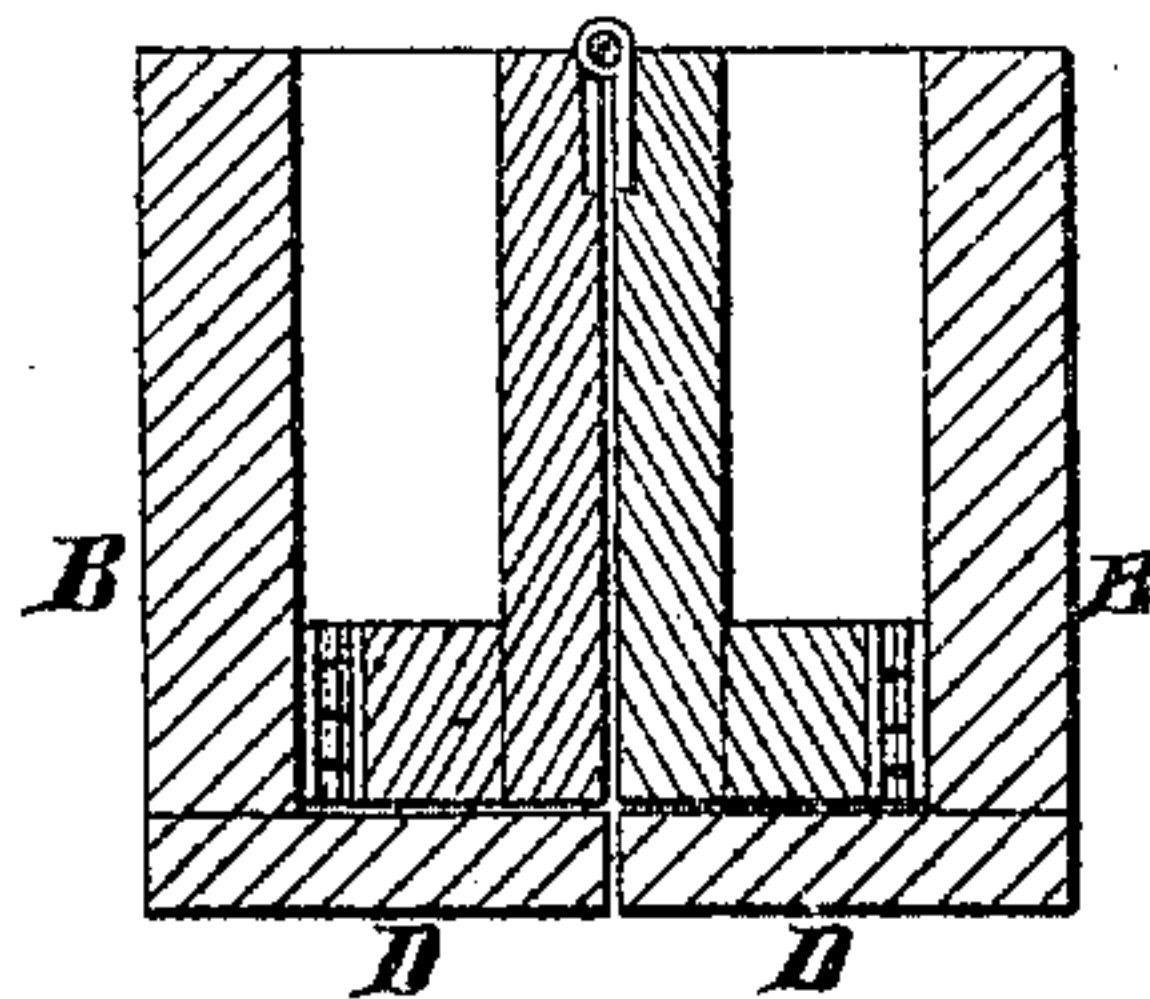
A Fig. 1.



A Fig. 2.



A Fig. 3.



Witnesses:

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PER

UNITED STATES PATENT OFFICE.

EDWARD ANDRE AND WILLIAM H. ANDRE, OF TIFFIN, OHIO.

IMPROVEMENT IN CARPENTERS' WORK-BENCHES.

Specification forming part of Letters Patent No. 131,989, dated October 8, 1872.

To all whom it may concern:

Be it known that we, EDWARD ANDRE and WILLIAM H. ANDRE, of Tiffin, in the county of Seneca and State of Ohio, have invented a new and useful Improvement in Folding Work-Bench, of which the following is a specification:

The object of this invention is to construct a work-bench for joiners or house-finishers, and for others, which can be more easily moved and transported from place to place than work-benches of ordinary construction; and it consists in a bench that folds up, as hereinafter set forth and described.

In the accompanying drawing, Figure 1 represents a longitudinal vertical section of the bench taken on the line *x x* of Fig. 2; Fig. 2 is view of the bench turned bottom side up, showing the arrangement of the hinged legs; and Fig. 3 is a vertical cross-section of Fig. 1 taken on the line *y y*.

Similar letters of reference indicate corresponding parts.

A represents the folding-bench complete. B is the top, and C the legs. D is a rail or side board under each outer edge of the top. E is a cross-rail at each end of the bench, to which the top and the sides D are rigidly attached, by means of screws or nails, or in any substantial manner. F is a central cross-rail, to which the top and the sides are attached in the same manner. These cross-rails E and F, as well as the top, are made in two parts, which parts are connected together by the butt-hinges G placed upon the under side, which allow them to be folded, as seen in Fig. 3. The legs

are hinged to the under side of the top, as seen in Fig. 1. They are made in pairs, two legs (or one pair) being at each end connected by the rail I. These rails are in two parts, connected by the hinges J, as seen in Fig. 2. The bench is made as though the top and cross-rails were whole and the rails were in single pieces, and the whole had been sawed apart through the center, and then connected together again with butt-hinges. The legs at each end fold onto the inside of the top and then the whole bench folds together, as seen in Fig. 3. The legs are thus disposed of entirely, and the bench is reduced to one-half its ordinary width.

When the legs are extended they stand bracing outward, as seen in Fig. 1, with shoulders K, upon which the end cross-rails E rest. The central cross-rail simply supports the top and keeps the parts level when the bench is in use.

In moving a work-bench from place to place or from one room to another, it is frequently found necessary to take it to pieces; but when they are made in this manner they are moved and transported without difficulty.

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

The folding work-bench A, constructed substantially as shown and described.

EDWARD ANDRE.

WILLIAM H. ANDRE.

Witnesses:

PHILIPP EMICH,
F. L. EMICH.