

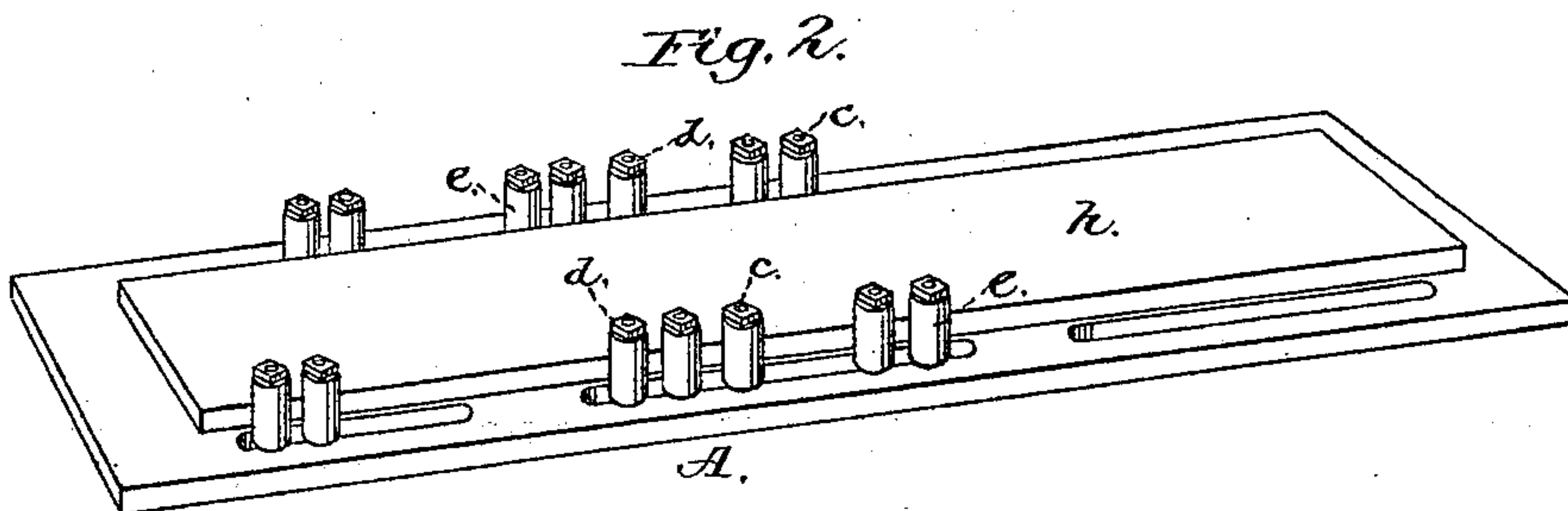
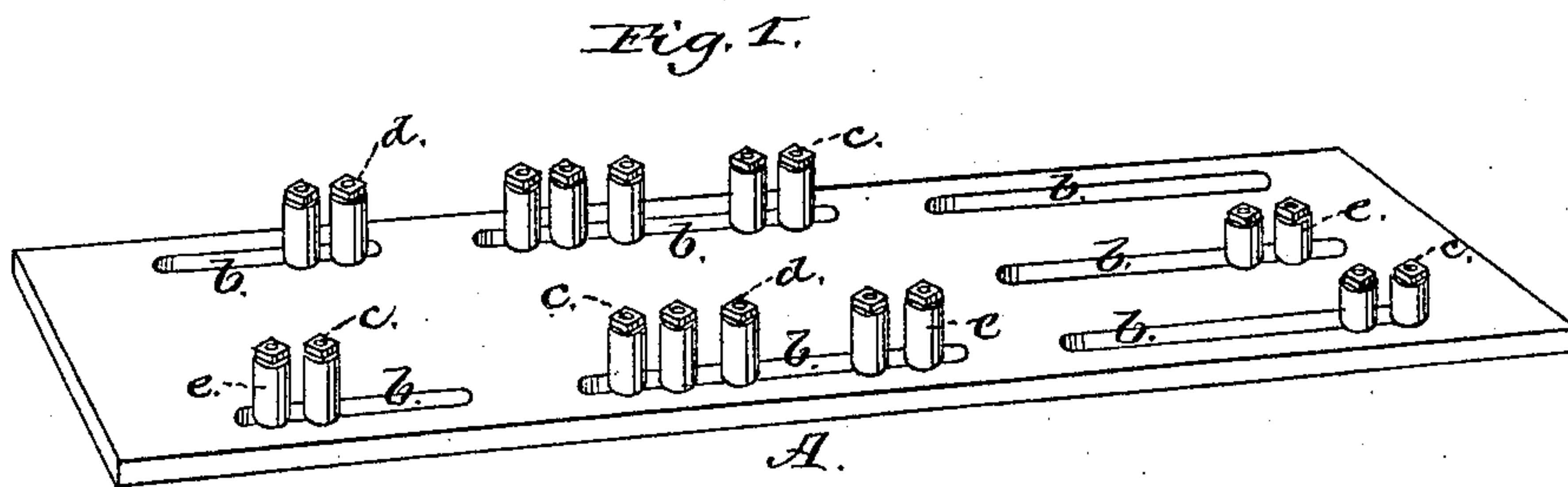
(No Model.)

J. W. ANGUS.

MITER BOX.

No. 252,987.

Patented Jan. 31, 1882.



WITNESSES

Villette Anderson
Philip C. Masi.

INVENTOR

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UNITED STATES PATENT OFFICE.

JAMES W. ANGUS, OF MACON CITY, MISSOURI.

MITER-BOX.

SPECIFICATION forming part of Letters Patent No. 252,987, dated January 31, 1882.

Application filed December 15, 1881. (No model.)

To all whom it may concern:

Be it known that I, JAMES W. ANGUS, a citizen of the United States, resident at Macon, in the county of Macon and State of Missouri, have invented a new and valuable Improvement in Miter-Boards; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective of my device, and Fig. 2 is a similar view with extra bottom.

This invention has relation to miter-boxes; and it consists in the construction and novel arrangement of the longitudinally-slotted bottom, the standard-bolts, and the circularly-adjustable guide-posts, all as hereinafter set forth.

In the accompanying drawings, the letter A designates the bottom or base of the miter-box, having parallel slots *b b* extending longitudinally. Through each of these slots extend two or more standard-bolts, *c*, the ends of which are threaded and provided with nuts *d*. On these bolts are cylindrical posts *e*, which rest on the bottom A, and are secured in position by tightening the nuts on the bolts. The bolts and guide-posts are easily adjusted to and fro

in the slots, to bring opposite pairs into any desired angular relation. As the posts *e* become worn by the action of the saw, they may be adjusted circularly, so as to bring new surfaces to bear, and when worn out they may be replaced by new ones at small expense.

The posts may be made of any height desired, short ones being needed in boxes which are used with saws having bound backs. A central slot is generally provided in the bottom for use in connection with small or short saws.

Usually it is designed to provide the box with an extra bottom, *h*, of wood, which is to be placed between the opposite pairs of guide-posts, and, having straight side edges, serves to keep said posts in line.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

In a miter-board, the base A, having the parallel slots *b b* extending longitudinally thereof, in combination with the bolts *c*, having the nuts *d*, and the adjustable cylindrical posts *e*, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JAMES W. ANGUS.

Witnesses:

G. M. HOWSER,
JOHN SHEPHERD.