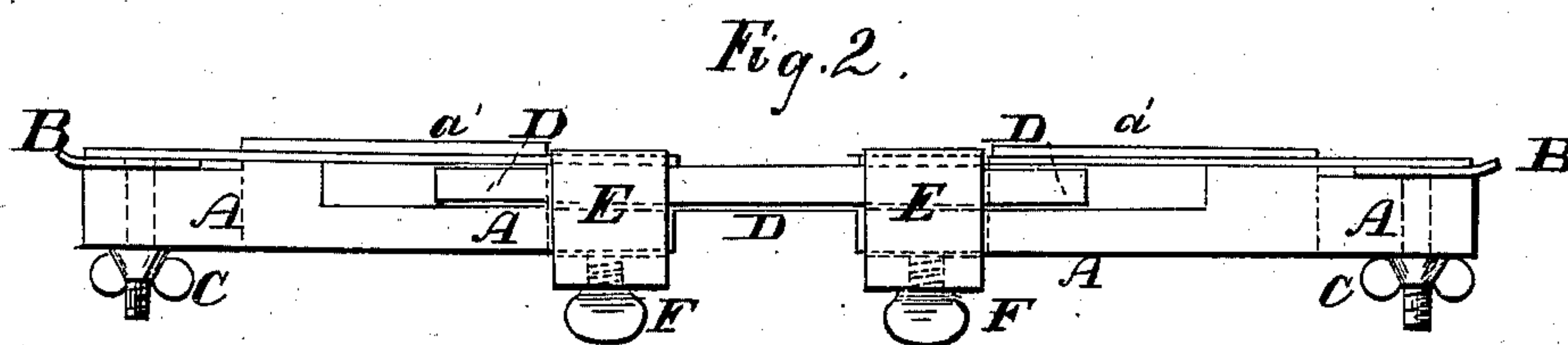
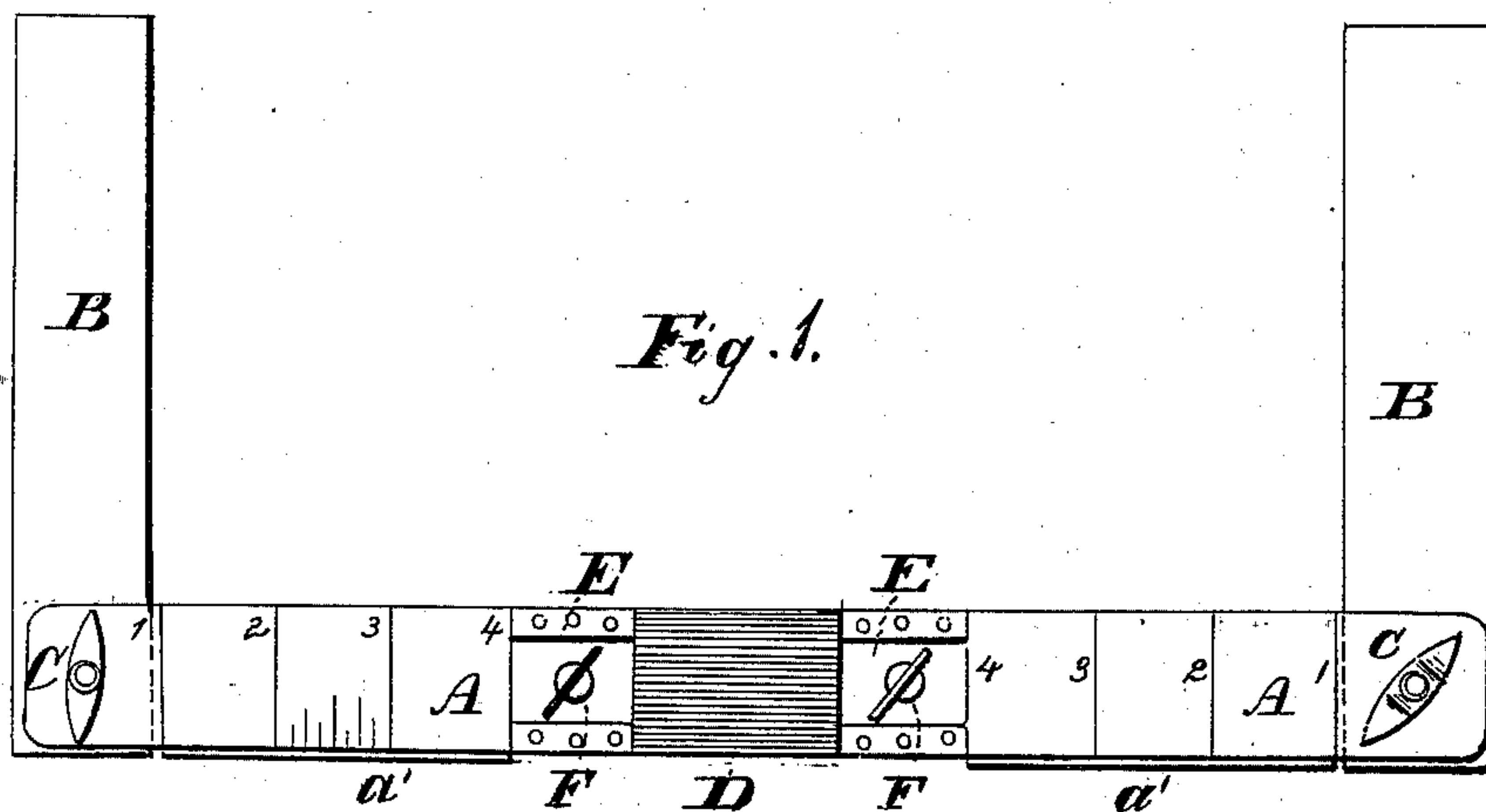


I. WILLIAMS.  
Weatherboard Gage.

No. 80.692.

Patented Aug. 4, 1868.



Witnesses,  
H. C. Ashkett  
Wm. A. Morgan

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# United States Patent Office.

ISAAC WILLIAMS, OF WESTFIELD, INDIANA

*Letters Patent No. 80,692, dated August 4, 1868.*

## IMPROVEMENT IN GAUGES FOR WEATHER-BOARDING.

*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, ISAAC WILLIAMS, of Westfield, in the county of Hamilton, and State of Indiana, have invented a new and improved Weather-Board Gauge and Measure; 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 drawings, forming part of this specification.

Figure 1 is a side view of my improved gauge and measure.

Figure 2 is an edge view of the same.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved instrument, simple in construction, and easily and quickly adjusted, by means of which the exact length of the space between the window-frames and other places may be conveniently and quickly measured, in such a way that the board, when marked and sawed off, may exactly fit into the desired space without its being necessary to use the plane upon the ends of said board to make it fit, and which shall be equally applicable for other similar uses.

And it consists in the construction and combination of the various parts, as hereinafter more fully described.

A are the bars, having adjustable blades, B, pivoted to their ends, which said blades may be set at any desired angle to the bars A, and, when adjusted, securely clamped in place by the thumb-screws C. The bars A may, for convenience, have scales formed upon their outer sides, as shown in fig. 1. Upon the under sides of the inner ends of the bars A are formed long sockets for the reception of the ends of the bar D, which is securely clamped in place, when adjusted, by the loops E and thumb-screws F. If desired, the bar D may be rigidly attached to or formed solidly upon one of the bars A, and adjustably secured to the other bar by a loop and thumb-screw, as before described; but I prefer the construction first described, as it enables the said central bar D to be removed and replaced with a longer or shorter bar, according as the length of the spaces to be measured may require.  $\alpha$  is a narrow flange, projecting downward from the rear edge of the bars A, which serves as a stop in applying the said instrument to the board to be marked and cut.

In using the instrument, it is placed in the space into which the board is to be fitted, and adjusted to the required length by means of the adjusting-bar D. The blades B are then adjusted to the required angle, and secured in place by the thumb-screws C. The instrument is then applied to the board, which, when marked and sawn, will exactly fit into the said space, without its being necessary to use a plane upon the ends of said board to make it fit.

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

The bars A, provided each at its outer end with an adjustable pivoted blade, B, and socketed at their inner ends for the reception of the sliding connection D, which is adapted to be clamped in the desired position, said bars A being provided with flanges  $\alpha$ , all constructed, arranged, and operating substantially as and for the purpose herein set forth and shown.

Witnesses:

JOHN STEVENSON,

ROBT. R. BROWN.

ISAAC WILLIAMS.