

I. Williams,
Weather-Board Gage,
No 80,691. Patented Aug. 4, 1868.

Fig. 1

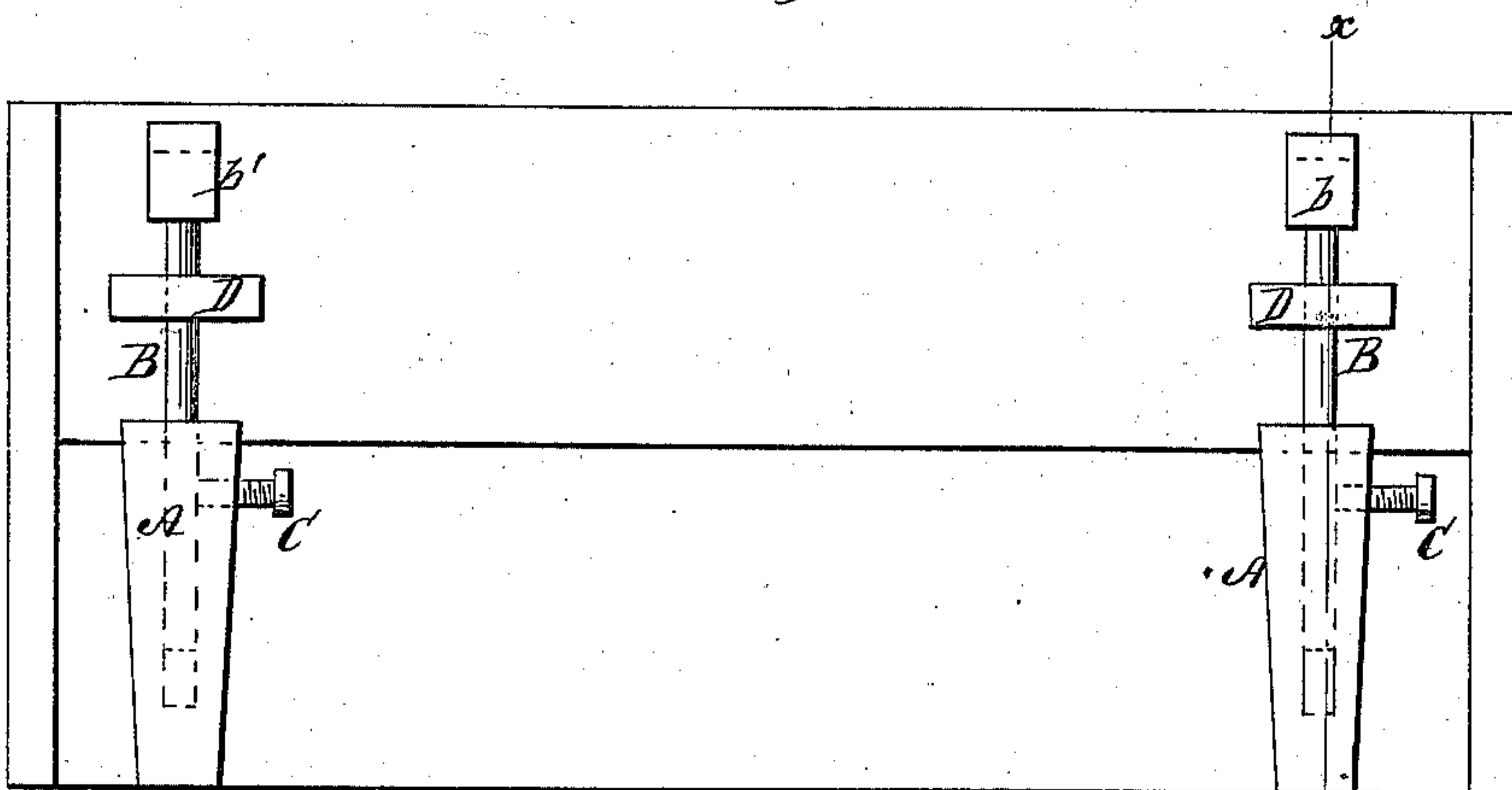
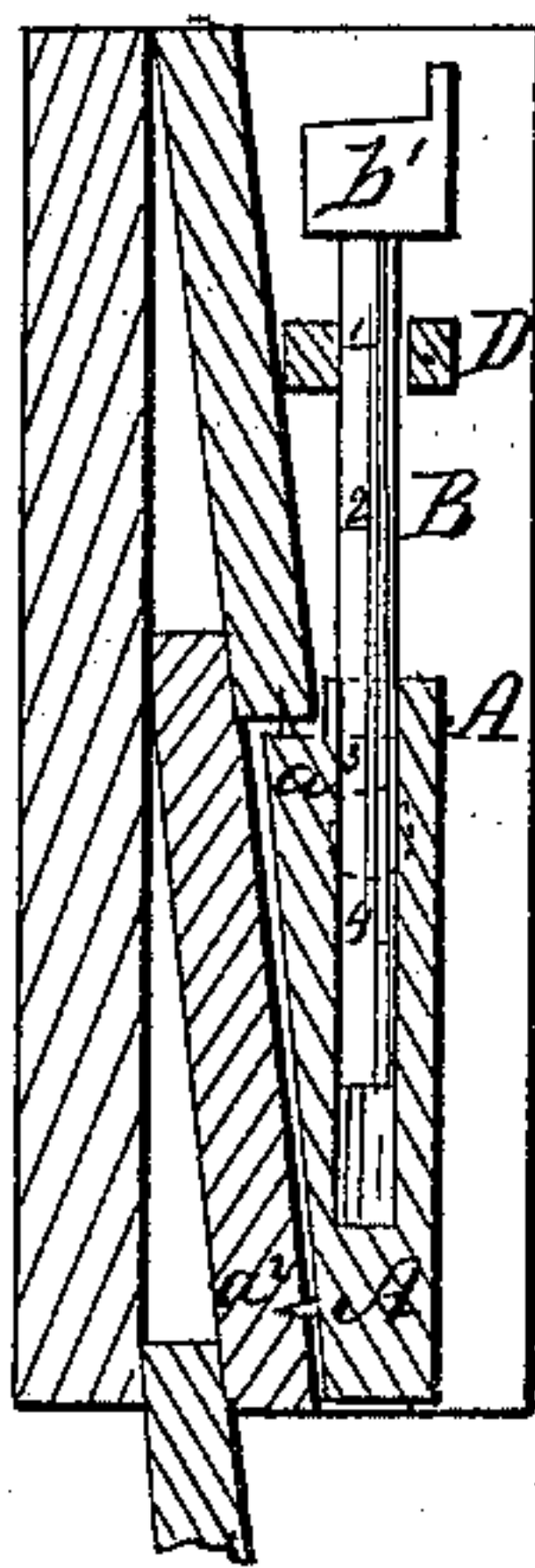


Fig. 2



Witnesses;
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United States Patent Office.

ISAAC WILLIAMS, OF WESTFIELD, INDIANA.

Letters Patent No. 80,691, dated August 4, 1868.

IMPROVEMENT IN WEATHER-BOARD GAUGE AND REST.

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 Rest; 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 represents my improved gauge in position for use.

Figure 2 is a detail sectional view of the same, taken through the line $x x$, fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved instrument to gauge the distance apart of the edges of the weather-boards, and at the same time to support the board while being nailed on, so as to avoid the necessity of driving in nails to support each board, as is now the practice, thus economizing time and labor; and it consists in the adjustable gauge and rest constructed and arranged as hereinafter more fully described.

A is the body of the gauge, which is formed with a shoulder upon its upper end, to fit upon the lower edge of the board last attached to the building. The part A is also furnished with one or more sharp projecting points, a^2 , upon its inner side, near its lower end, to be forced into the board against which it rests.

It is also furnished with one or more sharp projecting points, a^1 , in its upper end, to be forced into the lower edge of the board upon which its said upper end rests. B is a stem, which enters a hole or socket formed in the upper end of the piece A, has a scale or division-marks formed upon its side, and is secured in position when adjusted by the set-screw C, which screws in through the side of the piece A, and the forward end of which presses against the side of the stem B.

Upon the upper end of the stem B is formed a head, b' , having a shoulder formed upon it, upon which rests the lower edge of the board to be nailed to the building. D are blocks, that slide up and down freely upon the stem B, by means of which the instrument is wedged or secured more firmly in place.

In using the instrument, the stem B is adjusted to the distance which it is desired that the lower edges of the consecutive boards should be apart. The points in the upper ends of the parts A are then forced into the lower edge of the board against which they rest. The sliding wedge-blocks D are then forced down upon the stem B, the effect of which is to force the lower points more firmly into the said board. The gauge and rest are now ready to receive and support the next board in proper position to be nailed to the building.

By this construction the gauge can be detached, moved up to the next board, and secured in place very quickly, so as to be again ready for the next board.

It should be observed that at least two gauges should be used to support each board that is to be nailed to the building.

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

The combination of the hollow shouldered part A, having the parts $a^1 a^2$, the graduated adjustable stem B, and the sliding wedge D, all constructed, arranged, and operating as herein described for the purpose specified.

ISAAC WILLIAMS.

Witnesses:

JOHN STEVENSON,

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