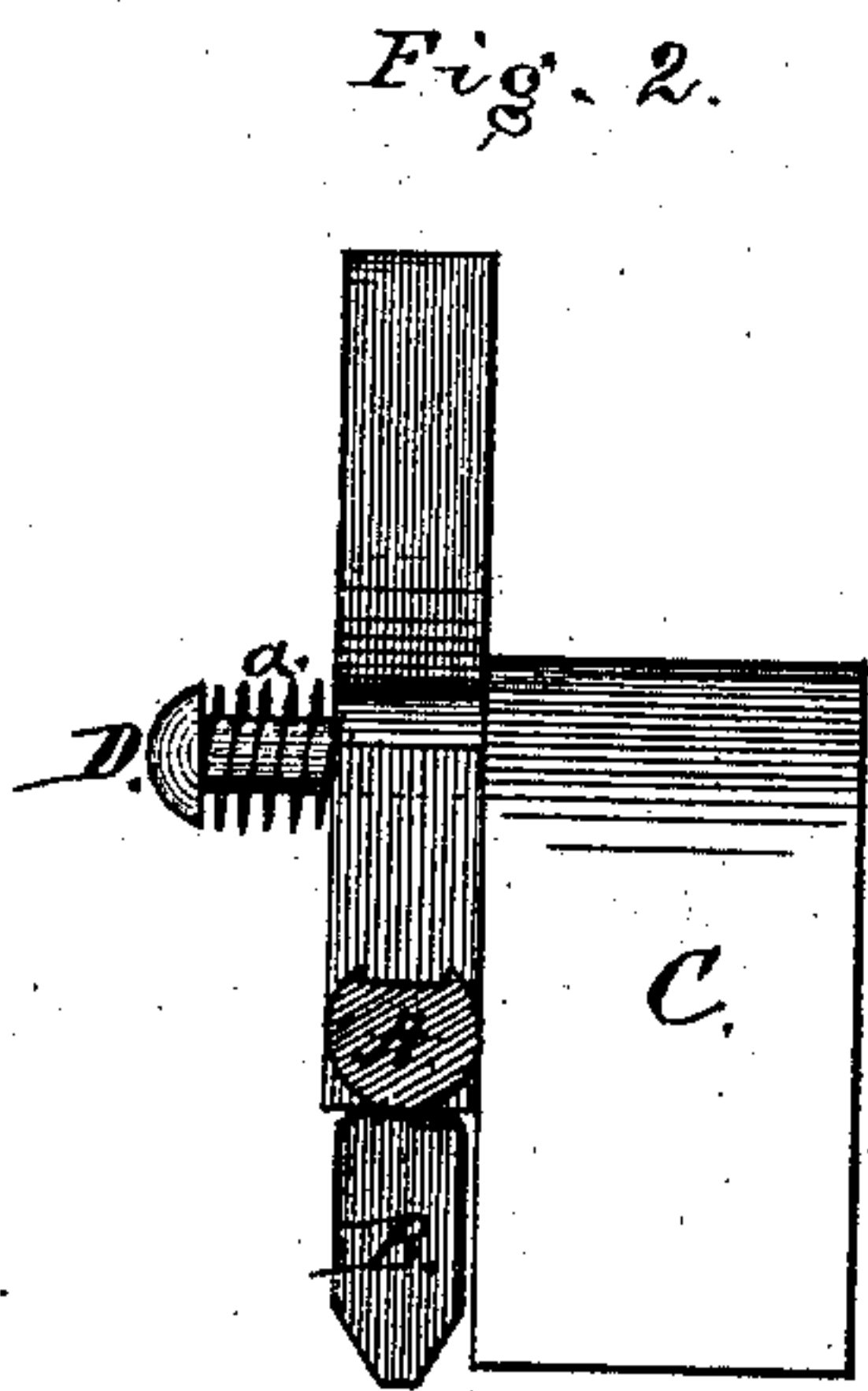
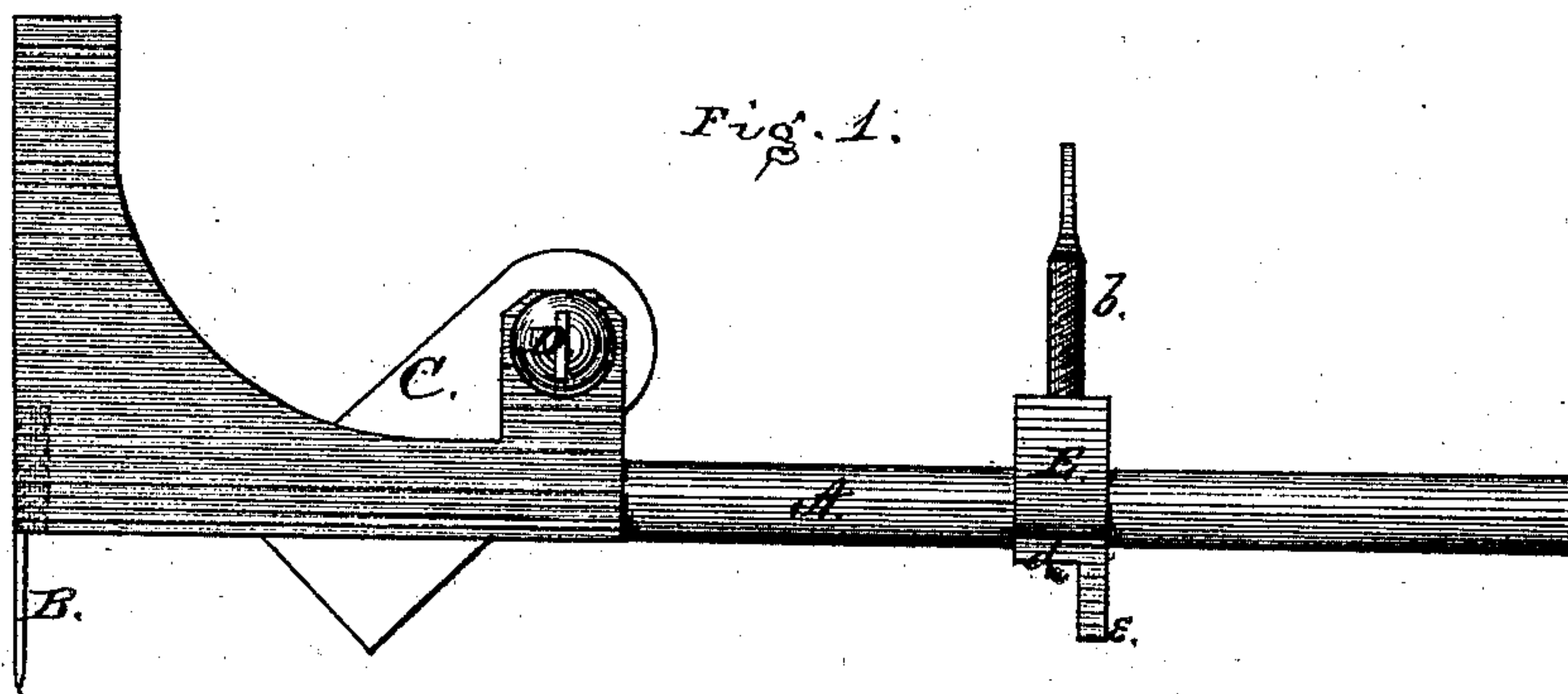


W. E. Stoddard,

Gage.

No. 98813.

Patented Jan. 11. 1870.



Witnesses,  
F. Lehmann  
C. L. Evert.

Inventor,  
Worden E. Stoddard  
per Alexander Mason  
attyp.

# United States Patent Office.

WORDEN E. STODDARD, OF FORT EDWARD, NEW YORK.

*Letters Patent No. 98,813, dated January 11, 1870.*

## IMPROVEMENT IN WEATHER-BOARD GAUGE.

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, WORDEN E. STODDARD, of Fort Edward, in the county of Washington, and in the State of New York, have invented certain new and useful Improvements in Weather-Board Gauge; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

My present invention is an improvement upon the "weather-board gauge" patented by me October 20, 1868, No. 83,337, and consists in the construction and general arrangement of the parts as hereinafter described.

In order to enable others skilled in the art to which my invention appertains, to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side view, and

Figure 2, a vertical cross-section of my improved gauge.

A represents the bar of the gauge; B, the spur; C, the scribe-block, secured to the gauge by means of the screw D; and E is the slide, all of which parts are arranged in relation to each other the same as in my former patent above mentioned.

The spur B is made round on that portion which is inserted in the gauge, a round hole being drilled in the gauge for that purpose, which makes the spur stronger and less apt to get out of order.

Around the screw D, which connects the scribe-block C with the gauge, is placed a spiral spring, *a*, so

that if the gauge should not be set up to the casing, the scribe can be moved up to it readily, and scribe the board perfectly. The block is also by this means carried further from the face of the bar, in order to give more strength to the block.

The bar A, upon which the slide E moves, is made round, by which means the gauge is made more accurate, and the slide kept in right angle with the bar.

The bar A is grooved on its upper side longitudinally, into which groove the screw *b* fits, said screw securing the slide at any point desired.

The portion of the slide E under the bar A is provided with a shoulder, *d*, which is useful in keeping the gauge from rocking when put in place.

From the shoulder *d* a flange or projection, *e*, extends downward, so that if the board is curved, it will throw the bar A up from the centre, and allow the spur B to take a firm hold, and hold the gauge in its proper place.

Having thus fully described my invention,

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

The arrangement of the bar A, spur B, block C, screw D, spiral spring *a*, and slide E, with shoulder *d* and flange *e*, all constructed as described, and for the purposes set forth.

In testimony that I claim the foregoing, I have hereunto set my hand and seal, this 2d day of November, 1869.

WORDEN E. STODDARD. [L. s.]

Witnesses:

SANFORD SMITH  
P. O'BRIEN.