R. J. DODD.

WEATHER-BOARD GAGE.

No. 169,527. Patented Nov. 2, 1875.

Fig. 1.

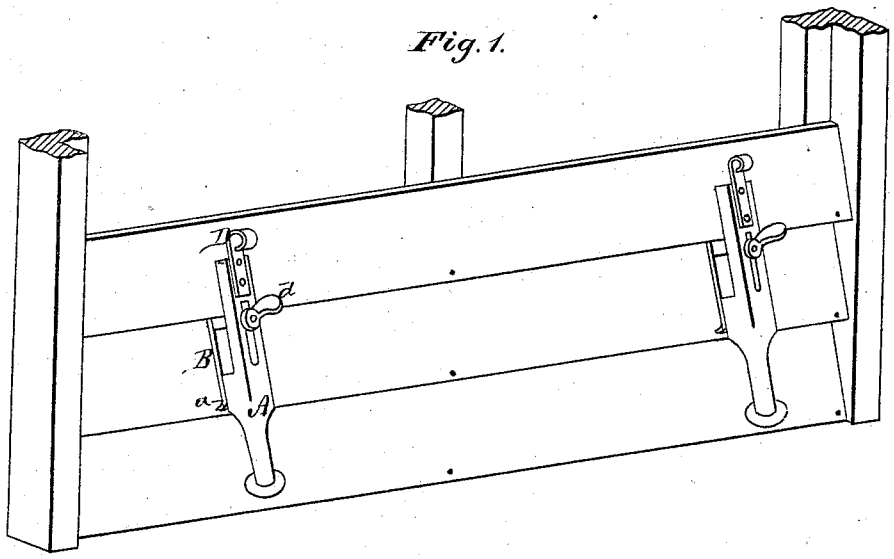
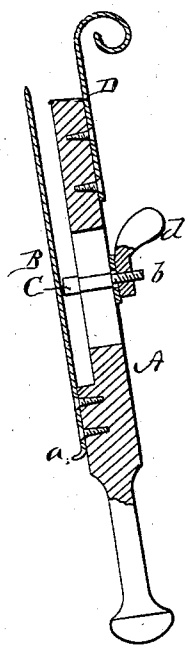


Fig. 2.



WITNESSES

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ROBERT J. DODD, OF CRAWFORDSVILLE, INDIANA, ASSIGNOR TO HIMSELF, TAYLOR BUFFINGTON, WALTER S. CASAD, NOAH WILKINSON, AND D. W. MILHOLLAND.

IMPROVEMENT IN WEATHER-BOARD GAGES.

Specification forming part of Letters Patent No. **169,527**, dated November 2, 1875; application filed August 14, 1875.

To all whom it may concern:

Be it known that I, ROBERT J. DODD, of Crawfordsville, in the county of Montgomery and in the State of Indiana, have invented certain new and useful Improvements in Weather-Board Gages; 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.

The nature of my invention consists in the construction and arrangement of a weather-board gage, as will be hereinafter more fully set forth.

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 shows the application of my invention, and Fig. 2 is a longitudinal section of my gage.

A represents a main staff, cut out on one side from the upper end downward, for a suitable distance. To this side of the staff A, below the shoulder thus formed, is secured a steel spring-blade, B, having its lower end turned outward and sharpened, to form the spur *a* for taking hold on the wall. The blade B extends slightly beyond the upper end of the staff A, to admit its passage under the board before the top of the main staff strikes the same. As the blade passes under the last board nailed it naturally springs the spur or foot *a* to the wall in such a position that the greater the pressure the tighter it draws the hold, thus forming the set.

The gage consists of a head, C, placed between the staff A and blade B, and provided with a bolt, *b*, which passes through a vertical slot in the staff A, and is fastened by a thumb-nut, *d*.

The head C can be adjusted and fastened at any desired point, thus determining the amount to be exposed to the weather. By this means I obviate the loss of time of gaging or compassing up, as the instrument carries its own gage with it.

By measuring from the point of the main staff downward, and placing the gages all at the same points on the main staffs, a true gage is obtained on every staff, which throws the top of each staff on a correct line. Thus, by starting with a correct line, it can be continued throughout.

This invention also contains the means of holding the next board to be worked to its place. This is accomplished by means of a spring, D, on top of the main staff A, said spring being made of any suitable material, and having its upper end bent or curled outward, to admit the passage of the board behind the spring, and thus holding the board in a permanent position until the work thereon is completed.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The within-described weather-board gage, consisting of the staff A, cut out as described, the spring-plate B, attached thereto, extending to the top of the staff, and having a spur, *a*, formed thereon, the adjustable gage C *b d*, and the spring-holder D, all constructed as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 19th day of June, 1875.

ROBERT J. DODD.

Witnesses:
DAVID W. MILHOLLAND,
ELI COMPTON.