

J. B. Pedrick,

Stage.

No. 97436.

Patented Nov. 30. 1869.

Fig 1

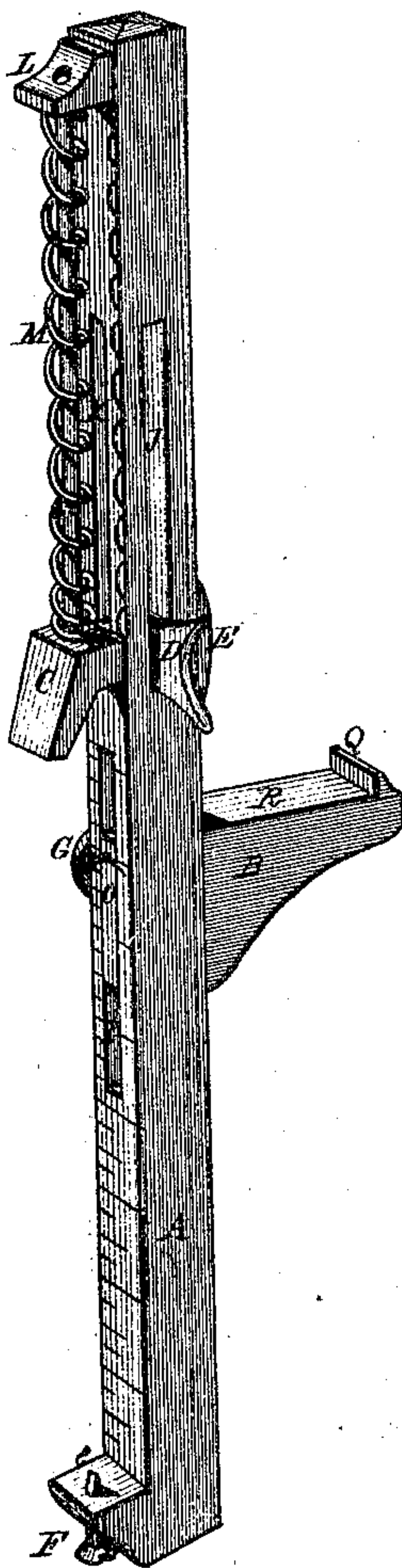
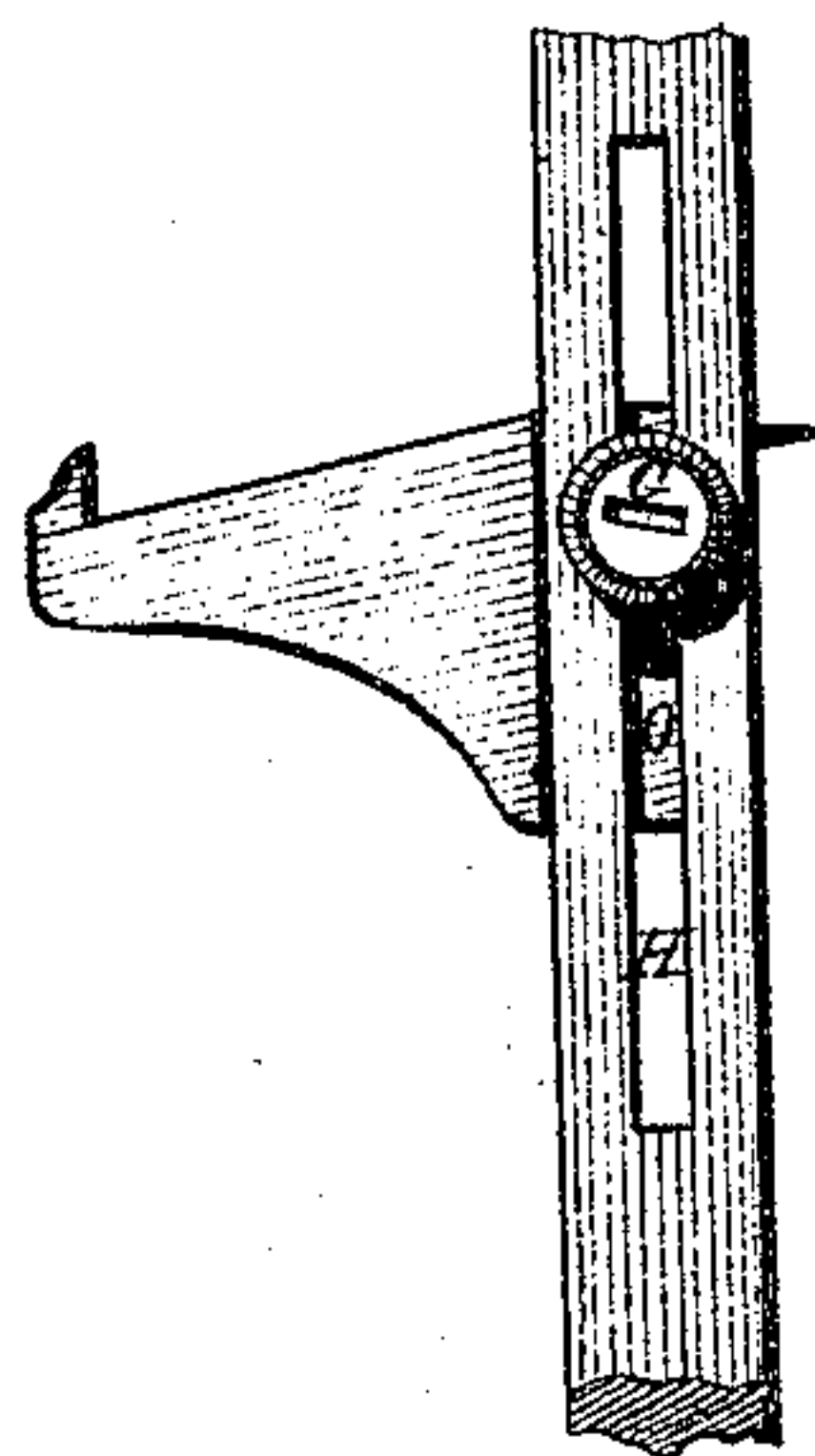


Fig 2.



Witnesses

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JOSEPH B. PEDRICK, OF COLUMBUS, INDIANA.

Letters Patent No. 97,436, dated November 30, 1869.

IMPROVEMENT IN GAUGE 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, JOSEPH B. PEDRICK, of Columbus, in the county of Bartholomew, and State of Indiana, have invented a new and improved Device to Answer the Purpose of a Gauge and Set-Nail in Putting on Weather-Boarding; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in the construction of a set-gauge, composed of a slotted or mortised bar or body, having a projection at each end, a movable hook in one of the mortises, which hook is pressed downward by a spring, and also an adjustable block, moving in another of the mortises in the main body, to mark or lay off the work.

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 drawings, in which—

Figure 1 is a perspective view of the entire gauge, and

Figure 2 is a side view of a portion of the main body, showing the manner of adjusting the movable block.

A represents a bar, of suitable dimensions, which forms the body of the gauge, having at one end a projection, F, and at the other end, on the same side, a similar projection, L, the inner faces of said projections being at right angles with the face of the bar A.

Through the body A, between the projections F and L, are two mortises, I and K, of suitable length, the one above the other, leaving a solid piece between them, as seen in fig. 1.

In the upper mortise K is placed the tenon of a hook, C, said hook projecting upon the same side of the body A as the projections F and L, and is secured by the button E, secured to said tenon on the opposite side of the bar A.

To this tenon is attached a slide, D, which projects through another mortise, J, cut through the other sides of the bar A, at right angles with and extending the same length as the mortise K.

To the upper side of the hook C is secured a rod, which passes through a hole in the upper projection L, and is surrounded by a spiral spring, M, which presses the hook down to the lower end of the mortise K.

In the lower mortise I is placed the tenon O of a block, B, which projects on the side of the bar A opposite to the hook C, the tenon O being even with

the same side of the bar, which is graduated, as shown in fig. 1.

The block B is adjusted in the mortise I, at any distance desired from the lower end, by means of a set-screw, G, which passes through a slot, H, in the side of the bar A, into the tenon O.

The upper surface R of the projection or block B is inclined, as shown in fig. 2, and provided, at its outer end, with a catch, Q.

The tenon O has a pin, T, projecting forward, and the lower projection F on the bar A has also a pin, e, projecting upward.

The operation is as follows:

After having the first or bottom board nailed on, place the projection or extension F beneath the lower edge of the board, clasp the slide D between the thumb and fore-finger, and pull upward, thereby drawing the point e into the lower edge of the board, and, at the same time, raising the hook C high enough to hook over the top of the board. The hook, being held by the spiral spring M, will then clasp over the top of the board, and, by its incline at the under side, will draw the small point T into the board, the block B being previously set at any desired point, thereby marking a small mark, to show where to put the bottom of the next board.

The block or extension B is for the purpose of holding the board while it is being marked at the ends, preparatory to sawing off, and the catch Q prevents the board from slipping off the face R, thereby answering every purpose of the usual set-nail in weather-boarding.

The set-gauge is readily removed by clasp the slide D, and pulling upward until the hook C is raised above the board.

The advantages of this set-gauge are—

First, it is speedier than with the set-nail and measure.

Second, it removes all danger of splitting the board by driving in set-nails.

Third, it leaves no set-nail holes, thereby making better and neater work.

The set-gauge may be made of wood, or of metal and wood combined.

Having thus fully described my invention,

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

The combination of the mortised bar A, extensions F and L, hook C, slide D, spring M, block B, and points e and T, all constructed as described, in the manner and for the purposes herein set forth.

Witnesses: JOSEPH B. PEDRICK.

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