(No Model.)

J. ESSEX.

WEATHER BOARDING GAGE.

No. 318,555. Patented May 26, 1885.

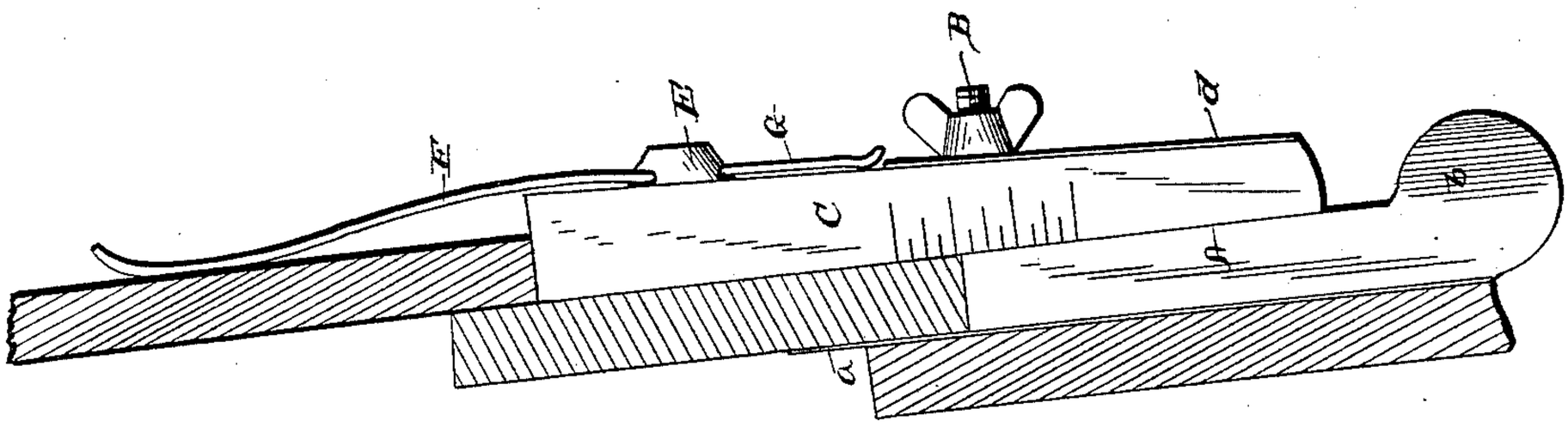

Fig. 3.

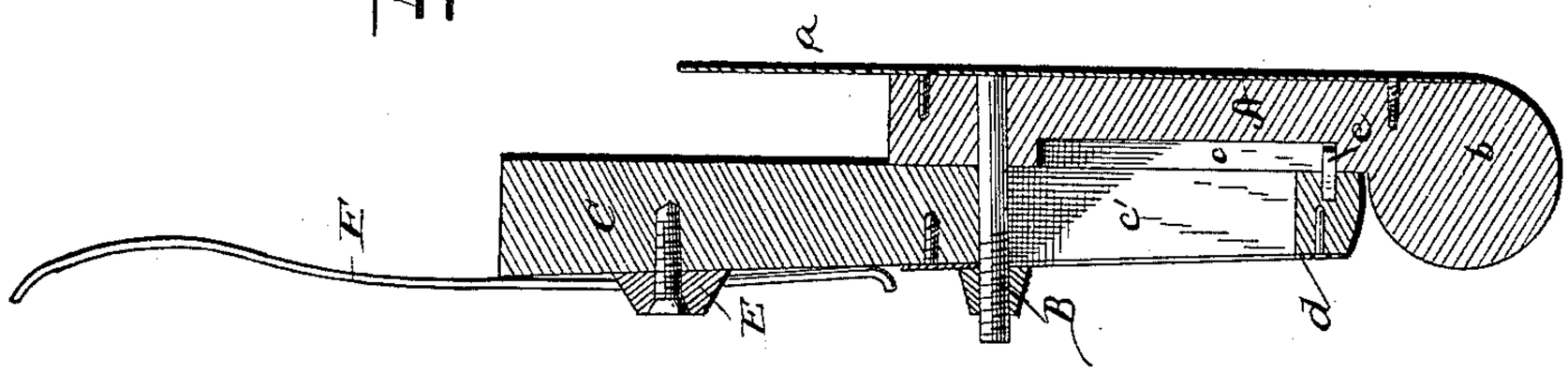

Fig. 2.

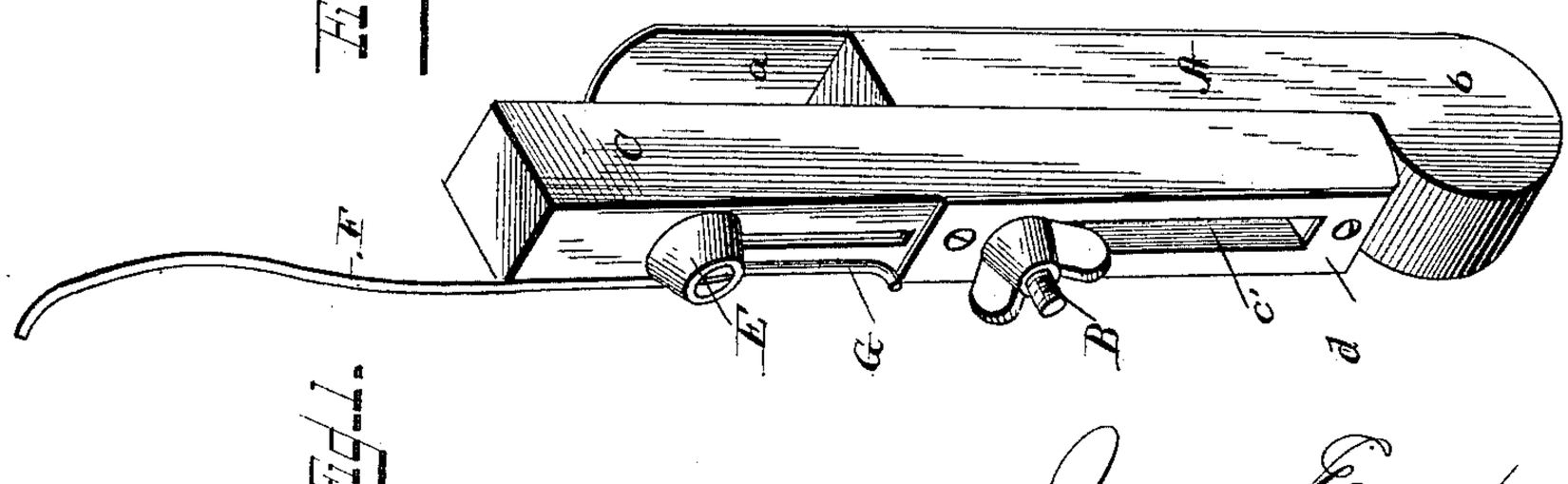

Fig. 1.

WITNESSES

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JAMES ESSEX, OF LANCASTER, MISSOURI.

WEATHER-BOARDING GAGE.

SPECIFICATION forming part of Letters Patent No. 318,555, dated May 26, 1885.

Application filed January 20, 1885. (No model.)

To all whom it may concern:

Be it known that I, JAMES ESSEX, a citizen of the United States, residing at Lancaster, in the county of Schuyler and State of Missouri, have invented certain new and useful Improvements in Weather-Boarding Gages; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a gage to be used in securing weather-boarding or the like in place; and it has for its object, first, to provide a device of this class which may be adjusted to different widths of material.

A further object of the invention is to provide improved means, whereby the gage may be removably held in place; and a further object of the invention is to provide an arm for holding the strip to be secured in position.

A further object of the invention is to provide a gage of the character described which shall be simple in the construction, effective in its operation, and one that may be manufactured and supplied at a slight cost.

With these ends in view the invention consists in the improved construction and combinations of parts hereinafter fully described, and pointed out in the claims.

In the drawings, Figure 1 is a perspective view of a gage constructed in accordance with my invention. Fig. 2 is a longitudinal vertical section of the same. Fig. 3 is a side elevation showing my device in operation.

In the accompanying drawings, in which like letters of reference indicate corresponding parts in all the figures, A represents what will be termed the "base-strip," said strip having on its rear face a metal plate, *a*, which extends a sufficient distance beyond the upper end of said base-strip A, to attach the same to a weather-board strip, already secured in position by inserting said plate *a* beneath the same. The lower end of the base-strip A is formed with a knob or rounded projection, *b*, on its front face to facilitate the withdrawal of the base-strip A from the weather-board before mentioned when the adjacent board or strip—that is, the one above said strip—has been secured in place. The base A is formed near its upper end on its front face with an outwardly-extending screw, B, and with a vertical groove, *c*.

C represents the gage-strip, which is formed with a vertical elongated slot, *c'*, to receive the screw B, said gage-strip being held in place upon the base-strip by a thumb-nut, and a metal plate, *d*, having a slot corresponding with the slot *c*, is placed on the gage-strip C to prevent the same from being injured when the thumb-nut is tightened. The gage-strip C also has on its lower inner face a spur, *e*, which fits the groove on the base A, thus serving to guide the gage-strip when it is being adjusted.

Near the upper end of the strip C is a pivoted disk carrying a long and a short arm, F G. The said arms may be separated; or they may be formed integral, as shown. The gage-strip C is provided on one of its sides with graduated marks, and the distance from the upper of said marks to the upper end of the gage being about three inches.

In operation the upper end of the base-strip A receives the lower edge of the board previously nailed, the metal plate fitting in behind the same, and the board to be nailed in place resting with its lower edge on the upper end of strip C, which has been previously adapted to the width of the boards used and the width of the lap. Either of the arms F G is turned to hold the board in place, in some cases it being desirable to use arm F, while in others arm G may be more conveniently employed.

I claim as my invention and desire to secure by Letters Patent—

1. The combination, in a weather-board gage, with the base-strip and gage-strip vertically adjustable thereon, of an arm pivotally secured to the outer face of the gage-strip and normally projecting above the same, said arm being adapted to be turned laterally upon its pivot, substantially as and for the purpose set forth.

2. The combination, in a weather-board gage, with the base-strip and gage-strip vertically adjustable thereon, of an arm pivoted to the gage-strip and comprising an arm portion projecting below and above the pivot, the arm being reversible upon its pivot to bring either of said arm portions into position, substantially as and for the purpose set forth.

3. The combination, in a weather-board

gage, with the base-strip and gage-strip vertically adjustable thereon, of a disk pivoted to the outer face of the gage-strip and carrying arms projecting in opposite directions and adapted to be brought into use when the disk is turned upon its pivot, substantially as and for the purpose set forth.

4. The combination, in a weather-board gage, with the base-strip having the retaining-plate and provided with a longitudinal groove in its outer face, of a gage-strip vertically adjustable thereon, and provided with a spur entering the groove and guiding the said strip during its vertical adjustment, and an arm pivoted to the outer face of the gage-strip and projecting above and below its pivot, substantially as and for the purpose set forth.

5. The combination, in a weather-board gage, with the base strip having the retaining-plate and provided with a longitudinal groove in its outer face and with the knob at its lower end, of the vertically-adjustable gage-strip having the spur entering said groove to guide the strip during its adjustment, and the disk pivoted upon the face of the gage-strip and carrying the arm comprising the portions projecting above and below the disk, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JAMES ESSEX.

Witnesses:
R. CAYWOOD,
J. O. JEWETT.