

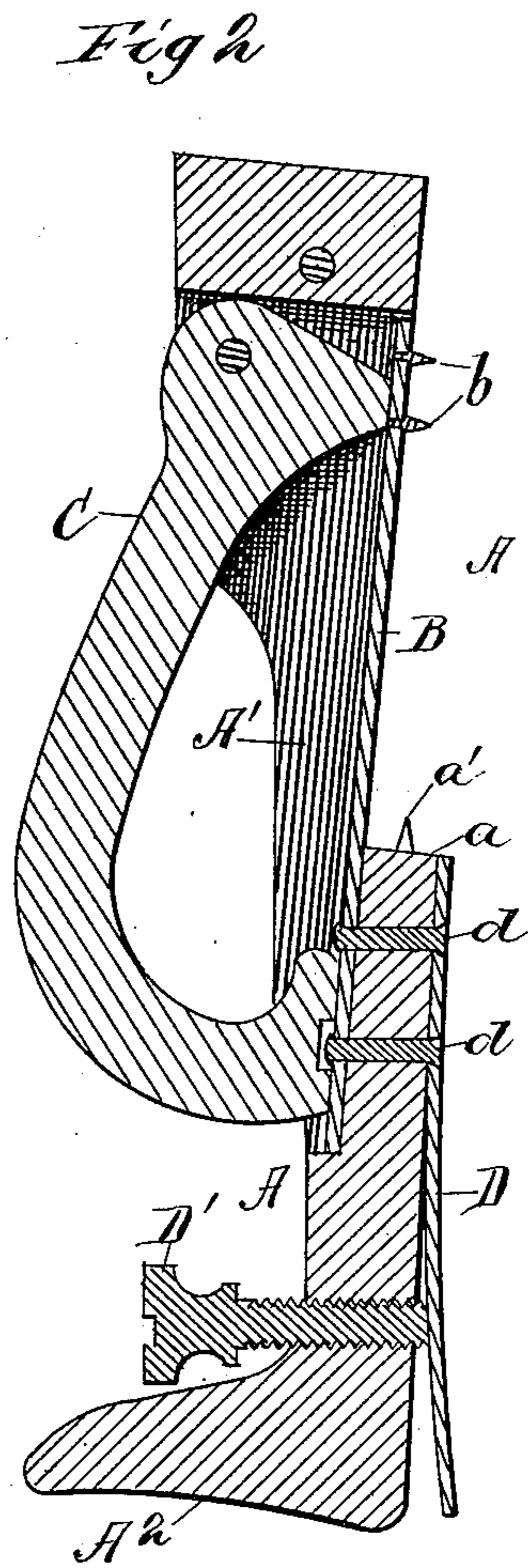
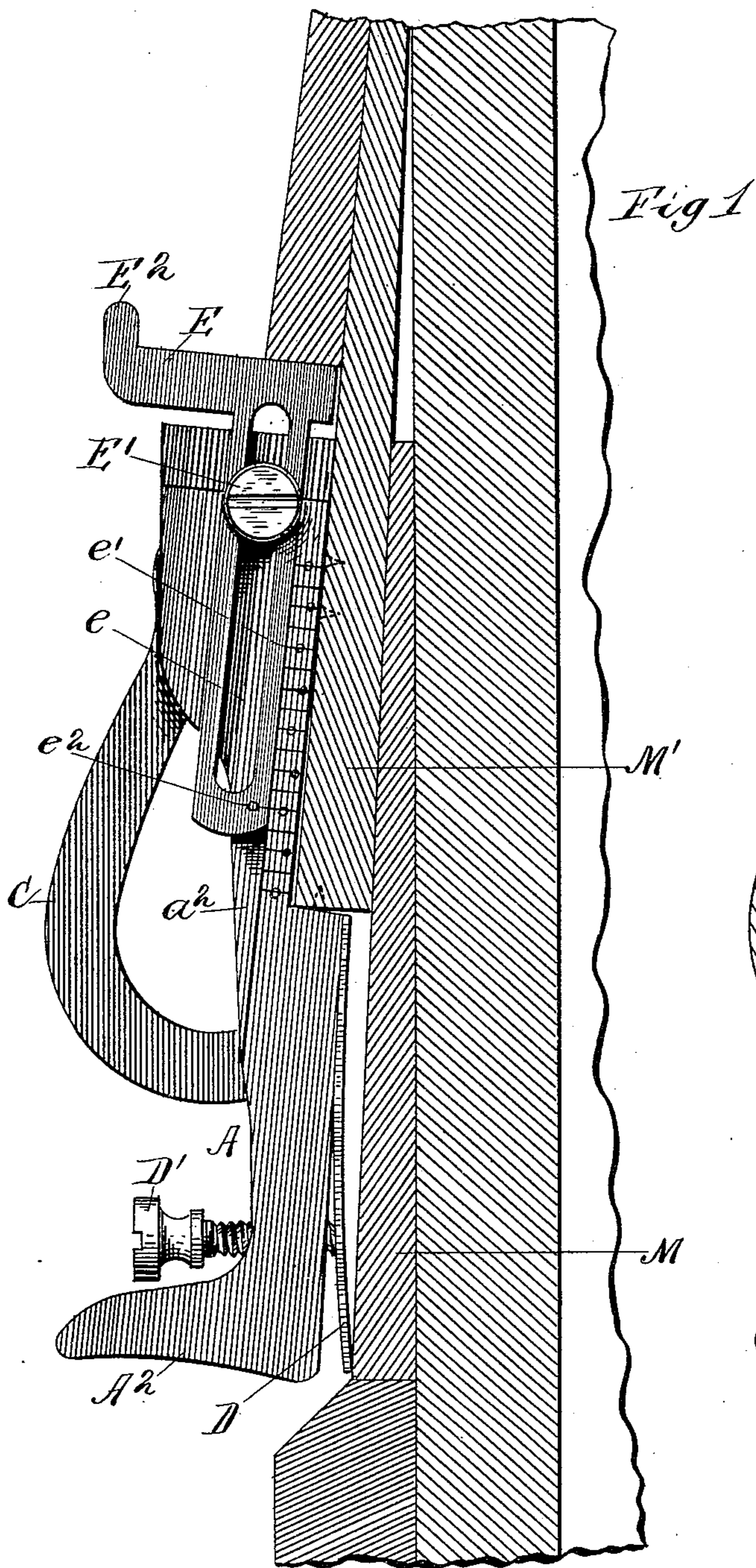
(No Model.)

P. V. MOBERG.

SIDING GAGE.

No. 370,019.

Patented Sept. 13, 1887.



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UNITED STATES PATENT OFFICE.

PETTER VICKTOR MOBERG, OF MARINETTE, WISCONSIN.

SIDING-GAGE.

SPECIFICATION forming part of Letters Patent No. 370,019, dated September 13, 1887.

Application filed May 21, 1887. Serial No. 239,020. (No model.)

To all whom it may concern:

Be it known that I, PETTER VICKTOR MOBERG, a subject of the King of Sweden and Norway, residing at Marinette, in the county of Marinette and State of Wisconsin, have invented a certain new and useful Improvement in Siding-Gages, which is fully set forth in the following specification, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of a siding-gage embodying my invention, the same being shown in operative position; and Fig. 2, a central longitudinal sectional view of the same.

Like letters refer to like parts both the figures of the drawings.

My invention relates to siding-gages, and is in the nature of an improvement upon the gage set forth in Letters Patent of the United States No. 318,280, granted to me May 19, 1885.

The object of my present invention is to improve the construction of the gage set forth in said prior Letters Patent, so that increased effectiveness shall be obtained in various respects.

To this end my invention consists in certain novel features, which I will now proceed to describe, and will then particularly point out in the claims.

In its main features the gage is substantially identical with that set forth in my said prior Letters Patent, consisting of a body, A, having formed upon it about midway a shoulder, *a*, having points or projections *a'*. The body is slotted at *A'*, and has the spring B, with points *b*, and the operating-cam C. All these parts are constructed substantially as in my Letters Patent hereinbefore referred to.

Upon the inner face of the body A, below the shoulder *a* thereof, is mounted a flat spring, D, secured at its upper end to the said face by riveting or other suitable means, as shown at *d*, these rivets being preferably also employed to secure the spring B. The spring D extends from the shoulder *a* downward to the heel of the gage, its lower free end resting normally against the body of the gage.

D' represents a screw, preferably a thumb-screw, with a slotted head, extending through a suitably-threaded aperture in the body A, near its lower end, and bearing against the free end of the spring D. By means of the screw D' the spring D may be adjusted out-

ward from the gage to any desired extent, or may be allowed to draw itself inward toward the said body. In practice the spring D serves to adapt the gage to varying thicknesses of siding and to any inequalities in the surface thereof. For instance, as shown in Fig. 1 of the drawings, the spring bears against the lower piece, M, of the siding to which it is applied and throws the upper end of the gage inward toward the next piece, M', of siding above the same, and to which the gage is attached, thereby always causing the face of the upper portion of the gage to lie properly against the piece of siding to which it is applied. It serves, moreover, to hold the gage in position with a yielding pressure, and it is readily adjustable to suit the various circumstances of each case.

Upon the lower end of the body A of the gage, below the adjusting-screw D', is formed a heel-piece and guard, A², which serves not only to render the gage more convenient to handle during the operation of pressing or hammering the same upward into position, but also as a guard to prevent the hammer blows from accidentally striking the adjusting-screw D', and thereby breaking the same.

E represents the sliding extension-piece, which is slotted at *e* to receive a thumb-screw, E', which passes through the said slot into the body of the gage and serves to clamp the sliding extension-piece in position after attachment. A suitable scale, *e'*, is formed upon the body of the gage at the side of the extension-piece E, and acts, in conjunction with an index-mark, *e''*, on the sliding piece, to determine the position of the extension. These parts are constructed substantially as in my Letters Patent hereinbefore referred to, except that the position of the index mark and scale are reversed. The head of the sliding piece E is provided at its outer end with an upward projection, E², which serves to better hold the siding and prevent the same from slipping off the gage.

In my Letters Patent hereinbefore referred to, the groove *a''* in the body A of the gage, in which groove the sliding piece E is arranged to move, is shown as a vertical groove terminating in the body of the gage and forming an angle with the inner face thereof, so that it is of necessity a short groove, and therefore

necessitates a corresponding shortening of the sliding piece and lengthening of the body A from the shoulder *a* upward. In my present construction I form this groove *a*² parallel to the inner face of the body A and extended indefinitely the entire length of the body, so that the extension-piece E may be of any desired length, thus enabling me to considerably shorten the body of the gage above the shoulder *a*, thus making it lighter and cheaper, while at the same time its range of adjustment is increased and not diminished.

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

1. A siding-gage composed of the body A, having the shoulder *a* about midway of its length, provided with points *a'*, the spring B, mounted in that portion of the body above the said shoulder and provided with points *b'*, and the cam-lever C, for operating said spring, in combination with the spring D, secured to the inner face of the body at its upper end below the shoulder *a*, and an adjusting-screw, D', for

adjusting the lower free end of the spring, substantially as and for the purposes specified. 25

2. In a siding-gage of the character described, the combination, with the body A, the spring D, and the adjusting-screw D' therefor, of the heel-piece A², to press the gage upward, and also as a guard for the adjusting-screw D', substantially as and for the purposes specified. 30

3. In a siding-gage, the combination, with the body A, having shoulder *a* about midway of its length, with points *a'*, the spring B, extending upward from said shoulder and having points *b*, and the cam-lever C, for operating said spring, of the extension-piece E, adjustable in a groove in the side of the body of the gage, the said groove being parallel with the inner face of the body above the shoulder and extending the entire length of the body, substantially as and for the purposes specified. 35 40

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