

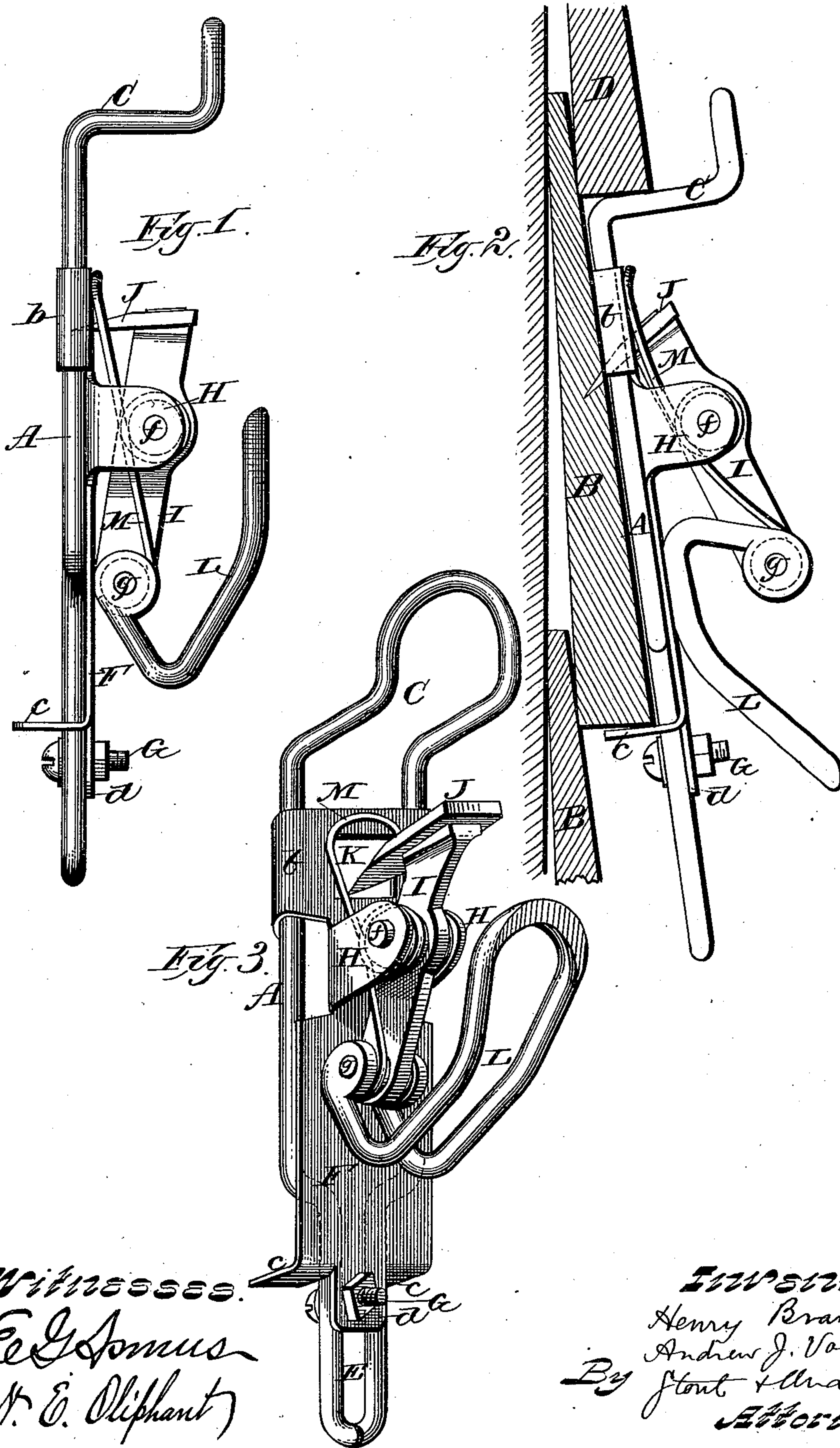
(No Model.)

H. BRAND & A. J. VOLLRATH.

ADJUSTABLE GAGE FOR SUPPORTING CLAPBOARDS.

No. 354,680.

Patented Dec. 21, 1886.



Witnesses.
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UNITED STATES PATENT OFFICE.

HENRY BRAND AND ANDREW J. VOLLRATH, OF SHEBOYGAN, WISCONSIN.

ADJUSTABLE GAGE FOR SUPPORTING CLAPBOARDS.

SPECIFICATION forming part of Letters Patent No. 354,680, dated December 21, 1886.

Application filed August 10, 1886. Serial No. 210,522. (No model.)

To all whom it may concern:

Be it known that we, HENRY BRAND and ANDREW J. VOLLRATH, of Sheboygan, in the county of Sheboygan, and in the State of Wisconsin, have invented certain new and useful Improvements in Adjustable Gages for Supporting Clapboards; and we do hereby declare that the following is a full, clear, and exact description thereof.

Our invention relates to adjustable gages for supporting clapboards; and it consists in certain peculiarities of construction, as will be hereinafter described, said invention being designed as an improvement on the device for which Patent No. 332,323 was issued, December 15, 1885, to Henry Brand.

In the accompanying drawings, making part of this specification, Figure 1 represents a side elevation of our invention; Fig. 2, a similar view showing its application, and Fig. 3 a perspective view.

Referring by letter to the drawings, A represents a skeleton frame that is adapted to rest against the flat front surface of a clapboard, B, said frame being constructed from a single piece of suitable wire. The upper end of the frame is bent in the form of an angular arm, C, that is designed to come under the lower edge of and form a support for the next succeeding clapboard, D, and retain the latter in position against the side of a building preparatory to being nailed thereto. The lower portion of the skeleton frame of our device is bent to form a guide-slot, E, the ends of the wire preferably meeting at the bottom of said slot.

Our device is adjustable to clapboards of different widths by means of a movable plate, F, that has its sides at the upper ends bent over to form sleeves *b*, that engage the adjacent sides of the frame A, and slide thereon. The lower end of the plate F has its sides bent at right angles to form wings *c*, and leave a central extension, *d*, said wings being designed to come under the lower edge of the clapboard B, while a set-bolt, G, is passed through the slot E in the skeleton frame and a perforation in the extension *d* of said plate, to retain the latter in the position to which it may be adjusted.

Bent up at right angles to the main portion of the plate F are arms H, these parts being pro-

vided with bearings for the trunnions *f* on a lever, I, the latter having a sharp point, J, connected to its upper end, this point being arranged to pass through an opening, K, in said plate, and enter the clapboard B, to thus retain the gage in position thereon. The lower end of the lever I is provided with trunnions *g*, that connect with an angular lever, L, that operates similar to the corresponding part in the patent above referred to, but differs from the latter in that it is made of a single piece of suitable wire bent to the desired form, and having its ends shaped to form eyes or bearings for said trunnions.

The ends of the wire bent over to form the bearings for the trunnions *g* are preferably welded to the sides of the lever, and the outer extremity, H, of the latter hammered down to form an increased bearing-surface for the thumb when operating said lever.

A spring, M, is arranged in the same manner and for the same purpose as that described in the former patent, and hence it is not deemed necessary to particularly describe the same in this specification. By having the frame A formed from a single piece of wire, and the plate F, with the necessary bearings, made from one piece and movable on said frame, we materially simplify and cheapen the manufacture of the gage, there being fewer parts to fit together or get out of order, while at the same time we produce such an article that is more readily adjustable to boards of varying widths.

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

1. A clapboard-gage consisting of a skeleton frame having its upper end provided with a supporting-arm, and an angular plate adjustable on the frame; said plate having a suitable opening in its upper portion, in combination with a pointed lever trunnioned in bearings on the plate, and means for operating this lever, substantially as set forth.

2. A clapboard-gage consisting of a skeleton frame made from a single piece of wire, and provided at its upper end with an angular supporting-arm, and an angular plate adjustable on the frame and provided at its upper end with a suitable opening, in combination with a pointed lever trunnioned in bear-

ings on the plate, and means for operating this lever, substantially as and for the purpose set forth.

3. A clapboard-gage consisting of a skeleton frame made from a single piece of wire, and provided at its upper end with an angular supporting-arm, and an angular plate adjustable on the frame and provided at its upper end with a suitable opening, in combination with a pointed lever trunnioned in bearings on the plate, and an angular lever made from a single piece of suitable wire, having the ends thereof pivotally connected to said pivoted lever, substantially as set forth.

4. A clapboard-gage consisting of the frame A, made from a single piece of wire bent to form the arm C, and guide-slot E, the plate F,

having the opening K, and integrally provided with the arms H, sleeves b, right-angular wings c, and extension d, and the set-bolt G, for retaining said plate in its adjusted position, in combination with the pointed lever I, spring M, and angular lever L, all arranged to operate substantially as and for the purpose set forth.

In testimony that we claim the foregoing we have hereunto set our hands, at Sheboygan, in the county of Sheboygan and State of Wisconsin, in the presence of two witnesses.

HENRY BRAND.

ANDREW J. VOLLRATH.

Witnesses:

OTTO FOEST,

ALFRED KREG.