

M. WILCOX.
SPIRIT-LEVEL.

No. 178,354.

Patented June 6, 1876.

Fig. 1.

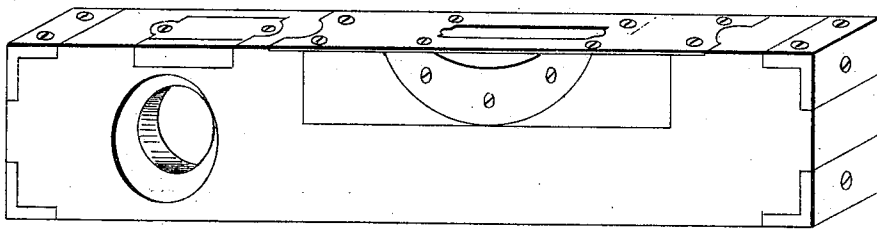
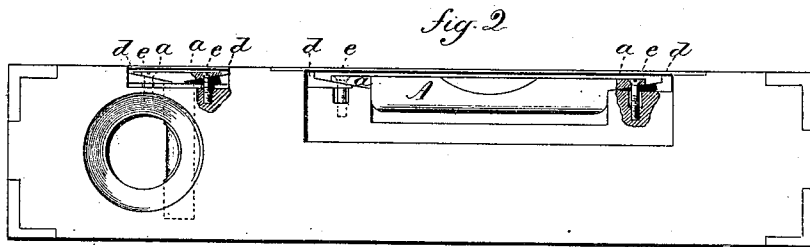


Fig. 2.



Witnessed.

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MARTIN WILCOX, OF NEW HARTFORD, CONNECTICUT.

IMPROVEMENT IN SPIRIT-LEVELS.

Specification forming part of Letters Patent No. **178,354**, dated June 6, 1876; application filed March 9, 1876.

To all whom it may concern :

Be it known that I, MARTIN WILCOX, of New Hartford, in the county of Litchfield and State of Connecticut, have invented a new Improvement in Spirit-Level; and I do hereby declare the following, when taken in connection with the accompanying drawings and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, perspective view; Fig. 2, sectional side view.

This invention relates to an improvement in what are termed "spirit-levels," the object being a simple device for adjusting the glass; and it consists in constructing the glass-holder with its supporting-ears inclined upon the under side, combined with adjustable correspondingly-inclined seats.

A is a level glass-holder, constructed at its two ends with a lug or ear, *a*, inclined upon the under side, as shown. Beneath these two ends the adjustable seats *d* are arranged. These are inclined upon their upper surfaces, corresponding to the incline of the lugs *a*, and are slotted, so that the screw *e*, which is in-

troduced through the ear, and run into the wood, will pass through the slots in the seats, the seats *d* resting solidly upon the wood below.

To adjust the glass, either of the seats *d* is forced beneath its respective ear, or drawn therefrom until the bubble indicates the perfect level. In that condition the screws *e* are set, thus securing the glass-holder and the seats in place.

The transverse or plumb glass is adjusted and secured in the same manner, save that the inclined ears are formed at one end of the glass-holder, and at right angles thereto, as seen in Fig. 2, the same letters in that portion of the drawing indicating the same parts.

I claim—

The combination, in a spirit level, of the inclined lug *a* on the glass-holder, the correspondingly-inclined adjustable seat *d*, and set-screw *e*, through both lug and seat, substantially as specified.

MARTIN WILCOX.

Witnesses:

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