L. B. INGOLD.

SIDING-GAGES.

No. 184,081. Patented Nov. 7, 1876.

Fig: 1.

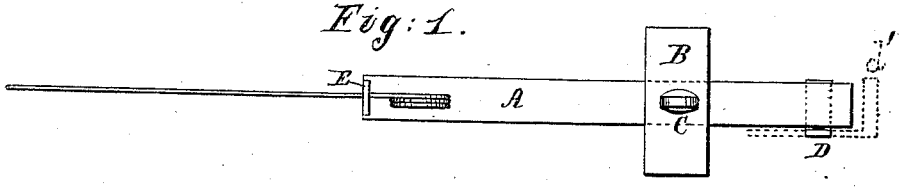


Fig: 2.

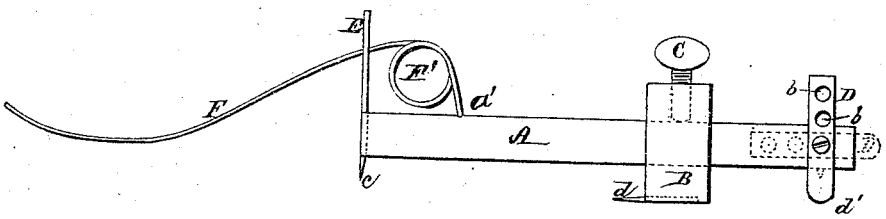


Fig: 3.

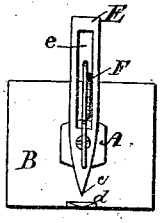
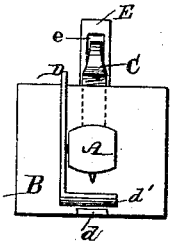


Fig: 4.



WITNESSES

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LAURISTON B. INGOLD, OF LIBERTY, IOWA.

IMPROVEMENT IN SIDING-GAGES.

Specification forming part of Letters Patent No. 184,081, dated November 7, 1876; application filed July 28, 1876.

To all whom it may concern:

Be it known that I, LAURISTON BONAPART INGOLD, of Liberty, in the county of Clarke and State of Iowa, have invented certain new and useful Improvements in Siding-Gages; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 is a plan view. Fig. 2 is a side view. Fig. 3 is a view of the upper end of the gage. Fig. 4 is a view of the lower end of the gage.

My invention relates to a siding-gage, constructed as hereinafter described.

A is the bar of a common gage, provided with a measuring-scale. B is the slide-block, provided with a set-screw, C, at the top, and a blade, *d*, at the bottom, to be inserted under the lower edge of the top board. D is a lever, pivoted to the side of the bar A, and provided with holes *b b*, for adjusting the length of the lever, and with a bearing-arm, *d'*, for raising the lever end of the bar A, and forcing the spur at the other end into the upper part of the board. E is a plate provided with a slot, *e*, in the upper part, and spur *c* at the lower end, and is fitted in a recess in the upper end of the bar A, and attached to the bar by a screw through a hole in the plate, as shown in Figs. 2 and 3 of the drawings. F is a spring-wire holder, attached to the bar A at *a'*, provided with a coil-spring, F', and the upper part extends through the slot *e* in the plate E, and sufficiently above that plate to support, in an upright position, the unnailed board. This wire holder is held laterally by the plate E, and it is made with a sufficient number of coils to furnish the requisite strength and spring to be readily adjusted to receive and hold in place the unnailed board. The lever D is pivoted to the side of the bar A, and near enough to its end to extend the bearing-arm *d'* beyond the end of the bar for the purpose of folding the lever down parallel with the bar, as shown by dotted lines in Figs. 1 and 2, when the tool is used for a common gage, in which case the spring-wire holder E is removed from the gage.

In using this tool for a siding-gage, the lever D being turned down, as shown by dotted lines in Fig. 1, and the sliding block adjusted at the required position, the blade *d* is inserted under the edge of the top board, and the lever is then turned up, as shown in Figs. 2 and 4, pressing the bearing-arm *d'* against the surface of the lower board, throwing outward the lower end of the bar, and forcing the spur *c*, at the other end of the bar, into the upper part of the top board, and the next board to be nailed is then placed in position, with the lower edge resting on plate E, and the board held upright by the wire holder F.

What I claim as new, and desire to secure by Letters Patent in siding-gages, is—

The combination of the gage-bar A, having a slide-block, B, provided with a blade, *d*, the lever D, pivoted to the side of the bar, and provided with a bearing-arm, *d'*, the slotted rest-plate E, provided with the spur *c*, and the spring-holder F, substantially as and for the purposes described.

In testimony that I claim the foregoing as my own invention, I affix my signature in presence of two witnesses.

LAURISTON BONAPART INGOLD.

Witnesses:

GEO. W. WILSON,

D. D. WILSON.