

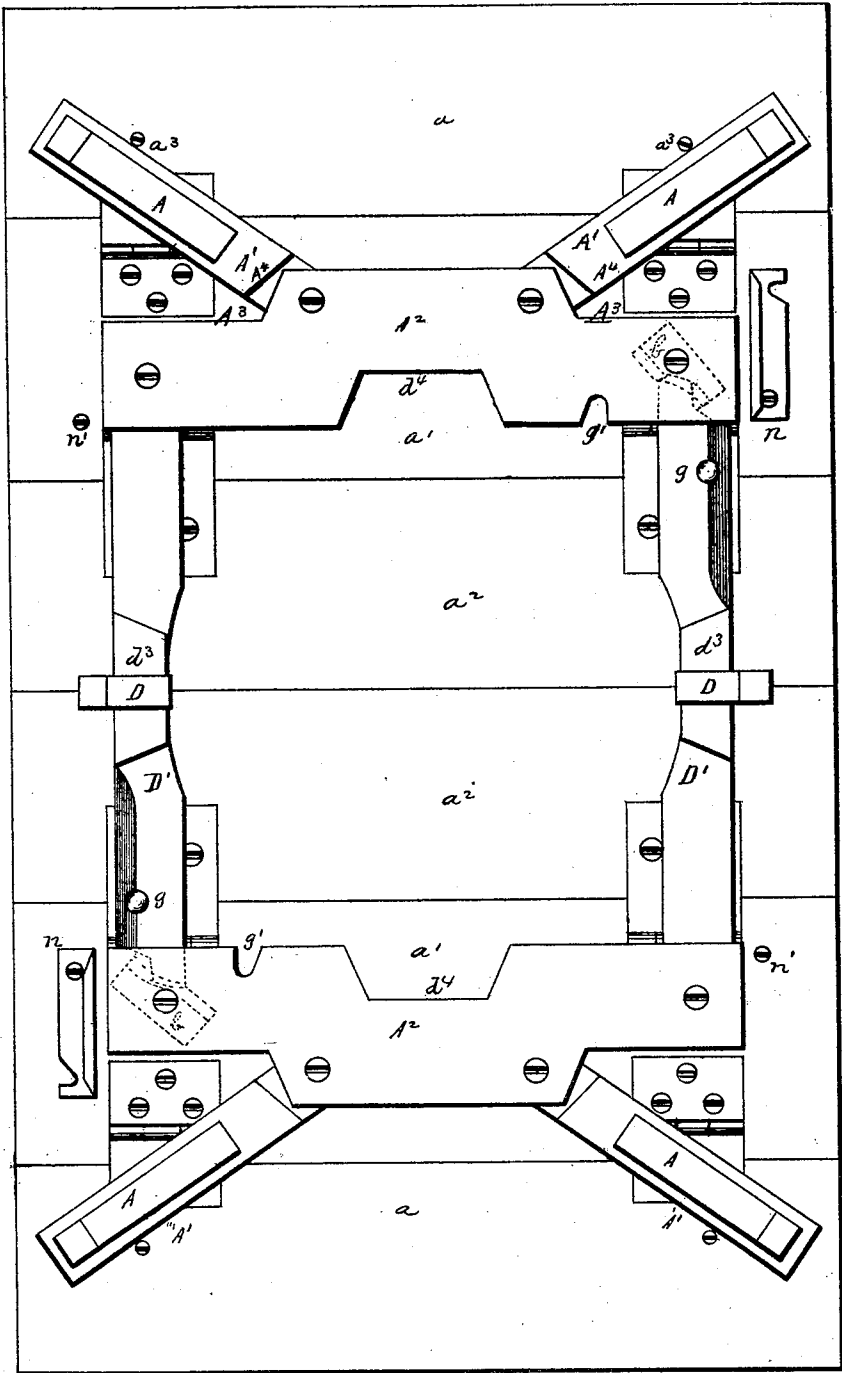
L. SHOWALTER.

Improvement in Extension-Tables.

No. 128,330.

Patented June 25, 1872.

Fig. 1.



WITNESSES.

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Fig. 2.

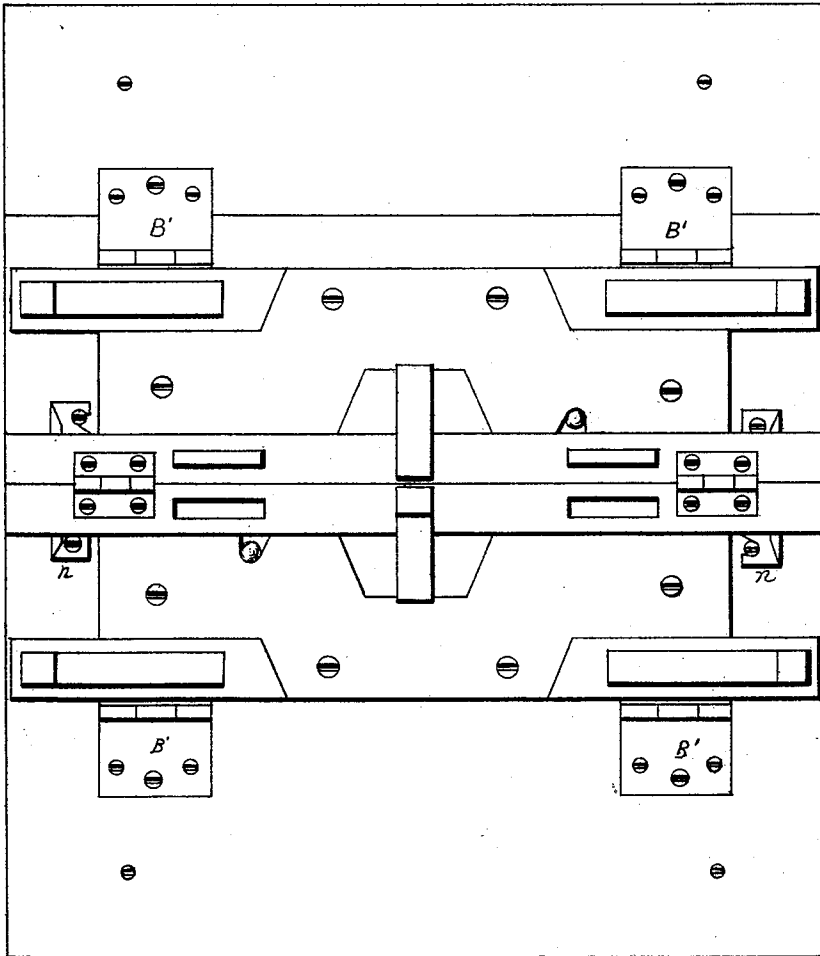
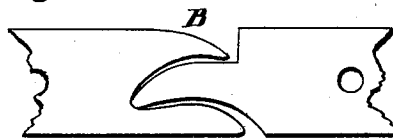


Fig. 3.



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UNITED STATES PATENT OFFICE.

LEVI SHOWALTER, OF BEETOWN, WISCONSIN.

IMPROVEMENT IN EXTENSION TABLES.

Specification forming part of Letters Patent No. 128,330, dated June 25, 1872.

To all whom it may concern:

Be it known that I, LEVI SHOWALTER, of Beetown, in the county of Grant and State of Wisconsin, have invented a new and valuable Improvement in Extension Tables; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of an under-side view of my improved table fully extended. Fig. 2 is an under-side view of the same table partly folded. Fig. 3 is a detail view.

This invention has relation to extension dining-tables; and consists in the construction and novel arrangement of the bars to which the legs are attached, and which are adjustable to uphold the leaves according as the table is extended, substantially as hereinafter described.

The table to which my invention relates is represented as having six leaves, hinged together, and six legs.

The legs A are attached to the ends of bars A¹, which are pivoted to cleats A², secured to the leaves a¹. These cleats are so arranged, by means of blocks b, as to leave spaces between their upper surfaces and the bottom of the table. The legs A are arranged in pairs, and the inner ends of the bars to which they are attached are connected by means of the tongue-and-groove arrangement B, shown at Fig. 3. The object of this arrangement is to make both legs work together, so that when one is drawn out or pushed back the other will be also similarly moved. The bars A¹ and legs A serve to uphold the leaves a when drawn out underneath them. The cleats A² allow the bars A¹ to work above them, and are recessed at A³ to receive the shoulders A⁴, and to allow the bars A¹ to be pushed back behind the hinges B¹. Stops a³ regulate the distance to which the legs A are to be drawn out. D designates the middle legs, attached to sweeping bars D', pivoted at one end to the

cleats A². These bars are pivoted respectively at opposite sides of the table, and are arranged to be swung out underneath the leaves a² when the latter are lifted. The free ends of each of said bars, when the bar is swung out, passes above the end of the opposite cleat and strikes one of the blocks b, which limits its movement. The legs D are secured to the middle parts of said bars, and hence fall directly below the joint of the two leaves a². When the bars D' are pushed back their ends lie above the cleats, while the enlarged middle parts d³ enter recesses d⁴. The handles g, by means of which the bars D' are moved, also enter recesses g'.

It will be seen that the hinges h, which attach the leaves a¹ to the leaves a², are arranged to work at such a distance outside the edges of the leaves a² that said leaves may be dropped down, as shown in Fig. 2, and the correspondingly tongued-and-grooved edges of the leaves a¹ brought together.

Notched plates n, pivoted each to one of the leaves a¹, cross the joint between the leaves and connect with studs n' on the opposite leaves, thus holding the leaves a¹ together.

The arrangement of leaves enables this table to be folded up in various ways, for convenience in transportation, &c.

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

1. The pivoted bars A¹, holding the legs A, and connected for mutual operation by means of the tongue-and-groove arrangement B, substantially as specified.

2. The combination, with the fixed leaves a¹, having the notched and slotted cleats A², the interlocking leg-bars A¹, and the latching side-leg bars D', of the end leaves a a and center leaves a² a², all constructed and arranged substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

LEVI SHOWALTER.

Witnesses:

JACOB ROCKEFELLER,
RITNER STEPHENS.