

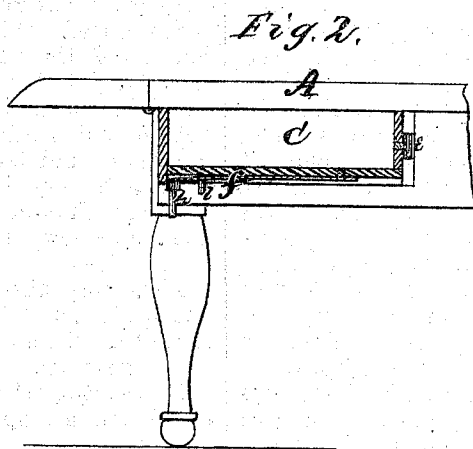
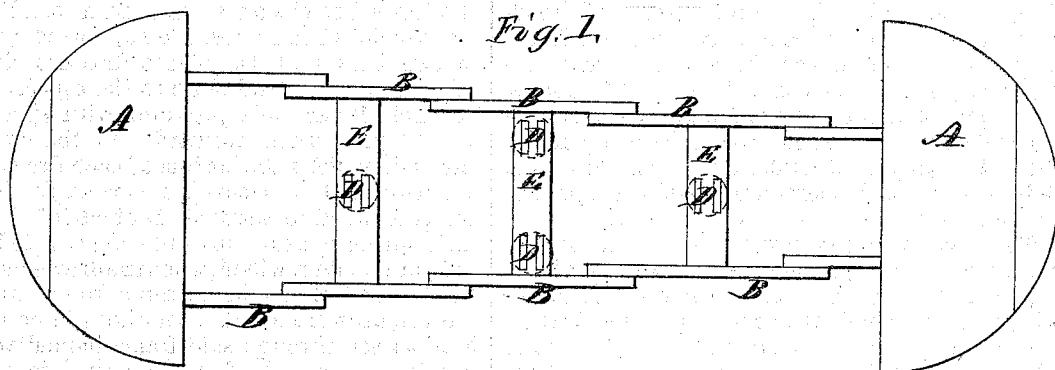
OFFICE

LOUIS MENZER.

Improvement in Extension Tables.

No. 120,760.

Patented Nov. 7, 1871.



Witnesses:
Jas. A. Ellis.
J. White.

Inventor
Louis Menzer.
Per.
J. H. Alexander
Atty.

UNITED STATES PATENT OFFICE.

LOUIS MENZER, OF GOODRICH, MICHIGAN.

IMPROVEMENT IN EXTENSION-TABLES.

Specification forming part of Letters Patent No. 120,760, dated November 7, 1871.

To all whom it may concern:

Be it known that I, LOUIS MENZER, of Goodrich, in the county of Genesee and State of Michigan, have invented certain new and useful Improvements in Extension-Tables; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon which form a part of this specification.

The nature of my invention consists in the construction and arrangement of drawers to keep the hinged leaves in position when raised, all of which will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a plan view, showing the ends of the legs through the cross-bars; Fig. 2, a section of one of the drawers.

A represents the bisected top, and B B the slides of an extension-table. Each of these slides is made of five pieces of wood, *a a*, *b*, and *d d*. The top and bottom pieces *a a* are cut each with a V-shaped groove along one edge, and in the center of the same a deep perpendicular groove. The center piece *b* is cut of such size as to fit in the perpendicular grooves in the top and bottom pieces *a a*. This piece *b* should, however, be so cut that, when placed in the pieces *a a*, the grain of the timber will be reversed, thereby preventing splitting, and making it stronger. The pieces *d d* are cut with a V-shaped groove along both edges and inserted between the pieces *a a*, one on each side, at opposite ends of the center piece *b*, one-half of said pieces *d d* extending beyond the pieces *a a* to slide in the adjoining slide *b*. The five pieces *a a*, *b*, and *d d* are glued together

so as to form a solid compact table. The ends of the top A are cut off so as to form small leaves A', which, when raised, are supported by means of two drawers, C C. These drawers slide immediately under and close to the top A, and are on their inner ends provided with springs *e e*, which throw them forward. In the center, on the under side of the bottom of each drawer, near the inner end, is secured a spring, *f*, which extends forward to near the front end of the same. This spring is near the front end provided with a hole or opening, which, when the drawer is closed, catches on a pin, *i*, in the table-frame, thus holding the drawer closed. Another pin or trigger, *h*, is passed through said frame immediately under the front end of the spring *f*, so that by pressing on the said pin or trigger the spring *f* is released from the pin *i*, allowing the springs *e e* to throw the drawer sufficiently forward to support the leaf. D D represent the legs which support the slides B B. These legs are secured to cross-bars E E and said cross-bars screwed to the slides, as shown, so that if at any time any part should require repair, by unscrewing said cross-bars and legs the slides can be taken all apart with very little trouble.

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

The combination of the drawer C, springs *e e* and *f*, pin *i*, and trigger *h*, all constructed and arranged substantially as and for the purposes herein set forth.

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

LOUIS MENZER.

Witnesses:

J. C. KORE,
JOHN Q. ADAMS.

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