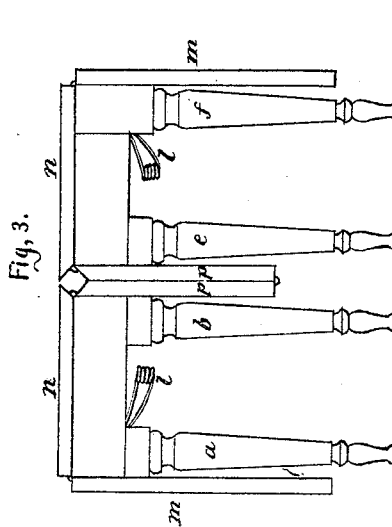
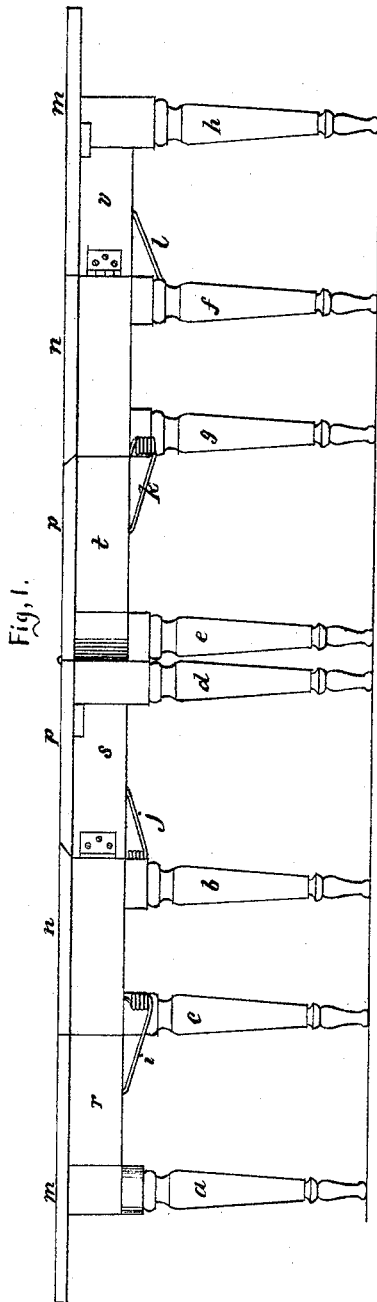


F. MENZER.

Improvement in Extension-Tables.

No. 114,319.

Patented May 2, 1871.



Inventor,
Frederick Menzer
 By his Attorney
J. C. Robbins

Witnesses,
M. Morris Smith
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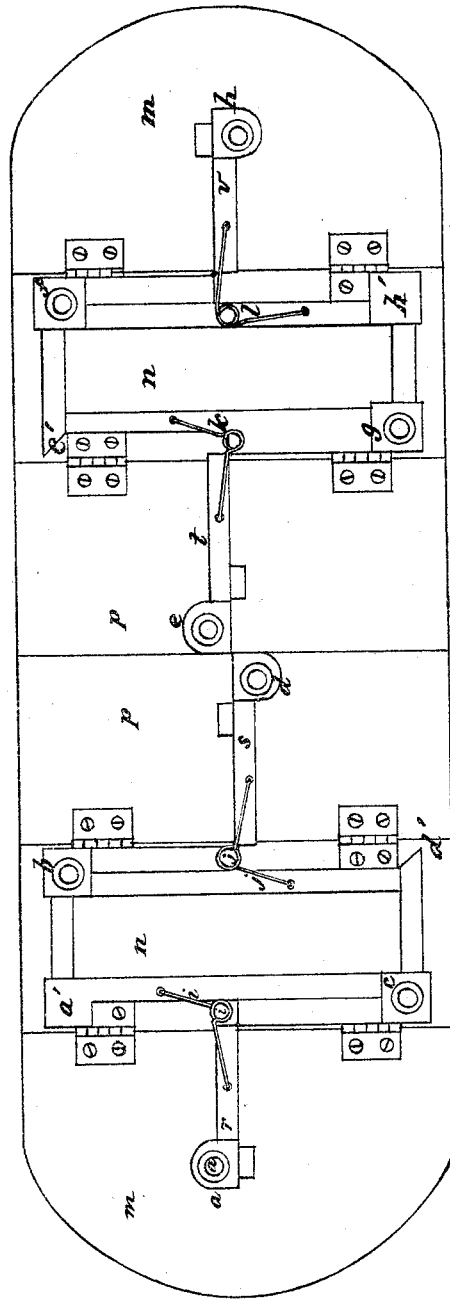
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Fig. 2.



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United States Patent Office.

FREDERICK MENZER, OF FLINT, MICHIGAN, ASSIGNOR TO HIMSELF AND
WILLIAM TRACEY, OF SAME PLACE.

Letters Patent No. 114,319, dated May 2, 1871.

IMPROVEMENT IN EXTENSION-TABLES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, FREDERICK MENZER, of Flint, in the county of Genesee and State of Michigan, have invented a new and improved Extension-Table; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing which forms a portion of this specification.

Figure 1 is a side elevation; and

Figure 2, a bottom view of my improved table when extended to its full length; and

Figure 3, a side view of the same when in its most compact form.

I first construct two independent four-legged tables, each table having two permanent legs and two legs secured thereto by hinges, and each table having a permanent top, *n*, and two hinged leaves, *m p*.

In figs. 1 and 2 of the drawing *c b* indicate the permanent legs of the left-hand portion of my improved extension-table; and

a d, the jointed legs of the same.

And in said drawing *f g* indicate the permanent legs of the right-hand portion of said table; and

e h, the hinged legs of the same.

The inner leaves *p p* of the respective portions of my improved table are of a rectangular shape, and their outer edges are connected to each other by hinges, as shown in figs. 1 and 3.

The outer leaves *m m* of the said portions of my improved table may be of a rectangular shape, or may have their outer edges rounded or curved, as represented in the drawing.

The legs *a d e h* are respectively joined to the sections *r s t v*, which sections are connected by suitable hinges with the frame-work of the table, and are respectively combined with the springs *i j k l*, in the manner shown in the drawing.

When the leaves *m m* are turned upward from a hanging to a horizontal position the legs *a h* will be instantly swung outward by their respective springs to the positions represented in figs. 1 and 2, and will consequently securely retain said leaves in the last-named position.

When the respective end portions of the table are drawn outward from each other and their leaves *p p* are elevated to a horizontal position, the legs *d e* will be instantly swung around by their respective springs to the positions shown in fig. 2, in which positions they will firmly hold the said table-leaves in the horizontal position represented in fig. 1.

When it is desired to put the extended table into its most compact form again the legs *a d e h* are respectively turned inward to the positions indicated in fig. 2 by *a', d', e', and h'*, which will allow the leaves *m m* and *p p* to be lowered to the positions shown in fig. 3.

It will be perceived that my improved extension-table can be extended from its most compact to its most extended form, and *vice versa*, by a single person, and that it can be changed from one position to the other without the removal or the addition thereto of any auxiliary parts.

I claim as my invention—

The spring-actuated hinged legs *a h* and *d e*, in combination with the frame-work and the leaves *m m* and *p p* of my improved extension-tables, substantially as and for the purpose herein set forth.

The foregoing specification of my improved extension dining-table signed and witnessed this 30th day of March, 1871.

FREDERICK MENZER.

Witnesses:

WM. STEVENSON,
GEO. H. DUROND.