H. W. KINNEY.

Extension-Table.

No. 204,982. Patented June 18, 1878.

Fig. 1.

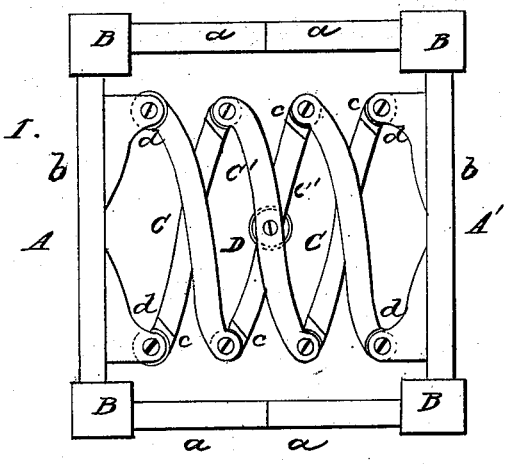


Fig. 2

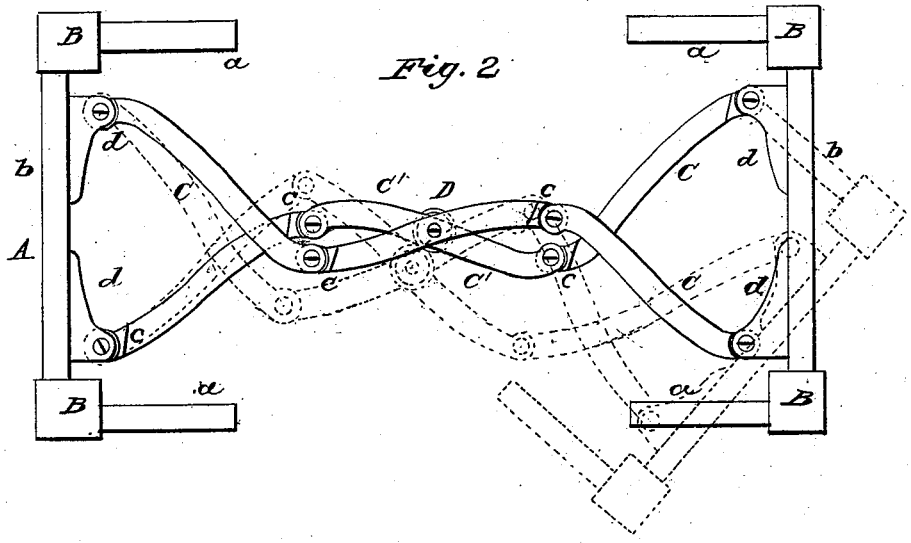


Fig. 3.

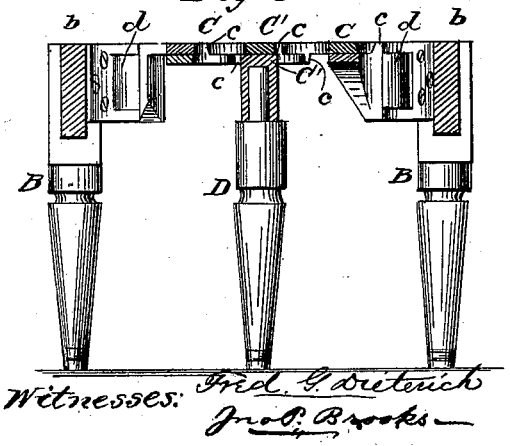
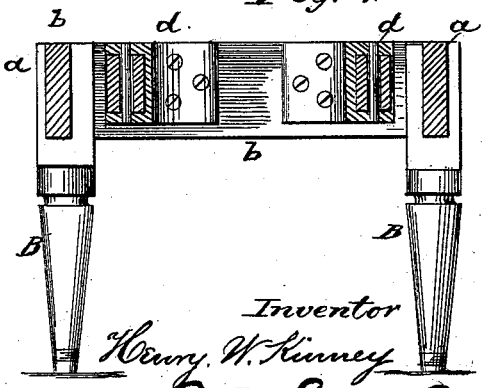


Fig. 4.



Witnesses: Fred. G. Dieterich, Jno. P. Brooks

Inventor: Henry W. Kinney

by C. A. Snow & Co attys

UNITED STATES PATENT OFFICE.

HENRY W. KINNEY, OF ST. JOHNSBURY, VERMONT.

IMPROVEMENT IN EXTENSION-TABLES.

Specification forming part of Letters Patent No. **204,982**, dated June 18, 1878; application filed April 18, 1878.

To all whom it may concern:

Be it known that I, H. W. KINNEY, of St. Johnsbury, in the county of Caledonia and State of Vermont, 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 of the invention, 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, which form a part of this specification, and in which—

Figure 1 is a plan view of the table closed, the top having been removed. Fig. 2 is a plan view of the table extended, the top having been removed. Fig. 3 is a vertical longitudinal section, and Fig. 4 is a vertical cross-section.

Similar letters of reference denote corresponding parts in all the figures.

This invention relates to the application to an extension-table of the lazy-tongs principle, to enable such table to be folded or extended easily, and to a greater extent than can be otherwise readily accomplished, substantially as will be hereinafter more fully shown and described.

The frame of my improved extension-table is made in two parts, which, in the drawings, are denoted by the letters A A′. Each of these parts consists of side pieces *a a*, the ends of which meet when the table is folded, braces or end pieces *b b*, and legs B B. C C are the arms forming the lazy-tongs for the extension of the table. These are hinged together at the ends, as shown, and each arm is provided with lugs *c c* at each end, in order to brace and support the arms next to it, and to prevent the table from sagging when heavily loaded. The central arms C′ C′ are pivoted together, and under the pivoting-point is secured the central leg D. As shown in the drawing, the lower one of the arms C′ may be shaped with a socket to receive the leg D; but this is not essential.

As will be seen by reference to Fig. 4 of the drawings, the hinges *d d*, by which the end arms C C are connected to the end pieces or braces *b b*, are of as great width as the width of the said end pieces will allow. This is in order to insure strength and to prevent the ends of the table from swaying or breaking down.

The operation and advantages of my invention will be readily understood from the foregoing description and by reference to the drawings hereto annexed. The table may be easily and rapidly adjusted to any required size, extra leaves being, of course, provided; and, as shown in dotted lines in Fig. 2 of the drawings, a segmental or even a circular table may be formed, wedge-shaped leaves being in such case provided to form the top.

I do not wish to be understood as limiting myself to the precise construction and arrangement of details herein shown and described; but,

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

In an extension-table, the lazy-tongs or arms C C′, provided with the lugs or projections *c c*, to brace the jointed ends of said arms or tongs to prevent the sagging of the table, substantially as shown and described.

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

HENRY WOODS KINNEY.

Witnesses:

F. W. HARVEY,

I. H. SWITZER.