

E. C. PALMER.
PIVOTED FOLDING TABLE LEG.
APPLICATION FILED DEC. 10, 1921.

1,429,969.

Patented Sept. 26, 1922.

Fig. 1.

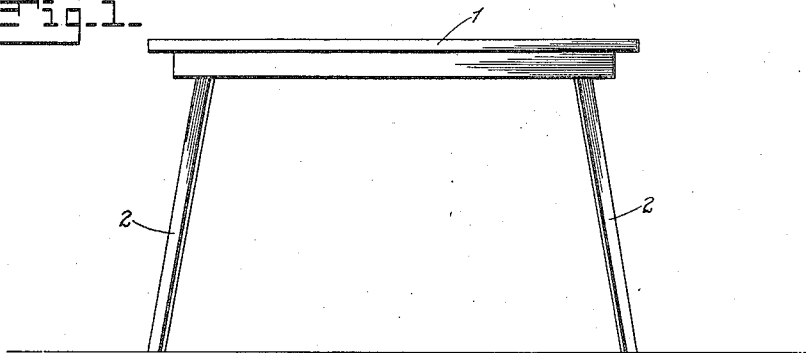


Fig. 2.

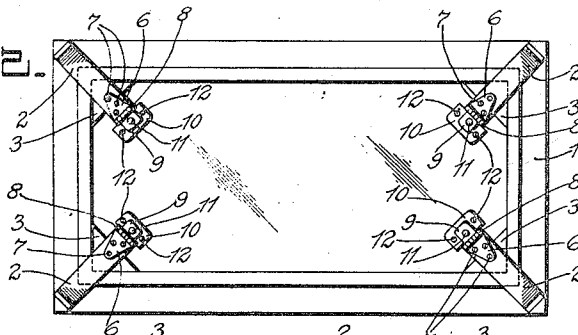


Fig. 3.

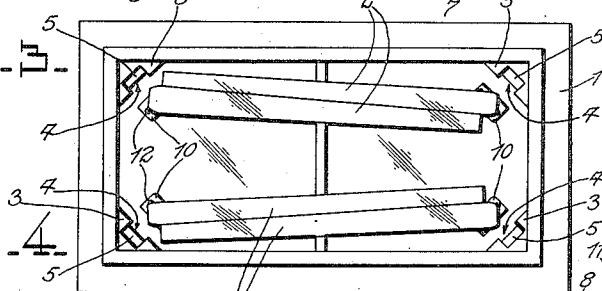


Fig. 4.

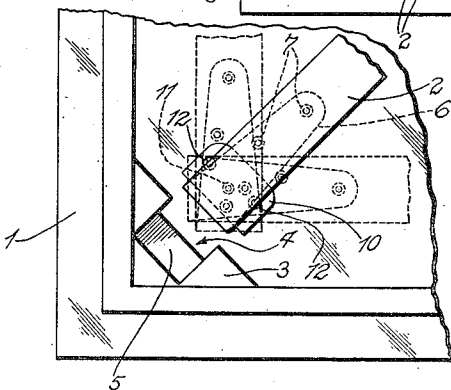
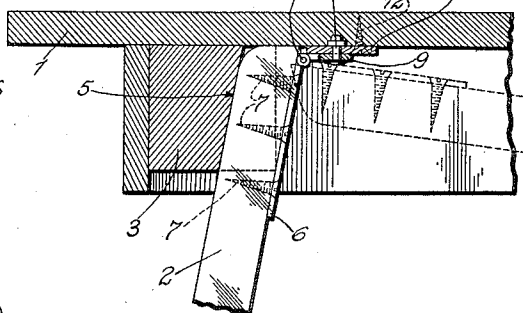


Fig. 5.



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UNITED STATES PATENT OFFICE.

EVERETT C. PALMER, OF ST. CHARLES, MISSOURI.

PIVOTED FOLDING TABLE LEG.

Application filed December 10, 1921. Serial No. 521,500.

To all whom it may concern:

Be it known that I, EVERETT C. PALMER, a citizen of the United States of America, and resident of St. Charles, in the county of St. Charles, State of Missouri, have invented a new and useful Pivoted Folding Table Leg, of which the following is a specification.

While adapted for use in connection with chairs and various other articles of furniture, this invention is primarily intended for attachment to work-benches and other forms of tables (such as those used in factories for the support of power-driven sewing machines) which are subjected to constant vibration and has for an object the provision of means by which such vibration is substantially eliminated.

A further important object is the provision of means whereby the leg may be turned upon a pivot and folded against the under surface of the table when the latter is not in use or is to be transported.

In the accompanying drawing, wherein like numerals refer to like parts throughout, Figure 1 is a side elevation of a table showing the position assumed by the legs when lowered; Figure 2 a plan view of the under surface of the table with the legs thereof in the position shown in Figure 1; Figure 3 a plan view of the under surface of the table with the legs in folded position; Figure 4 a detail view, on enlarged scale, of a corner of the under surface of the table showing the recessed block into which the leg fits when lowered and the various positions which the leg can assume when turned upon its pivot after removal from said block; and Figure 5 a partly sectional view of the corner shown in Figure 4 depicting the manner in which the leg fits within said block and thus prevents vibration of the table.

1 indicates the top of the table and 2 the legs thereof. At each corner of the under surface of the table is affixed a block 3 provided with a recess 4 having an inclined wall 5 so that the leg, when lowered, will assume the position shown in Figures 1, 2 and 5.

A plate 6 is secured to one face of the leg near its upper extremity by screws 7 and

hingedly connected at 8 with a plate 9 which is fastened to plate 10 by a pivot bolt 11, plate 10 being affixed to the under surface of the table, opposite and adjacent to said recess, by screws 12.

When the table is to be used, the legs are lifted from the position shown in Figure 3, turned upon pivot 11 to the position shown (in full) in Figure 4 and then drawn within recess 4, the latter having substantially the same width as the legs and thus securing the latter against the rocking or side-wise movement common to ordinary table-legs.

When not required, the table may be placed on edge and a number thereof stored in small space or conveniently transported by forcing the legs inwardly upon hinge 8, turning upon said pivot and lowering to the position shown in Figure 3.

What I claim as new and desire to secure by Letters-Patent is:—

1. Means for supporting a table comprising a hinged member having a section pivotally secured to and rotatable upon a plate affixed to the under surface of the table and a section secured to a leg or post disposed adjacent to the corners of the table, whereby the leg may be turned and swung upwardly against the under surface of the table when the latter is not in use.

2. Means for supporting a table comprising a hinged member having a section pivotally secured to a plate affixed to the under surface of the table, a section secured to a leg or post disposed adjacent to the corners of the table, and a block disposed opposite said plate having a recess adapted to receive the upper portion of said leg.

3. Means for supporting a table comprising a hinged member having a section pivotally secured to a plate affixed to the under surface of the table, a section secured to a leg or post disposed adjacent to the corners of the table, and a block disposed opposite said plate having a recess adapted to receive the upper portion of said leg, the rear face of said block being inclined.

EVERETT C. PALMER.

Witnesses:

JNO. G. DUEBBERT,
C. E. MYERS.