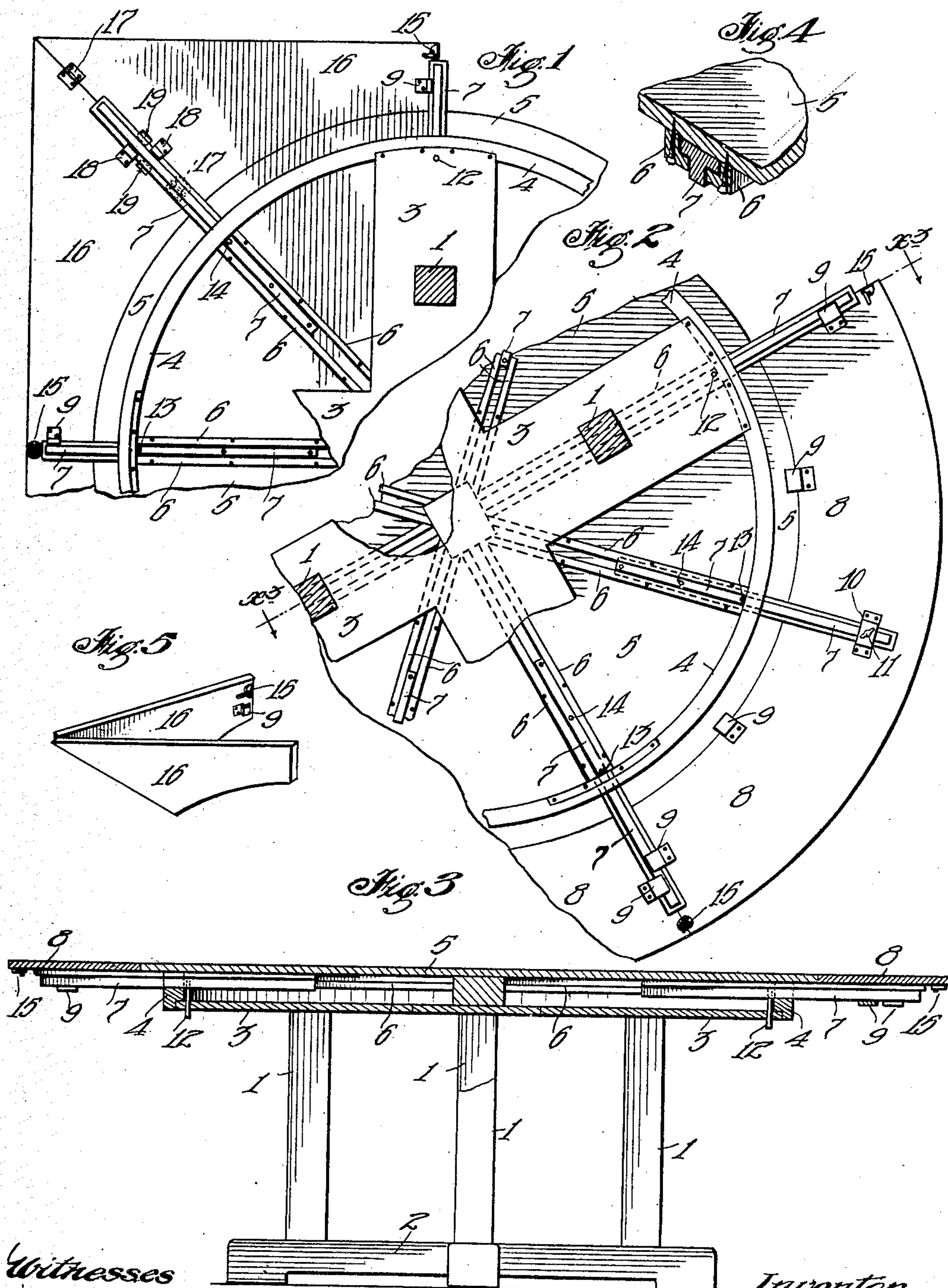


No. 860,407.

PATENTED JULY 16, 1907.

C. E. NASH.  
EXTENSION TABLE.  
APPLICATION FILED MAY 21, 1906.



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# UNITED STATES PATENT OFFICE.

CARL ENOS NASH, OF PASADENA, CALIFORNIA.

## EXTENSION-TABLE.

No. 860,407.

Specification of Letters Patent.

Patented July 16, 1907.

Application filed Mar. 21, 1906. Serial No. 318,098.

*To all whom it may concern:*

Be it known that I, CARL ENOS NASH, a citizen of the United States, residing at Pasadena, in the county of Los Angeles and State of California, have invented a new and useful Extension-Table, of which the following is a specification.

This invention relates to extension tables, and the main object of the invention is to provide a round table which may be extended to form either a larger round or square table.

Another object is to provide extensible supports which are adjustable to accommodate either the square or round extension leaves and which will rigidly hold either form of leaves firmly in place.

A further object is to provide an extension leaf for a round table which will, while enlarging the round table, give the enlarged table top a square outline and which can be compactly folded when not in use.

Further objects and advantages will appear from the following description.

The accompanying drawings illustrate the invention and referring thereto:—Figure 1 is a view of a portion of the table when extended to form a square top, the view being taken looking at the under side of the table with a leg section. Fig. 2 is a similar view of the table extended to form a round top. Fig. 3 is a vertical section taken diametrically through the entire table of the form shown in Fig. 2 along a diametrical line as  $x^3-x^3$  Fig. 2. Fig. 4 is a perspective view partly in section of a portion of the permanent top, showing the extensible support and its guide in section. Fig. 5 is a perspective view of a square extension leaf partially folded.

1 designates the legs of the table mounted on a base 2, and supported by the legs 1 is a frame 3 comprising four radiating arms and mounted on the frame 3 is a circular rim 4. Resting on the rim 4 and permanently attached thereto is a round permanent top 5, to the under side of which is secured a series of radiating guides 6 partially shown in detail in Fig. 4. Slidably mounted in the guides 6 are extensible supports, 7, the rim 4 being provided with openings in line with the respective guides 6 to enable the extensible supports 7 to pass therethrough. When the table is not extended the extensible supports 7 are all pushed toward the center of the table so that their outer ends do not project beyond the edge of the round top 5.

Fig. 2 shows the form of leaf which is used in extending the table to form an extended round table, the leaf comprising a curved segmental member or quadrant 8, the concave rim of which conforms to the convex rim of the top 5. There are four leaves 8, and when in position each leaf rests on three extensible supports 7, four of the supports 7 serving to support adjoining ends of the leaves 8, the other extensible supports 7 each lying under the middle of its respective leaf 8 as shown. Each leaf 8 is provided with retaining lugs or clips 9

which project under the edge of the round top 4 and hold the inner edge of the leaf 8 firmly against the supports 7 and flush with the top 5. The ends of the leaves 8 are also provided with similar lugs 9 which clasp under the supports 7 and thus firmly hold the outer portion of the leaves 8 from rising. Each leaf 8 is also provided with a strap 10 through which the middle support 7 for the leaf passes, there being a thumb screw 11 in each strap for clamping the leaf firmly to the support and also serving to prevent accidental inward movement of the support 7.

Attached to the inner face of the rim 4 are vertical bolts 12 which are adapted to take into bolt holes 13 or 14 in the support 7. When the table is equipped with the round extension leaves, all of the extension supports 7 lie at an equal distance from the center of the table and the bolts 12 engage in the holes 13 and prevent the supports from accidentally moving outward. The adjoining ends of the leaves 8 may be detachably secured together by any suitable device such as the fasteners 15.

When the table is to be extended to form a square table, the form of leaf shown in Figs. 1 and 5 is employed, which consists of two symmetrical members which are fastened together by hinges 17, thus forming a leaf with a concave inner edge which conforms to the contour of the permanent round top 5, the two outer edges of each leaf 16 being perpendicular to each other so that when the four leaves are in place a square top is formed. The ends of the leaves 16 are provided with fasteners 15 and with clips 9, before described, while each member of the leaf near the joint of the leaf is provided with a clip 18, the two clips 18 as well as the two clips 9 being staggered as shown in Fig. 1, and the respective members of the leaf are provided with recesses 19, opposite the respective clips 18 each of which is adapted to receive the opposite clip 18 to permit the leaf to be folded substantially flat. The hinges 17 are sunk flush with the under face of the leaf for the same purpose, also so that the inner hinge 17 will not hinder movement of the support 7, as the latter lies close to the leaf.

As shown in Fig. 1, to support the square leaf, four of the extensions 7 are pulled out so that their stop hole 13 is engaged by its bolt 12, while the intermediate or diagonal supports 7 are pulled further out so that the holes 14 receive their respective bolts 12. The support 7 is slid between the clips 18 so that the leaf is prevented from being raised. As the diagonal supports 7 are extended much farther than the other supports 7, the center of the leaves 16 are rigidly held in position and prevented from sagging.

What I claim is:—

1. A table comprising a circular top, extensible supports slidably mounted radially under said top, segmental leaves adapted to be supported by said supports, each seg-



mental leaf having a concave inner edge conforming to the top and having its outer edges formed on two lines perpendicular to each other, certain of said extensible supports extending under the meeting edges of the several 5 leaves, the other extensible supports extending diagonally under the centers of the leaves, the diagonal extensible supports being extensible farther from the flange than the other supports, and stop means adjustable to arbitrary positions for accurately positioning the diagonal supports.

10 2. A table comprising a circular top, extensible supports slidably mounted radially under said top, segmental leaves adapted to be supported by said supports, each segmental leaf having a concave inner edge conforming to the top and having its outer edges formed on two lines 15 perpendicular to each other, certain of said extensible supports extending under the meeting edges of the several leaves, the other extensible supports extending diagonally under the centers of the leaves, the diagonal extensible supports being extensible farther from the flange than the other supports, each of said segmental leaves comprising two members hinged together on a diagonal line. 20

3. A table comprising a frame, a flange supported by the frame, a circular top secured to the flange, radial supports slidably mounted under said top, segmental leaves having concave inner edges conforming to the contour of 25 the circular top adapted to be supported by said extensible supports, certain of said supports extending under adjoining edges of the leaves whereby a single support upholds the edges of two leaves, intermediate supports extending under the central portions of the leaves each of 30 said supports having two extended supporting positions, each of said extensible supports being also provided with a plurality of stop positioning means, and devices on said frame for engaging with said stop means to hold said extensible supports in either one of the two supporting 35 positions.

In testimony whereof, I have hereunto set my hand at Los Angeles California this 14th day of May 1906.

CARL ENOS NASH.

In presence of—

GEORGE T. HACKLEY,  
L. W. COOK.