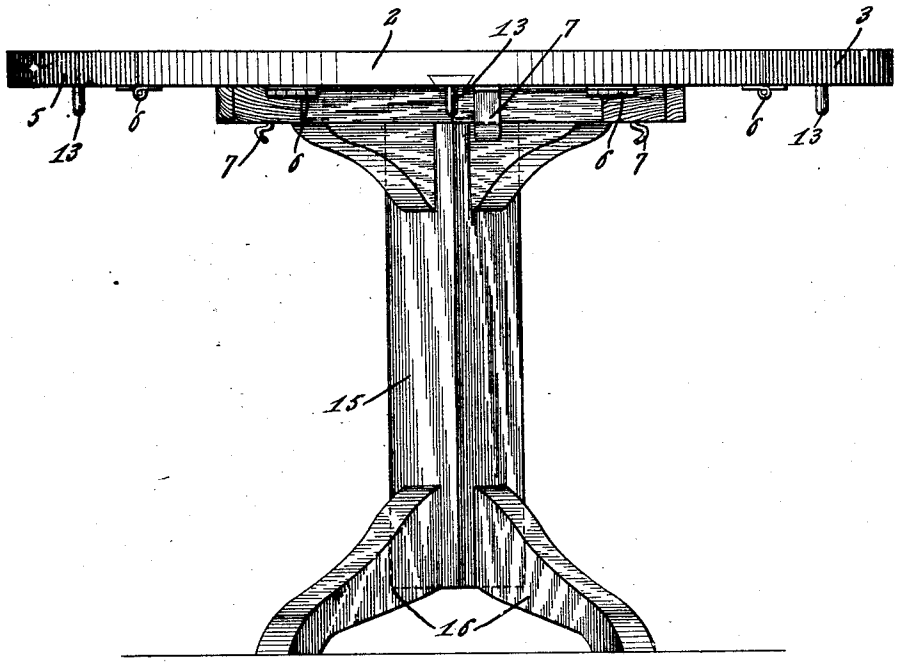
Feb. 2, 1926. 1,571,806

C. J. SCHMITT

CONVERTIBLE TABLE

Filed Nov. 29, 1924 2 Sheets-Sheet 1

Fig. 1.



Charles J. Schmitt, INVENTOR.

BY

Geo. P. Kimmel. ATTORNEY.

Feb. 2, 1926. 1,571,806

C. J. SCHMITT

CONVERTIBLE TABLE

Filed Nov. 29, 1924 2 Sheets-Sheet 2

Fig. 2.

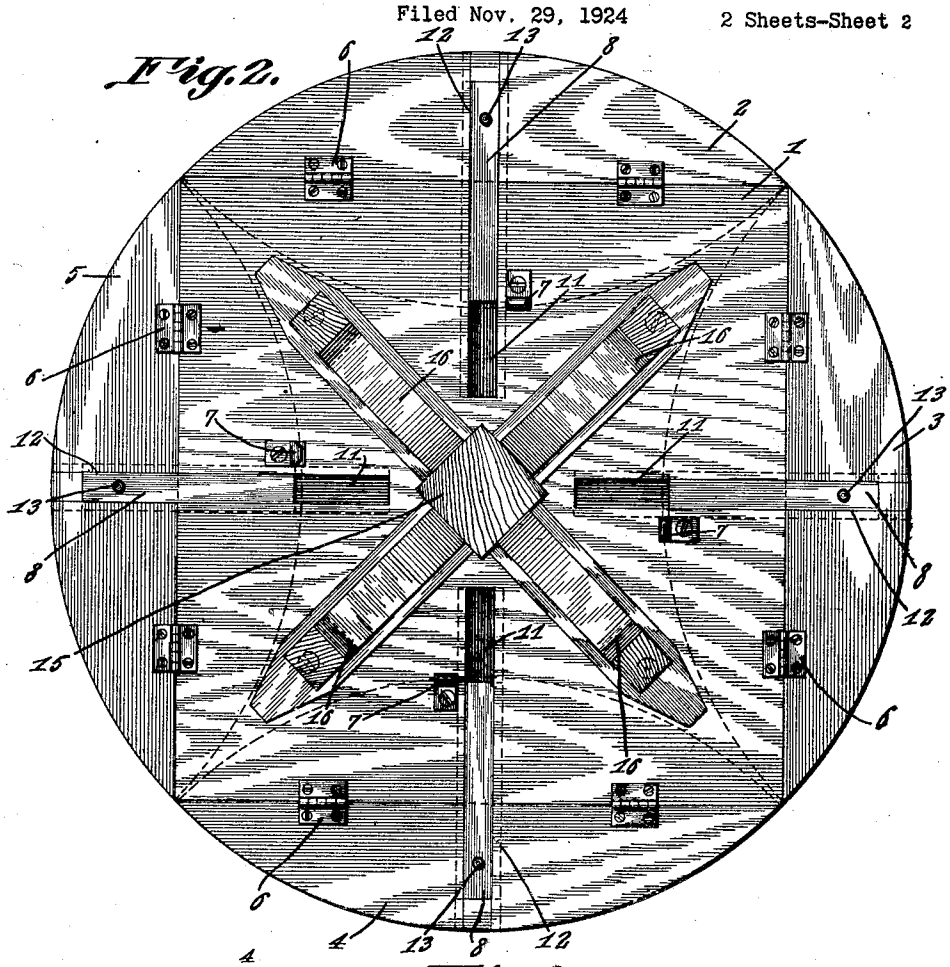


Fig. 3.

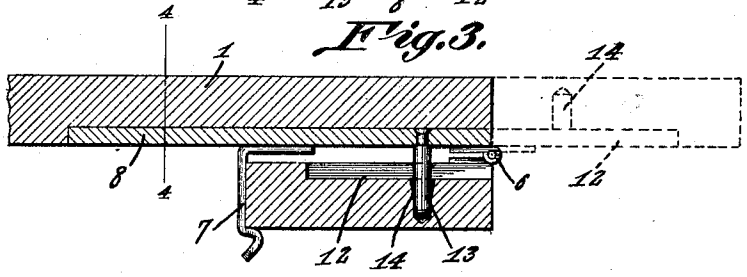
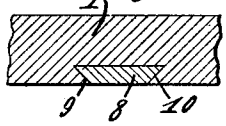


Fig. 4.



Charles J. Schmitt, INVENTOR.

BY

Geo. P. Kimmel ATTORNEY.

Patented Feb. 2, 1926. 1,571,806

UNITED STATES PATENT OFFICE.

CHARLES J. SCHMITT, OF ALGOMA, WISCONSIN.

CONVERTIBLE TABLE.

Application filed November 29, 1924. Serial No. 752,960.

To all whom it may concern:

Be it known that I, CHARLES J. SCHMITT, a citizen of the United States, residing at Algoma, in the county of Kewaunee and State of Wisconsin, have invented certain new and useful Improvements in Convertible Tables, of which the following is a specification.

This invention relates to convertible tables and has for its object to provide a table of such class, in a manner as hereinafter set forth, with means whereby the shape of the top thereof can be expeditiously changed from and to that of polygonal contour, to and from that of circular contour when occasion requires.

A further object of the invention is to provide, in a manner as hereinafter set forth, a table of the class referred to, with a top including a plurality of extendible sections, and further with releasable means for supporting and maintaining said sections when extended, as well as further including means for detachably securing said sections in folded position.

Further objects of the invention are to provide, in a manner as hereinafter set forth, a convertible table, which is simple in its construction and arrangement, strong, durable, thoroughly efficient and convenient in its use, readily assembled and comparatively inexpensive to manufacture.

With the foregoing and other objects in view, the invention consists of the novel construction, combination and arrangement of parts, as hereinafter more specifically described and illustrated in the accompanying drawings, wherein is shown an embodiment of the invention, but it is to be understood that changes, variations and modifications can be resorted to which come within the scope of the claims hereunto appended.

In the drawings wherein like reference characters denote corresponding parts throughout the several views:—

Figure 1 is a side elevation with the top extended and of circular contour.

Figure 2 is an inverted plan and further illustrating in dotted lines the position of the hinged sections of the top when folded.

Figure 3 is a fragmentary view, in cross section, illustrating one of the hinged sections of the top secured in folded position and further illustrating such section, in dotted lines, in extended position.

Figure 4 is a section on line 4—4, Figure 3.

Referring to the drawings in detail, the table top comprises a polygonal shaped stationary body portion 1 and a series of segment-shaped sections 2, 3, 4 and 5. The said sections are hinged to the lower face of the body portion 1, as at 6, and when extended have their inner edges abutting against the edges of the body portion 1, thereby providing a top of circular contour as shown in Figure 2. When the sections of the top are folded they extend under the body portion 1, as well as in parallelism therewith, and each of said sections is detachably retained in folded position by a resilient latch 7, which is secured to and depends from the lower face of the body portion 1. The latches 7 when in engagement with the sections 2, 3, 4 and 5 overlap the free edge thereof as clearly shown in Figure 3.

For the purpose of maintaining the sections 2, 3, 4 and 5 in extended position, a series of radially disposed shiftable locking members are employed and each of said members consists of a flat bar 8, having the longitudinal edges thereof oppositely bevelled, as at 9, 10, and said bar 8 in transverse section is in the form of a dovetail tongue. The locking members are slidably mounted in dovetail grooves formed in the lower face of the body portion 1 and also in the lower face of the sections 2, 3, 4 and 5. The dovetail grooves formed in the lower face of the body portion 1 are indicated at 11, and those in the inner face of the sections 2, 3, 4 and 5 are indicated at 12. The grooves 11 have their outer ends register with the inner ends of the grooves 12 when the sections 2, 3, 4 and 5 are extended, whereby the locking members can be shifted to project from the body portion 1 and extended into the grooves 12, as shown in Figure 2, whereby the sections 2, 3, 4 and 5 will be maintained in an extended position. Each of the bars 8 has secured thereto, in proximity to its outer end, a depending finger piece in the form of a cylindrical pin, as indicated at 13, to facilitate the shifting of the bar. The bar 8 is of the same length as the length of the groove 11 in which it is mounted.

To prevent the outward shifting of the locking members, when the sections 2, 3, 4 and 5 are in folded position, each of said sections is formed with a socket 14 opening into a groove 12, and said socket 14, when

a section is folded, receives the pin 13, thereby locking the bar 8 from shifting outwardly with respect to the body portion 1.

Secured to the lower face of the body portion 1, centrally thereof, is a pedestal 15, provided with outwardly extending supporting legs 16, and the pedestal 15 in connection with the legs 16, maintains the table in an upright position.

It is thought that the many advantages of a convertible table, in accordance with this invention can be readily understood, particularly in view of the fact that the locking members employed for maintaining the table top sections extended include means engageable with said sections to arrest shifting of said locking members when the sections are detachably secured in folded position, and although the preferred embodiment of the invention is as illustrated and described, yet it is to be understood that changes in the details of construction can be had which will fall within the scope of the invention as claimed.

What I claim is:—

1. A convertible table comprising a top formed of a stationary body portion and a series of extensible sections hinged at the edges of the body portion, said body portion and sections having their lower faces provided with grooves registering when the sections are extended, and locking members slidably connected in the grooves of said body portion and shiftable into the grooves of said sections to slidably connect therewith for maintaining them extended with respect to said body portion, and said locking members having means intermediate their ends engaging into said sections for retaining said members from movement when said sections are in folded position.

2. A convertible table comprising a top formed of a stationary body portion and a series of extensible sections hinged at the edges of the body portion, said body portion and sections having their lower faces provided with grooves registering when the sections are extended, and locking members slidably connected in the grooves of said body portion and shiftable into the grooves of said sections to slidably connect therewith for maintaining them extended with respect to said body portion, resilient latches depending from said body portion for releasably securing said sections in folded position, and said locking members having means extending therefrom intermediate the ends thereof and engaging said sections for locking said members from movement when said sections are engaged by said latches.

In testimony whereof, I affix my signature hereto.

CHARLES J. SCHMITT.