L. E. CANNIFF.

TABLE.

APPLICATION FILED JULY 26, 1907.

899,383.

Patented Sept. 22, 1908.

2 SHEETS—SHEET 1

Fig. 1.

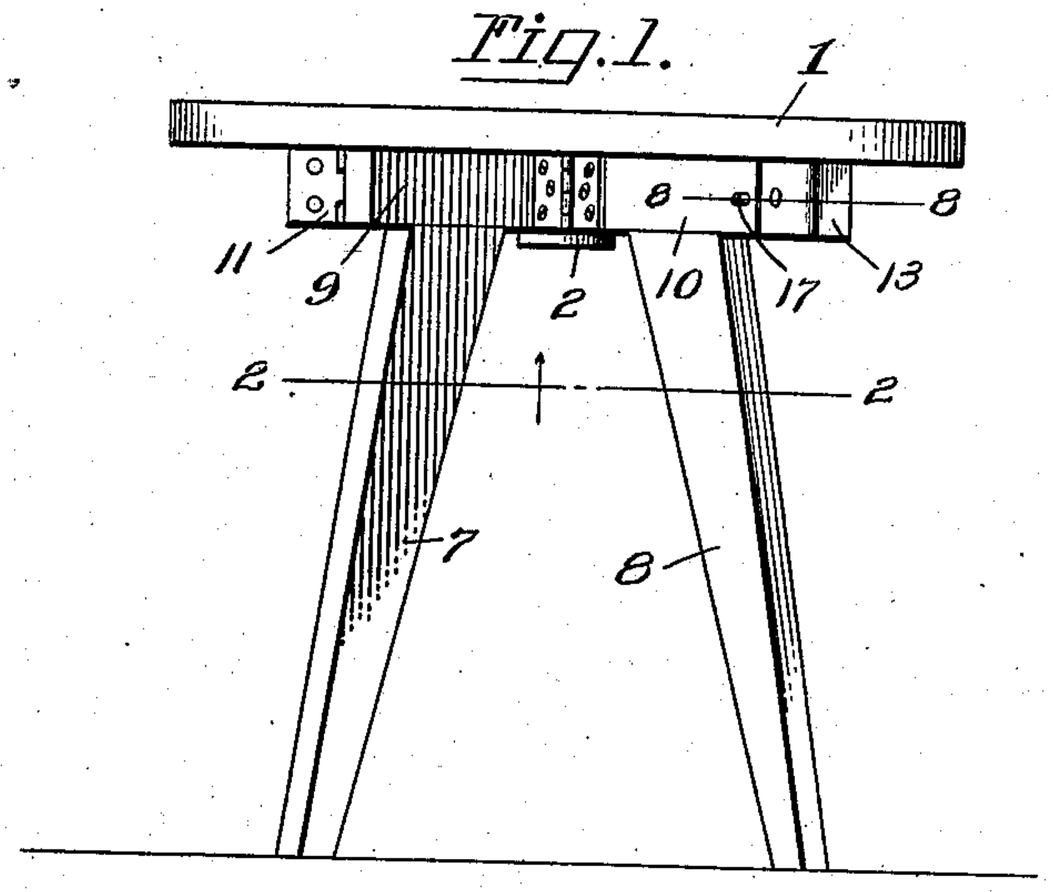


Fig. 2.

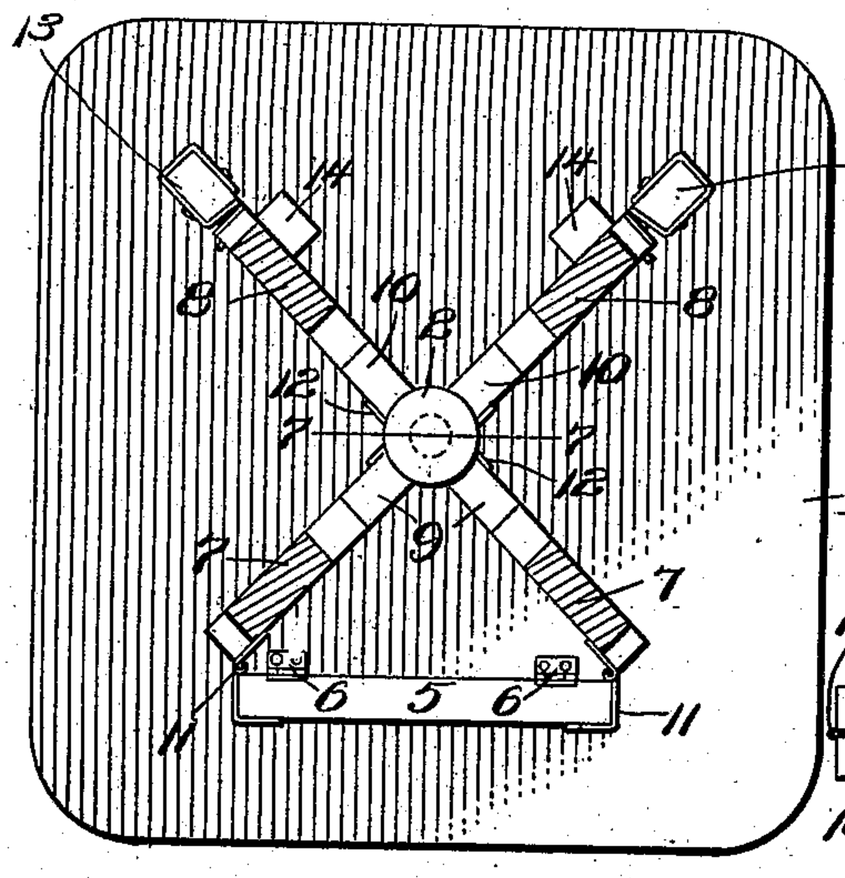


Fig. 3.

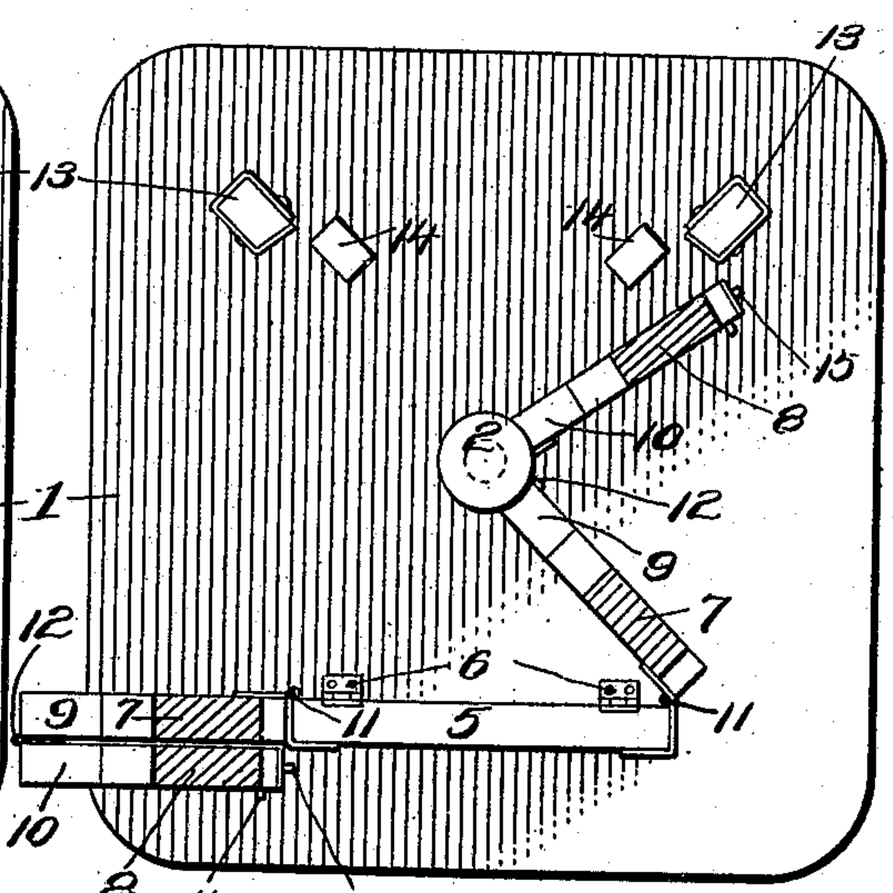
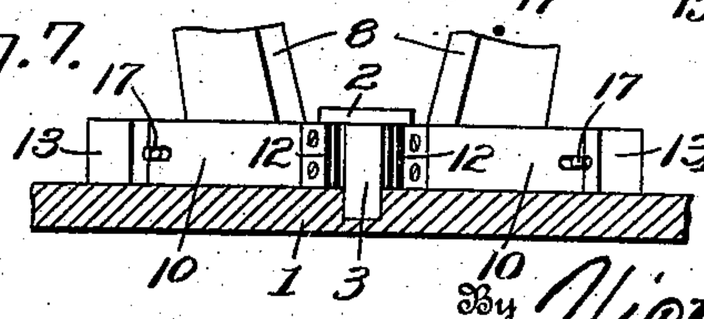


Fig. 7.



Witnesses

F. C. Gibson.

J. C. Garner

Inventor

Lester E. Canniff.

By Victor J. Evans

Attorney

L. E. CANNIFF.

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2 SHEETS—SHEET 2.

Fig. 4.

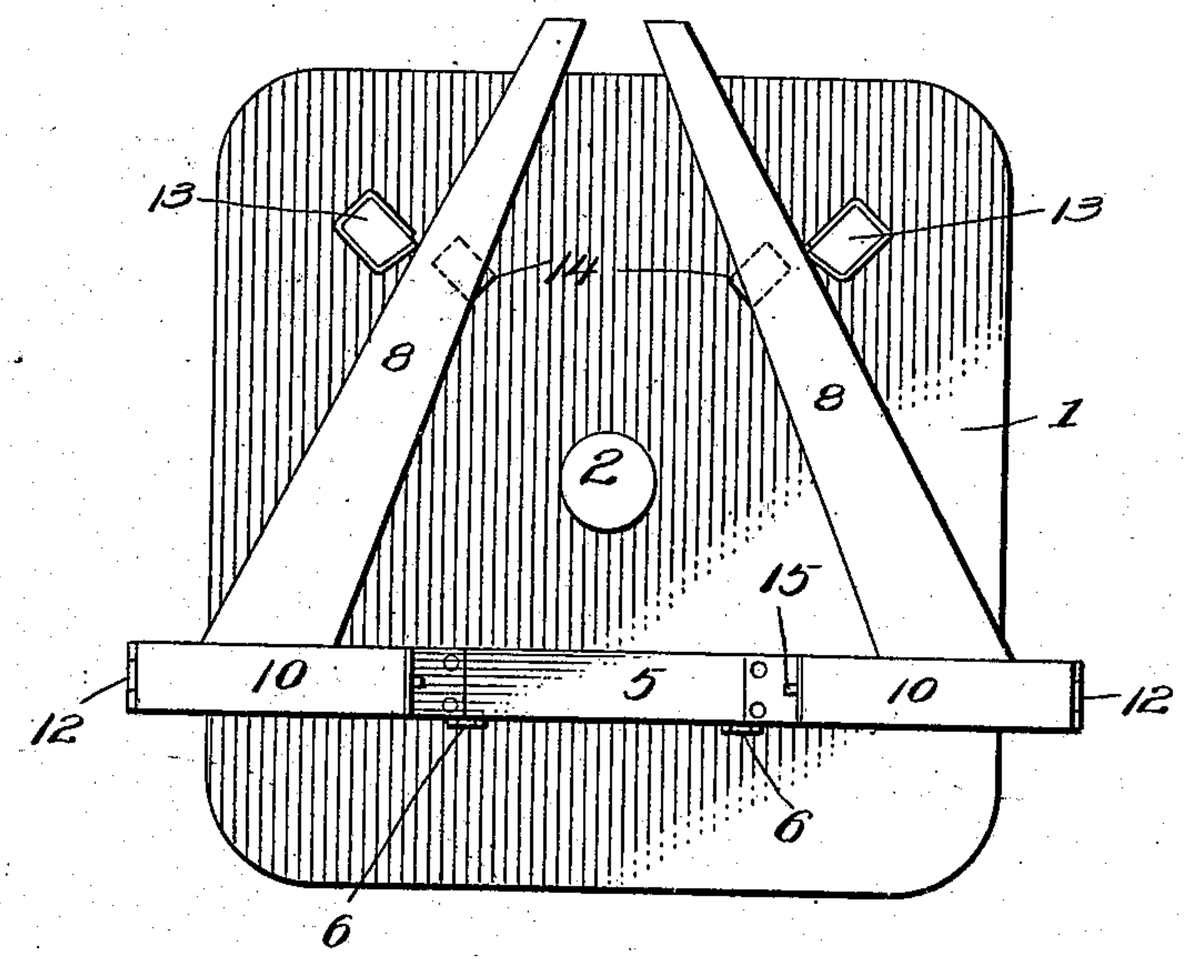

Fig 5

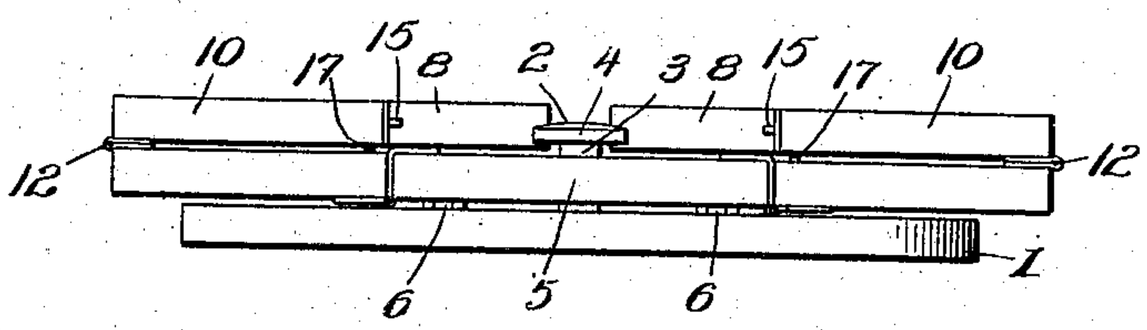

Fig. 6.

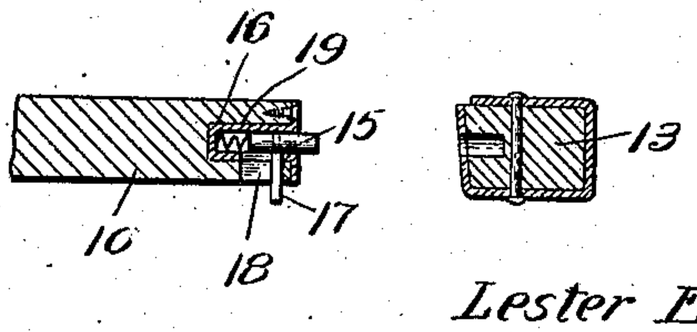

Fig. 8.

Witnesses

F. C. Gibson.

J. W. Garner

Inventor

Lester E. Canniff.

By Victor J. Evans.

Attorney

UNITED STATES PATENT OFFICE.

LESTER E. CANNIFF, OF LANSING, MICHIGAN.

TABLE.

No. 899,383. Specification of Letters Patent. Patented Sept. 22, 1908.

Application filed July 26, 1907. Serial No. 385,690.

To all whom it may concern:

Be it known that I, LESTER E. CANNIFF, a citizen of the United States of America, residing at Lansing, in the county of Ingham and State of Michigan, have invented new and useful Improvements in Tables, of which the following is a specification.

This invention is an improved table or other like article of furniture provided with supporting legs, the object of the invention being to provide improved means for attaching the legs to the top or body of the article of furniture so that such legs may be folded compactly against such top or body to enable the table or other article of furniture to be compactly disposed, and the said invention consists in the construction, combination and arrangement of devices hereinafter described and claimed.

In the accompanying drawings,—Figure 1 is an elevation of a table provided with my improved foldable supporting legs, showing the same set up. Fig. 2 is an inverted plan view of the same partly in section on the plane indicated by the line 2—2 of Fig. 1. Fig. 3 is a similar view showing the legs partly elevated. Fig. 4 is an inverted plan view showing the legs folded to the fullest extent. Fig. 5 is an elevation showing the legs in the same position as in Fig. 4. Fig. 6 is a detail sectional view of the upper portion of one of the legs, showing the locking bolt thereof. Fig. 7 is a detail sectional view taken on the plane indicated by the line 7—7 of Fig. 2. Fig. 8 is a detail view taken on the plane indicated by the line 8—8 of Fig. 1.

In accordance with my invention the top or body 1 of the table or other article of furniture is provided on its underside, preferably at its center, with a downwardly extending stud 2 recessed in its sides, as at 3, to provide a laterally projecting flange or head 4. A bar 5 is connected to the underside of the top or body at a suitable distance from the stud 2 by means of hinges 6 which enable the said bar to be folded against the underside of such top or body or to be extended vertically with respect thereto. Pairs of supporting legs 7, 8 are provided, the upper ends of which are here shown as formed by bars 9, 10, respectively. The said bars which form the upper portions of the supporting legs also form projections at the upper portions of the legs, such projections being formed by the ends of said bars.

The bars 9 of the legs 7 are connected to the bar 5 by hinges 11 to enable the said legs 7 to be extended in line with said bar 5, as shown in Fig. 5 and indicated in Figs. 3 and 4, or to be disposed at an angle with reference to said bar 5, as shown in Figs. 2 and 3. The bars 10 of the supporting legs 8 are connected to the bars 9 by means of hinges 12 which enable such bars 9 and 10 to be disposed in line with each other and with the bar 5 or to be disposed at an angle to such bar 5 and with reference to each other.

When the supporting legs 7, 8 are disposed angularly with reference to each other under the top or body of the table or other article of furniture in position to support the same, the inner ends of the bars 9, 10 which form the upper ends of such supporting legs bear against opposite sides of the recessed stud 2 and under the head or flange 4 of such stud, as shown in Fig. 7 and as indicated in Figs. 1, 2 and 3. To secure the said legs 8 in such supporting position I provide keepers 13 to project from the underside of the top or body of the table or other article of furniture, stops 14 which also project from the same and furthermore provide locking devices, here shown as spring-pressed bolts 15 carried by such bars 10 of the legs 8 at the outer ends of such bars, for engagement with such keepers, as shown in Fig. 8. When the said securing bolts are in engagement with such keeper the bars 10 which form the upper ends of the legs 8 bear against the stops 14.

In order to fold the supporting legs against the top or body of the table or other article of furniture, to dispose such supporting legs compactly against the same, such supporting legs are first turned to a position in line with the bar 5. The latter, together with such legs, are then folded against the bottom of the table top or the body of the article of furniture, and the legs 8 are then folded upon and caused to bear against the legs 7, as shown in Figs. 4 and 5. The bolts 15 are normally pressed outward by means of the springs 16 and are provided with operating arms 17 which work in slots 18 in the sides of the bars 10. Said bolts and springs are incased in tubular casings 19 which are mortised in the outer ends of the said bars 10.

It will be understood from the foregoing description and by reference to the drawings that the supporting legs may be compactly disposed against the underside of the table top or body to reduce the table or other article of furniture to the smallest possible com-

pass, and that the supporting legs may also be disposed under the top or body of the article of furniture in position to support the same and may be securely fastened in such supporting position.

Having thus described the invention, what is claimed as new, is:—

1. In combination with a body of an article of furniture, a connecting element pivotally connected thereto and adapted to be folded against the same, a pair of supporting legs pivotally connected to the ends of the said connecting element to be extended therefrom in line therewith and to be turned angularly with respect thereto, said pair of legs when extended from said connecting element in line therewith being foldable with said connecting element against said body of said article of furniture, and a pair of supporting legs pivotally connected to the first mentioned pair of supporting legs to be folded upon said first mentioned pair of supporting legs when said first mentioned pair of supporting legs together with the said connecting element are folded against the said body.

2. In combination with the body of an article of furniture, a connecting element pivotally connected thereto and adapted to be folded against the same, a pair of supporting legs pivotally connected to the ends of the said connecting element to be extended therefrom in line therewith and to be turned angularly with respect thereto, said pair of legs when extended from said connecting element in line therewith being foldable with said connecting element against said body of said article of furniture and a pair of supporting legs pivotally connected to the first mentioned pair of supporting legs to be folded upon said first mentioned pair of supporting legs when said first mentioned pair of supporting legs together with the said connecting element are folded against the said body, and means to detachably secure the second mentioned pair of supporting legs to the said body when the said second mentioned pair of supporting legs are extended from the first mentioned pair of supporting legs.

In testimony whereof, I affix my signature in presence of two witnesses.

LESTER E. CANNIFF

Witnesses:
A. R. HARDY,
V. N. PEARSALL.