Nov. 7, 1933. M. ESPOSITO ET AL 1,934,119

FOLDING TABLE

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FIG. 1.

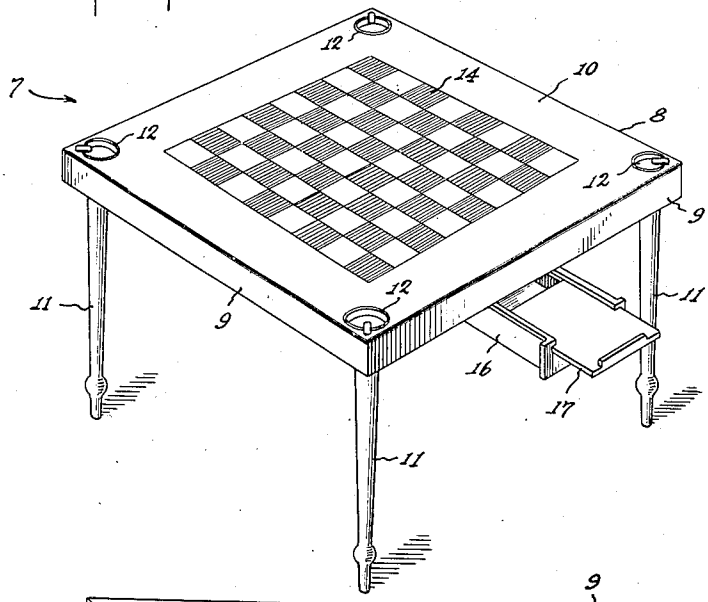
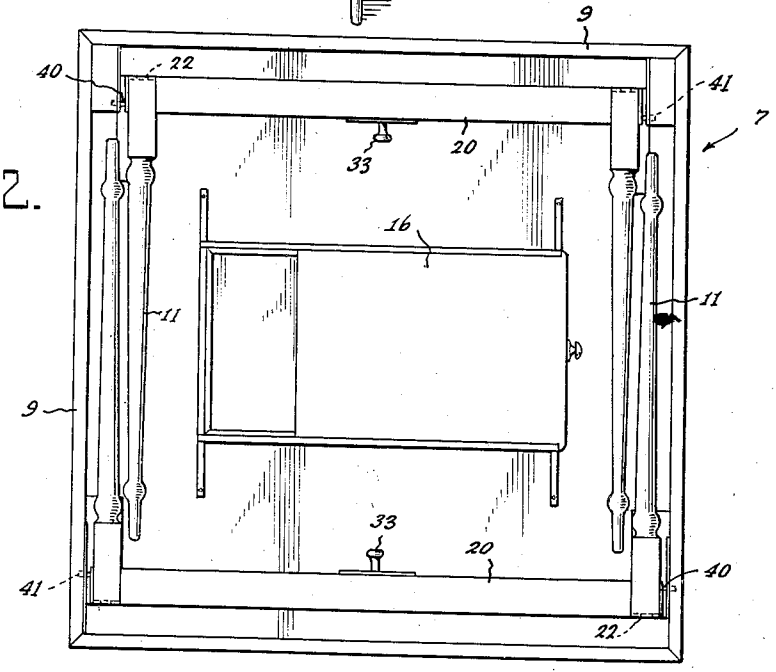


FIG. 2.



MODESTINO ESPOSITO
ATTILIO ESPOSITO
INVENTORS

BY Victor J. Evans & Co.
ATTORNEY

WITNESS:
H. Mank

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FOLDING TABLE

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Fig. 3.

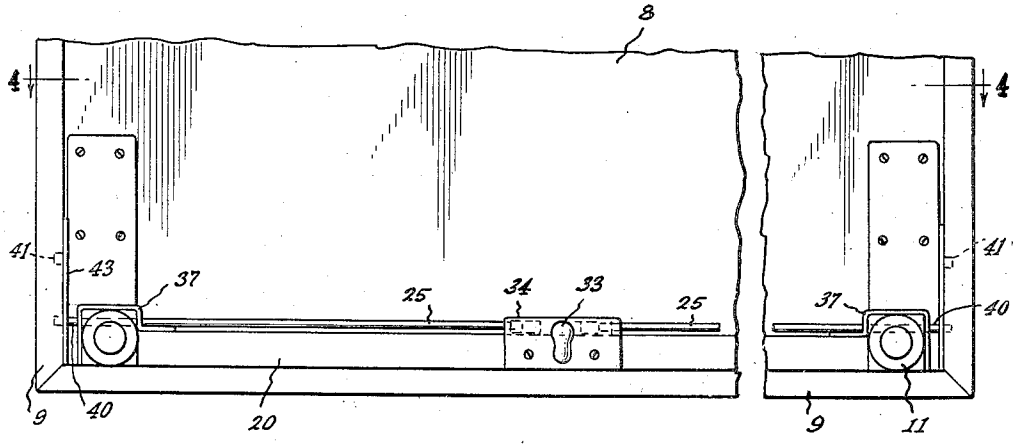


Fig. 4.

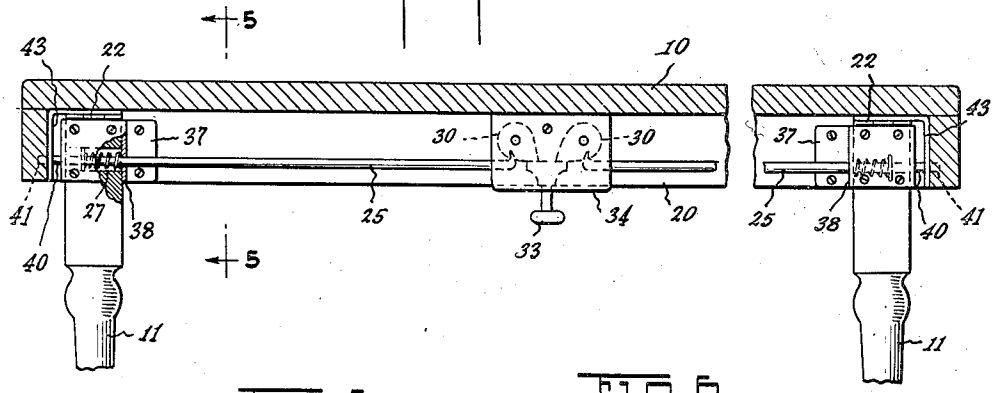


Fig. 5.

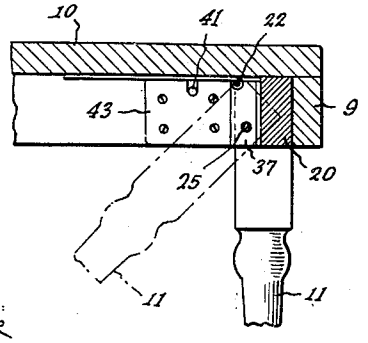
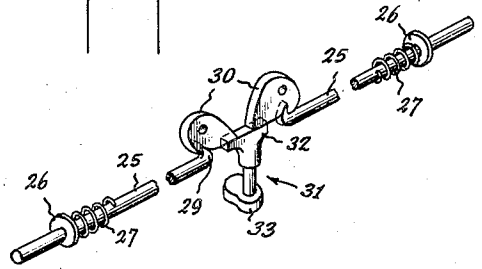


Fig. 6.



MODESTINO ESPOSITO
ATTILIO ESPOSITO
INVENTORS

BY Victor J. Evans & Co.
ATTORNEY

WITNESS:

Patented Nov. 7, 1933 1,934,119

UNITED STATES PATENT OFFICE

1,934,119

FOLDING TABLE

Modestino Esposito and Attilio Esposito, Union City, N. J.

Application March 13, 1931. Serial No. 522,414

1 Claim. (Cl. 45—11)

This invention relates to tables and it has particular reference to gaming tables.

An object of the invention is the provision of a gaming table provided with hinged pairs of legs adapted to be folded under the table and provided with novel means whereby the foldable legs will automatically lock in open or folded position and means for releasing the locking means.

Other objects will be apparent from a reading of the following specification.

The invention will be fully and comprehensively understood from a consideration of the following detailed description when read in connection with the accompanying drawings which form part of the application, with the understanding, however, that the improvement is capable of extended application and is not confined to the exact showing of the drawings nor to the precise construction described and, therefore, such changes and modifications may be made therefrom as do not affect the spirit of the invention nor exceed the scope thereof as expressed in the appended claim.

In the drawings:

Fig. 1 is a perspective view of a gaming table with the legs in open position, this view showing a slidable tray attached to the underside of the table for holding cards, checkers and so forth.

Fig. 2 is a bottom plan view of the table showing the legs in closed position and the drawer in closed position.

Fig. 3 is a broken fragmentary bottom plan view of the table with legs in extended position and the locking means in position locking the legs.

Fig. 4 is a section taken on line 4—4 of Fig. 3.

Fig. 5 is a fragmentary section taken on line 5—5 of Fig. 4 and showing in dotted lines a position of the leg as being opened or closed; and

Fig. 6 is a detail perspective view of means for locking the legs and means for releasing the locking mechanism.

Referring to the drawings for a more detailed description thereof, the numeral 7 indicates a table having a body portion 8, sides 9, a top 10 and four legs 11. The top 10 of the table may be provided with inlaid ashtrays 12 at the corners, and the top may if desired bear a design such for example as the design of a checker-board 14 shown in Fig. 1.

A drawer 16 is slidably mounted on the lower face of the table top 10. The drawer 16 is mounted so that it may be pulled out to one side of the table as clearly shown in Fig. 1 and it is provided with a slidable cover 17. The drawer may be used to hold cards, checkers or other gaming articles.

The legs 11 are in pairs, each pair being held together by cross members 20. Each pair of legs is swingably mounted on hinges 22 in a manner to allow the legs to be opened to support the table and to be folded under the table.

The mechanism shown in Fig. 6 is provided to lock each pair of legs in either open or closed position, there being one such mechanism for each pair of legs. The mechanism of Fig. 6 is disposed adjacent the inner face of each of the cross members 20 which join the legs of each pair of legs. The mechanism comprises a pair of rods 25 provided near their outer ends with stops or shoulders 26. Helical coils 27 abut against the shoulders 26 and encircle the rods 25. The inner ends of the rods 25 are provided with hooks 29 which each engage a turnably mounted cam 30. Means are provided for pressing upon a pair of cams 30 simultaneously, and such means are illustrated by the device indicated by the numeral 31 comprising a member 32 adapted to bear directly against the cams 30 and a thumb piece 33.

The cams are mounted in a bracket 34 shown in Fig. 4 being secured to the cross pieces 20 at the center thereof. The rods 25 at their outer end portions pass through brackets 37 which are also secured to the cross pieces 20. The inner ends of the helical coils 27 bear against an upturned side portion 38 of the brackets 37. The outer ends 40 of the rods 25 enter recesses 41 in the side 9 of the table, two recesses being provided for each leg, one for the open position of the leg and the other for the folded position. Plates 43 are secured to the inner faces of the sides 9 adjacent the recesses 41.

It will readily be seen that the pressure of the helical springs 27 keep the rods 25 in their respective recesses and that when the thumb piece 33 is pressed inwardly to rotate the cams 30 the latter will draw the rods 25 out of the recesses and allow the legs to be changed from folded to extended positions or vice versa.

What is claimed as new is:

Releasable locking means for tables, etc. comprising a pair of aligned rods having their inner ends spaced apart and provided with stops, pivoted cams contacting said stops, a single plunger adapted to turn said cams, the latter, when actuated by said plunger, being adapted to pull said rods inwardly toward each other, shoulders on the outer end portions of said rods and coil springs encircling portions of said rods and bearing against the inner surfaces of said shoulders.

MODESTINO ESPOSITO.
ATTILIO ESPOSITO.