Feb. 5, 1957 R. N. FARLEY 2,780,507

TABLE LEG EXTENSION

Filed Aug. 25, 1955

Fig. 1.

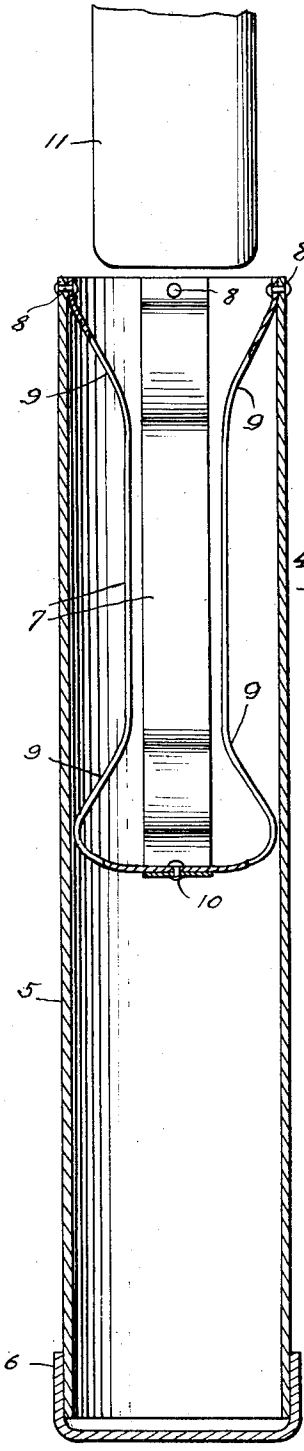


Fig. 2.

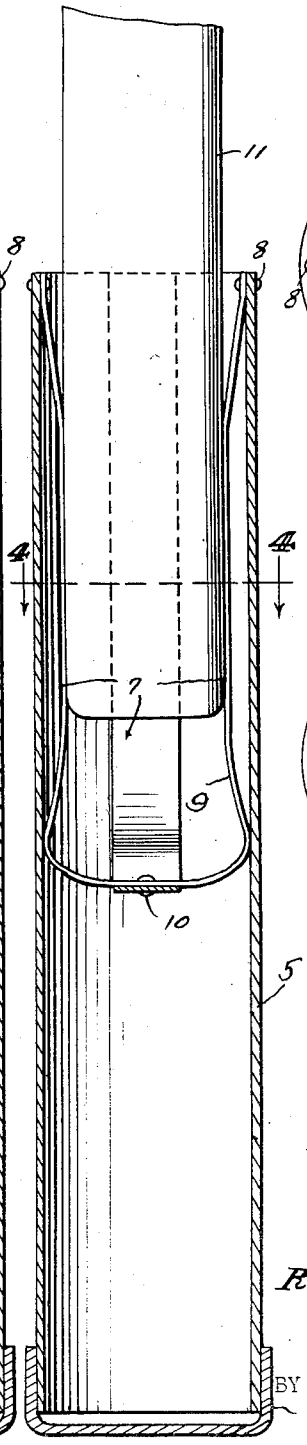


Fig. 3.

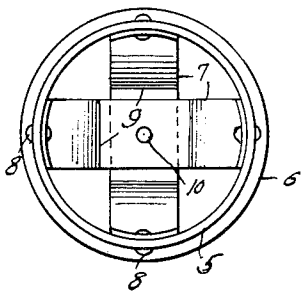
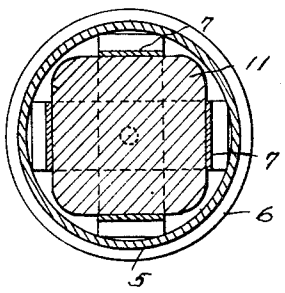


Fig. 4.



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TABLE LEG EXTENSION

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Application August 25, 1955, Serial No. 530,585

1 Claim. (Cl. 311—109)

This invention relates to extension legs especially designed for use in elevating conventional card tables, which are exceptionally low, to positions wherein the playing surfaces thereof will lie in a plane a substantial distance above the laps of the card players using the table, for the comfort and convenience of the players.

An important object of the invention is to provide an extension leg for tables which is of the portable type and which may be readily and easily secured on the ends of table legs, without the use of tools such as screw drivers, hammers or the like.

A further important object of the invention is to provide an extension leg for tables wherein the weight of the table will tend to cause the extension leg to grip the leg of the table with which it is connected to insure against the extension leg becoming disconnected when moving the table to relocate the table.

Other and further objects and advantages of the invention will be hereinafter described and the novel features thereof defined in the appended claim.

Referring to the drawing:

Fig. 1 is a longitudinal sectional view through an extension table leg constructed in accordance with the invention, showing the position of the extension leg prior to the application of the extension leg.

Fig. 2 is a vertical sectional view through the extension leg illustrating the extension leg as positioned on the table leg.

Fig. 3 is a plan view of the open end of the extension leg.

Fig. 4 is a sectional view taken on line 4—4 of Fig. 2.

Referring to the drawing in detail an extension leg constructed in accordance with the invention, is indicated generally by the reference character 5 and is preferably tubular in formation, the lower end of the leg being closed by the cap 6, which is secured thereto providing a solid base for the leg.

Secured in the open upper end of the extension leg, is a table gripping member embodying spring members 7 constructed preferably of spring steel metal strips of U-shaped construction, the open sides of the U-shaped members 7 being disposed upwardly where they are connected with the extension leg, by means of rivets 8.

As better shown by Fig. 1 of the drawing, the upper and lower ends of the spring members 7 are extended outwardly at 9 and the U-shaped members are mounted within the extension leg, so that they cross each other and secured together by means of rivet 10 that extends through openings in the spring members, at their points of crossing.

By bending the ends of the U-shaped spring members 7 outwardly, the major portions of the spring members are disposed in such spaced relation with respect to each other that they will grip a table leg, which in the present showing is indicated by the reference character 11 therebetween, the table leg being of a diameter substantially greater than the diameter of the space between the spring members 7, causing the spring members to securely grip the table leg forced therebetween. When a table leg is forced within the space between the spring members, it is obvious that the table leg will be securely gripped to the end that the table leg may be adjusted to various positions within the space between the spring members and the table adjusted to the desired height required for the convenience and comfort of the players using the table.

From the foregoing it will be seen that due to the construction shown and described, I have provided an extension leg to be used with the legs of a table, the extension leg being adjustable with respect to the table legs on which the extension legs are positioned, to adjust the height of the table, without the use of tools or similar securing means.

It will also be seen that by exerting a pull on the extension legs, the legs may be readily slid from their positions on the table to remove the same when it is desired to fold the table for storing purposes.

While the specific details of one embodiment of this invention have been herein shown and described, the invention is not confined thereto as changes and alterations may be made without departing from the spirit and scope thereof as defined in the appended claim.

What is claimed is:

An extension table leg comprising a tubular body having an open end and a closed end, substantially U-shaped spring members fitted within the open end of said body and disposed at right angles with respect to each other with the ends of said spring members secured adjacent to the top of said tubular body, said spring members being secured together at their points of crossing within the body, providing a stop within the body, portions of said spring members adjacent to their points of contact with each other, being curved outwardly in contact with the wall of said tubular body, and said spring members adapted to grip a table leg over which the extension leg is positioned, securing the extension leg over the leg of the table.

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