July 17, 1928. 1,677,707

P. R. COMPTON

GAME BOARD

Filed Dec. 3, 1927

Fig. 1.

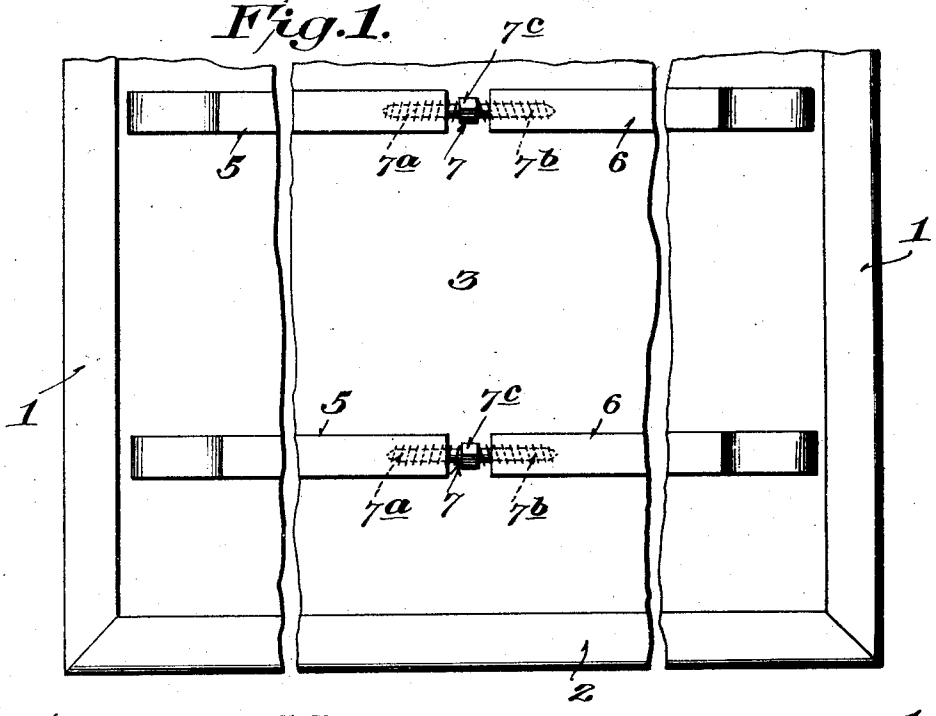


Fig. 2.

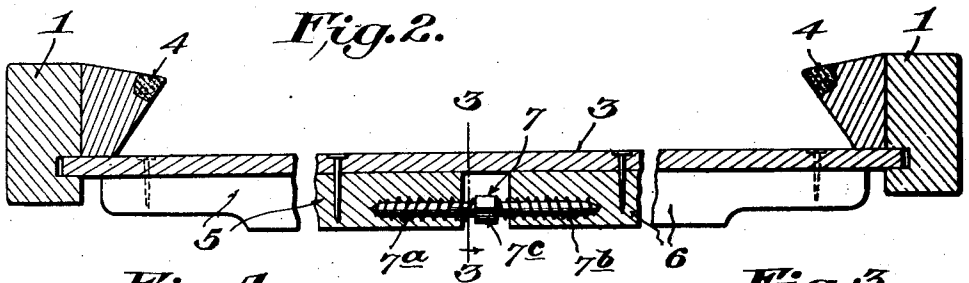


Fig. 4.

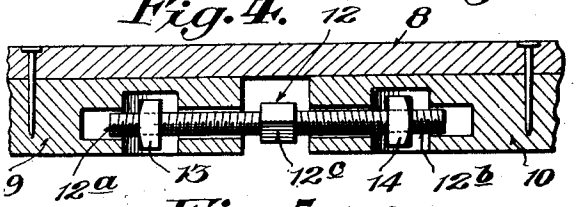


Fig. 3.

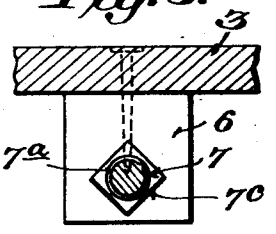
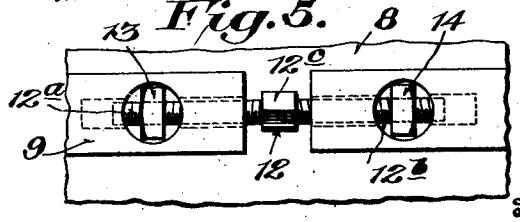


Fig. 5.



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UNITED STATES PATENT OFFICE.

PERCY R. COMPTON, OF PORTLAND, MAINE, ASSIGNOR TO THE E. T. BURROWES COMPANY, OF PORTLAND, MAINE, A CORPORATION OF MAINE.

GAME BOARD.

Application filed December 3, 1927. Serial No. 237,490.

This invention relates to improvements in game boards and more especially to billiard and pool tables of the relatively light portable kind particularly adapted for use in the home.

The object of the invention is to provide improved means of a simple, efficient, inexpensive nature for maintaining the bed of the table even and smooth under varying conditions.

The invention, with other objects and advantages thereof, and the particular construction and arrangement of parts comprising the same, will be understood from the hereinafter contained detailed description when considered in connection with the accompanying drawings, forming part hereof, and illustrating embodiments of the invention.

In the drawings:

Figure 1 is a bottom plan of a game board constructed in accordance with the present invention, parts being broken away.

Fig. 2 is a transverse section.

Fig. 3 is a detail view of the adjustable connecting means between the cleat sections.

Fig. 4 is a transverse section illustrating a modified construction.

Fig. 5 is a detail plan of the modified construction illustrated in Figure 4.

While two specific embodiments of the invention are illustrated in the drawings, it will of course be understood that changes and modifications in the particular constructions shown may be made, and the invention may be embodied in other forms, as will appeal to those skilled in the art and falling within the scope of the appended claims without departing from the spirit of the invention.

The invention comprehends a game board or table having a bed provided with divided cleats each comprising sections secured to the bed at the under side thereof in end to end spaced relationship, and adjustable connecting means between the cleat sections, the cleat structure resisting distortion of the bed and providing for adjusting the cleat sections to true up or restore the bed to normal condition should the same become warped or distorted. More particularly, the invention comprehends a divided cleat structure of the character outlined and in which the adjustable connecting means between the cleat sections is in the form of a bar extending between the inner ends of the cleat sections and having right and left hand threaded connections at opposite end portions with the inner end portions of the cleat sections and provided with a part substantially centrally of its ends constructed for engagement by a tool whereby the bar may be turned to shorten or lengthen the connection between the cleat sections and adjust the same as desired.

Referring to a detailed description of the particular embodiment of the invention illustrated in Figures 1 and 2 of the drawings, the frame of the board or table comprises side rails 1 and end rails 2 suitably secured together. 3 designates the bed secured and supported in the frame in any suitable manner. The bed is preferably constructed of wood. It may be built up of a plurality of sections or in a single piece, as desired. Cushions 4 of conventional form are secured to the frame in the customary way.

In accordance with the present invention, the bed 3 is provided with adjustable divided cleats extending transversely thereof each of the cleats comprising two sections 5—6, preferably constructed of wood, secured to the bed 3 by nailing or other suitable means in end to end spaced relationship, as shown, and a bar 7 extending longitudinally between the cleat sections 5—6 and having right and left hand threaded connections at opposite end portions with the inner end portions of said cleat sections. In the particular exemplification of the invention illustrated in Figures 1 and 2 of the drawings, the bar 7 has right and left hand screw end portions 7^a—7^b screwed into the inner end portions of the cleat sections 5—6, said bar providing an adjustable rigid connection between the cleat sections. Centrally of its ends the bar 7 has an angularly faced part 7^c adapted for engagement by a wrench. As will be understood the adjustable divided cleat structure functions to resist distortion of the bed and to maintain the same even and smooth, and if warping or distortion should occur, the bed can be readily trued up by turning the bar 7 to shorten or lengthen the connection between the cleat sections 5—6 and adjust the same.

It will of course be understood that the bed 3 may be provided with any number of the divided cleats, as desired.

The modified construction illustrated in Figures 3 and 4 of the drawings, is the same as that shown in Figures 1, 2 and 3, except that in this instance the bar that connects the cleat sections instead of having screw end portions to screw into the cleat sections, the same is provided with threaded end portions engaging nuts which are anchored to the cleat sections. In Figures 3 and 4, 8 designates the bed, 9 and 10 the cleat sections, and 12 the connecting bar. As shown, the bar 12 has right and left hand threaded end portions 12^a—12^b engaging nuts 13—14, seated in the recesses 15 in the inner end portions of the cleat sections 9—10, the cleat sections being provided with openings 16 for the end portions of the bar 12 extending longitudinally through the same from their inner ends to the said recesses. As in the construction illustrated in Figures 1, 2 and 3 of the drawings, the bar 12 is provided with an angularly faced part 12^c adapted to be engaged by a wrench for turning the bar.

It will be noted that the special divided cleat structure hereinbefore described affords means of an efficient nature for maintaining the bed or playing surface of the game board or table even and smooth, the same functioning in an efficient way to resist warping or distortion of the bed and providing for truing up or restoring the bed to normal position should the same become distorted. The structure is of a simple, inexpensive nature, and easily adjusted, the adjusting means being readily accessible.

What I claim is:

1. In a game board, a bed, a cleat comprising sections secured to the bed at the under side thereof in end to end spaced relation, and means extending between the inner ends of said cleat sections and connecting the same together, said means being adjustable to adjust the cleat sections to true up the bed.

2. In a game board, a bed, a cleat comprising sections secured to the bed at the under side thereof in end to end spaced relationship, and a bar extending between the inner ends of the cleat sections and connecting the same together, said bar having an adjustable threaded connection at one end with the inner end portion of one of the cleat sections providing for lengthening or shortening the connection between the cleat sections to adjust the same to true up the bed, and said bar having a portion constructed to be engaged by a tool to turn and adjust the bar.

3. In a game board, a bed, a cleat comprising sections secured to the bed at the under side thereof in end to end spaced relationship, and a bar extending between the inner ends of the cleat sections and connecting the same together, said bar having adjustable threaded connections at its ends with the inner end portions of the cleat sections providing for adjusting the connection between the cleat sections to adjust the latter to true up the bed, and the bar having a portion constructed for engagement by a tool to turn and adjust the same.

4. In a game board, a bed, a cleat comprising sections secured to the bed at the under side thereof in end to end spaced relationship, and a bar extending between the inner ends of the cleat sections and connecting the same together, said bar having right and left hand screw end portions engaging the inner end portions of the cleat sections providing for adjusting the connection between the cleat sections to adjust the latter to true up the bed, and the bar having a portion intermediate the screw end portions thereof constructed for engagement by a tool to turn and adjust the same.

5. In a game board, a bed, a plurality of transversely extending cleats located at intervals along the under side thereof, each of said cleats comprising two sections secured to the bed in end to end spaced relationship, and means extending between the inner ends of said cleat sections and connecting the same together, said means being adjustable to adjust the cleat sections to true up the bed.

6. In a game board, a bed, a cleat comprising sections secured to the bed at the under side thereof in end to end spaced relationship, the cleat sections at their inner end portions being provided in their bottom faces with recesses and with openings extending from said recesses through the same to the inner ends thereof, nuts arranged in the said recesses, and a bar having right and left hand threaded end portions extending between the inner ends of the cleat sections through the said openings therein and engaging the nuts in the said recesses, said bar providing an adjustable connection between the cleat sections to adjust the same to true up the bed, and said bar having a portion intermediate its ends constructed to be engaged by a tool to turn and adjust the bar.

In testimony whereof I hereunto affix my signature.

PERCY R. COMPTON.