UNITED STATES PATENT OFFICE

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CAROM PLUG FOR TABLES

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This invention relates to improvements in carom plugs for tables, particularly game tables such as those used in playing pocket-billiards or the like.

One of the important objects of this invention is to provide a set of plugs for a pocket-billiard table or similar game device whereby the openings in the pockets will be converted to a table for playing the game of carom or billiards thereon.

Another and further important object of this invention resides in an improved plug for use with such pocket-billiard tables wherein, furthermore, each plug constitutes a single unit without any loose accessories or parts which might be liable to become misplaced or lost.

Other and further important objects of the invention will be apparent from the disclosures in the accompanying drawings and following specification.

The invention, in a preferred form, is illustrated in the drawing and hereinafter more fully described.

In the drawing—

Figure 1 is a top plan view of the improved carom plug of this invention, showing the same as applied to the corner pocket of a billiard table or the like.

Figure 2 is a top plan view of the plug removed, showing particularly the side wedging elements for retaining the same in alignment with the rails.

Figure 3 is a top plan view of the side rail of a billiard table or the like, showing one of the improved carom plugs of this invention applied to the pocket therein.

Figure 4 is a detached view of a side pocket plug.

Figure 5 is a sectional view taken on the line 5—5 of Figure 1.

Figure 6 is a perspective view showing a pocket with the plug removed.

As shown in the drawing—

The reference numerals 10 indicate, generally, the rails of a pocket-billiard table or the like, showing the same meeting at a corner of the table and having the usual resilient cushions 12. A corner opening of the usual type is indicated at 14.

In order that such a table may be adapted for convenient and ready transformation to the game of billiards or some other similar game where pockets are not necessary, a plug 16 is provided, adapted to be fitted in the opening or pocket 14, this plug conforming in shape to the angular meeting point of the extended side rails. The rear face of the plug is flattened, as indicated, and is provided with a metal plate or the like 18 which covers a recess 20 formed in the rear face of the plug, and in this recess is rotatably mounted a head 22 of a bolt or the like 24, this bolt passing loosely through a suitable opening in the plate 18, whereby rotation thereof is permitted without any possibility of becoming separated from the plug element 16.

The other end of the bolt is screw-threaded, as illustrated at 26, and is adapted to be correspondingly fitted into an interiorly threaded ferrule or the like 28 which is mounted in the rails 10. Fastened on the shaft of the bolt 24, or integral therewith, is a knurled operating handle or the like 30, by means of which the same may be readily rotated and either turned into or out of the ferrule 28.

Mounted in the side face of the plug 16 is a pair of extending projections 32, one for each face, each of these being adapted to fit in a corresponding slot 34 formed in the cushion elements 12, whereby the plug is firmly fixed in desired position, and when the rotatable knurled element 30 is turned up tight the plug will be snugly drawn into the recess, whereby an accurate fit will result and a continuous cushion rail is provided. The plug elements are formed in accordance with...
the usual cushion construction, having an outer face 36 of rubber or the like, and being substantially triangular in cross-section.

The plug for the side pockets is similarly constructed, being, however, composed of a single element 37 with a knurled bolt and screw combination, the same as that previously illustrated and having projections 38 similar to the projections 32. At the point where the screw 36 enters the rear face of the pocket lining there is provided a suitable washer or gasket 40 which surrounds a hole 42 which besides providing a neat appearance will prevent any damage to balls which might strike the end of the ferrule when the table is used for the game of pocket-billiards or the like.

It will be evident that herein is provided a novel and useful carom plug for pocket-billiard tables or similar game tables, which in addition to providing a simple, unitary construction also forms a readily removable and replaceable element, which, when in place, forms a practically integral part of the side rail, affording practically the same playing advantages as if the rail were actually continuous. The means for fitting the plug into place and the element for firmly drawing the same into fixed position positively prevent any misalignment of the parts with consequent undesirable bounding of shots and inaccuracy in results.

I am aware that many changes may be made and numerous details in construction varied throughout a wide range without departing from the principles of this invention, and I therefore do not purpose limiting the patent granted hereon otherwise than as necessitated by the prior art.

I claim as my invention—

A carom plug for pocket-billiard tables, comprising a member similar in cross-section to the cushion, means for positively retaining said member in the pocket opening of the cushion, said means comprising a screw-threaded element, a head on the element rotatably mounted in the plug the free end of said element adapted to be fitted into a corresponding opening in the side rail of the table together with an interiorly screw-threaded ferrule mounted in the opening to receive said screw-threaded element, a cushioned guard for the inner end of said ferrule, and a knurled operating wheel on the screw-threaded element, said operating wheel being of a diameter as to have its upper rim substantially flush with the top plane of the cushions and rails.

In testimony whereof I affix my signature.

PETER HANSEN.