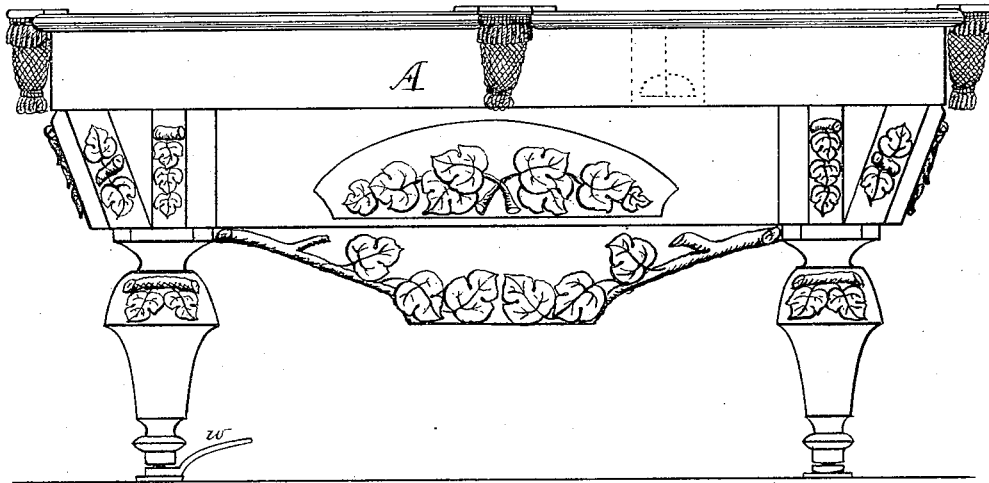


(No Model.)

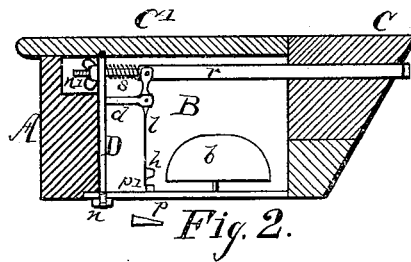
R. HERMAN.  
BILLIARD TABLE.

No. 262,410.

Patented Aug. 8, 1882.



*Fig. 1.*



*Fig. 2.*

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# UNITED STATES PATENT OFFICE.

RUDOLPH HERMAN, OF CLEVELAND, OHIO.

## BILLIARD-TABLE.

SPECIFICATION forming part of Letters Patent No. 262,410, dated August 8, 1882.

Application filed May 19, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, RUDOLPH HERMAN, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Billiard-Tables, of which the following is a specification.

The nature and objects of this invention will fully appear from the subjoined description, when considered in connection with the accompanying drawings, in which—

Figure 1 is a side elevation of a billiard-table having my improvements attached. Fig. 2 is a cross-section of a rail and cushion, showing one of my improved attachments.

15 A represents the rail of a billiard-table, to which is attached the cushion C. Within the rail is made a recess, B, for the reception of a bell-ringing device, which consists of a metal support, D, secured at the top end in the cap-piece C' of the rail, and at the bottom by a nut, *n*, in a plate, *p*, which closes the bottom of said recess B. To the said support D is attached an arm, *d*, in which is pivoted a spring-lever, *l*, provided with a hammer, *h*, for striking a bell, *b*, attached to the plate *p*. The said spring-lever *l* is operated by means of a rod, *r*, passing out through the cushion C and projecting sufficiently far to be struck by a billiard-ball, and thereby forced inward. The inner end of rod *r* is pivoted to the upper end of the spring-lever *l*, and has a reduced extension passing through the support D, which is screw-threaded and provided with a thumb-nut, *n'*, the object and purpose of which is to  
35 adjust the projecting end of the rod *r*, and also

to draw and hold it in when desired. The reduced portion of said rod is provided with a spring, *s*, between the support D and the lever *l*. This is for forcing the rod outward after being struck by the ball. On the plate is fixed a lug or projection, *p'*, against which the lower end of the spring catches, but over which it slips when the rod is struck. This causes the spring to fly and the hammer to strike the bell. When the rod moves back the spring resumes its original position and is ready for another use.

This bell attachment is designed for providing a means of playing a new game, the plan of which is to make a carom from a ball to the bell, or vice versa. There may be two, four, or six of these bells located in the rails of the table, as may be desired, one in each end, and either one or two in each side.

Having described my invention, I claim—  
The combination, with the rails A, of the bell-ringing device consisting of the support D, having the arm *d*, to which is pivoted the spring-lever *l*, operated by the push-rod *r*, actuated by the billiard-ball, and provided with the spring *s*, for returning the rod after the blow, and also provided with the thumb-nut *n'*, for adjusting same, and the bell *b*, all constructed, combined, and arranged to operate substantially as described.

RUDOLPH HERMAN.

Witnesses:

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