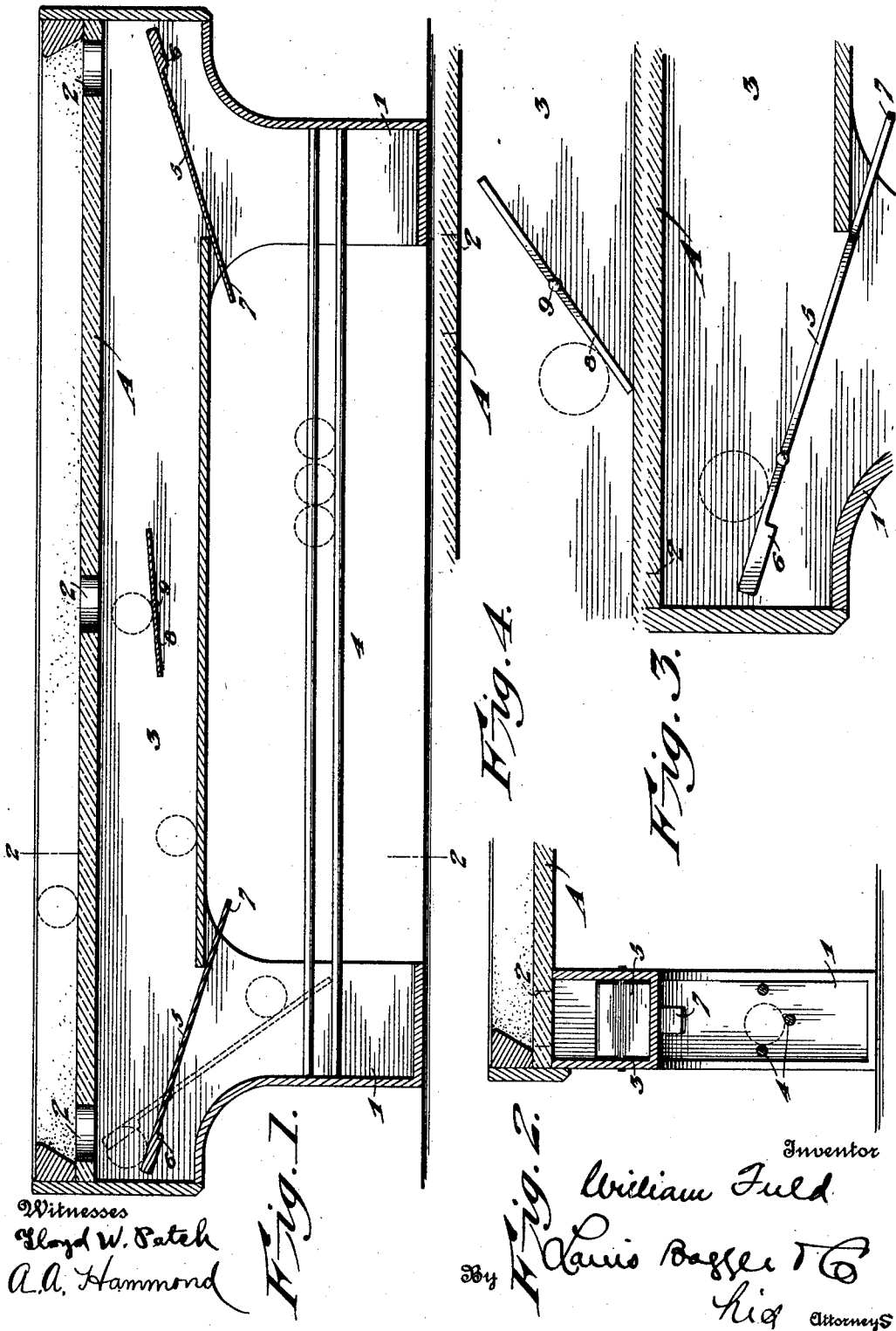


W. FULD.
 POOL TABLE.
 APPLICATION FILED MAY 17, 1911.

1,002,666.

Patented Sept. 5, 1911.



UNITED STATES PATENT OFFICE.

WILLIAM FULD, OF BALTIMORE, MARYLAND.

POOL-TABLE.

1,002,666.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM FULD, a citizen of the United States, residing at Baltimore, State of Maryland, have invented certain new and useful Improvements in Pool-Tables, of which the following is a specification.

My invention relates to an improvement in pool tables, and the object is to provide means beneath the table whereby the balls after passing through the pockets are deflected to a common receptacle.

The invention consists in certain novel features of construction and combinations of parts which will be hereinafter fully described and pointed out in the claims.

In the accompanying drawings:—Figure 1 is a vertical longitudinal sectional view, Fig. 2 is a sectional view on the line 2—2 of Fig. 1, Fig. 3 is an enlarged detail sectional view of one of the deflectors received beneath the end pocket, and Fig. 4 is an enlarged detail sectional view of the deflector received beneath a central pocket.

A, represents the top of the table which is supported at its corners upon the pedestals 1, 1. The table is provided with the usual pockets 2, 2, and beneath these pockets and parallel with the top of the table is the ball conduit 3, which connects the pedestals upon one side of the table. The ball receiving rack 4 is placed below the conduit, and is also practically parallel with the top of the table. In the pedestal at each end of the table and beneath the end pockets are deflecting plates adapted to guide the ball into the receiving rack. These deflectors are composed of a plate 5 which is pivoted near one end to the main structure of the table. The short end of the plate is weighted as at 6, in such a manner as to overbalance the long end. The pivot point is placed inside of the inner edge of the pocket, and the long end of the plate is adapted to bear against the lower side of the bottom of the ball conduit in such a manner that the plate is held slanted at an angle downwardly from the end of the table. The long end is provided with a projection 7 which is adapted to strike the lower bar of the receiving rack when the deflector is sufficiently depressed. The deflectors beneath the central pockets are formed in a slightly different manner. A plate 8 is pivoted at 9 approximately at its center, and is adapted to be

rocked in either direction, and the contact of the end of the plate with the bottom of the ball conduit forms a stop, when the plate has been sufficiently depressed. The object of these deflectors is to impart an initial impetus to the balls after they have passed into the pockets that they may continue their movement to the receiving rack beneath the table, and the operation is as follows:—A ball passing through one of the end pockets drops upon the weighted end 6, and rolls down the incline until it has passed the pivot point, and then as the weight becomes sufficient by the continued downward movement of the ball, the plate drops, and the ball continues its movement over the plate into the receiving rack. If a ball is knocked into one of the central pockets, it drops upon the plate 8 slightly at one side or the other of the central pivot point, which depresses the end upon which the weight is brought to bear, and forms an incline down which the ball rolls, and hence over the horizontal bottom of the conduit on to the end deflector 5, which is depressed by the weight and over which it passes into the receiving rack 4. In this manner, it will be seen that I have provided a pool table with means for deflecting the balls into a common receiving rack, which means is composed of few parts which do not easily get out of order, and which operate automatically.

It is evident that more or less slight changes might be resorted to in the form and arrangement of the several parts described, without departure from the spirit and scope of my invention, and hence I do not wish to be limited to the exact construction herein set forth, but:—

Having fully described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. A pool table provided with the usual number of pockets and pivoted deflectors for deflecting the balls to a common receptacle beneath the table.

2. A pool table consisting of a top having the usual number of pockets and a pivoted deflector mounted beneath each pocket in such a manner that a ball passing into the pocket is deflected to a common receptacle.

3. A pool table consisting of a top having the usual number of pockets and a pivoted deflector mounted beneath each pocket in

such a manner that a ball passing into one of the end pockets is deflected toward the center, and a ball passing into the center pocket is deflected toward one end.

5 4. A pool table consisting of a top mounted upon pedestals, said top having the usual number of pockets, a ball conduit beneath the pockets, and pivoted deflectors mounted in the conduit in such a manner that the

balls passing through the pockets are conducted to a common receptacle. 10

In testimony whereof I affix my signature in the presence of two witnesses.

WILLIAM FULD.

Witnesses:

GEO. M. JOHNSON,

WM. FULD, Jr.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."