Dec. 29, 1936. C. E. POST 2,066,159

DEFLECTOR BALL GAME

Filed Jan. 8, 1936

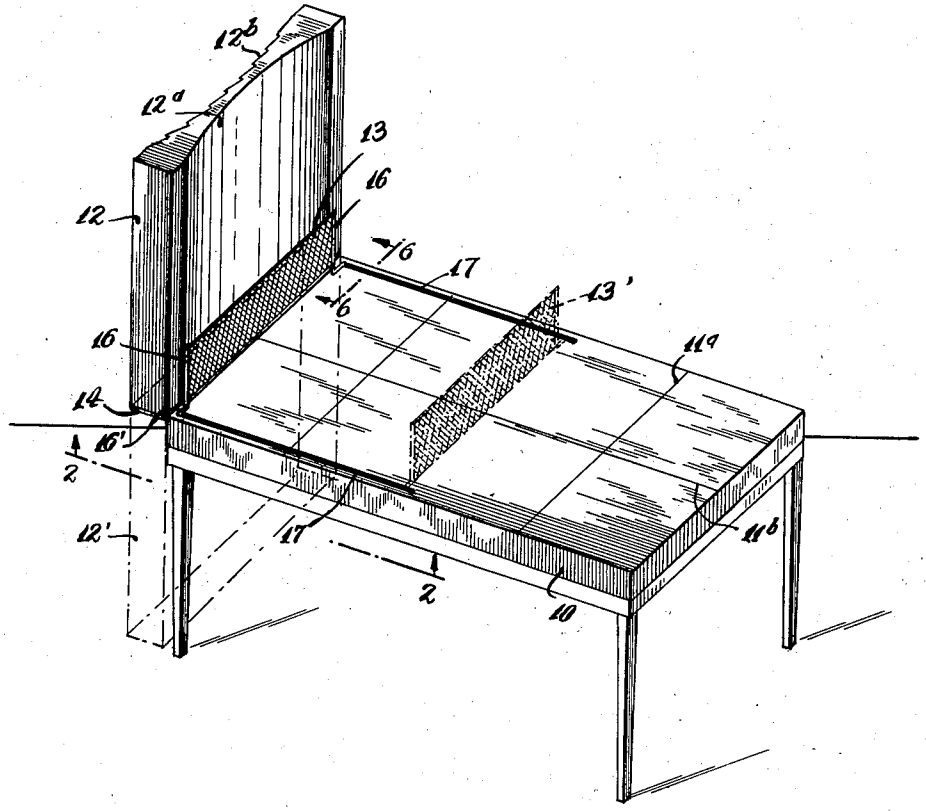


Fig. 1.

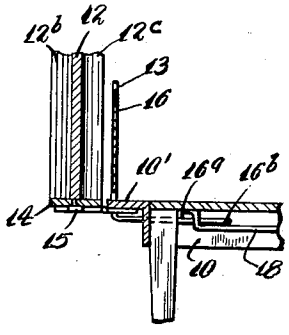


Fig. 3.

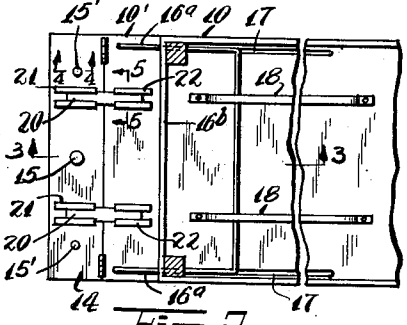


Fig. 2.

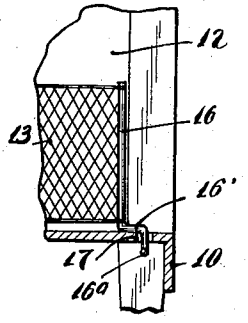


Fig. 6.

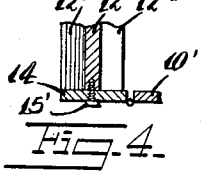


Fig. 4.



Fig. 5.

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DEFLECTOR BALL GAME

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Application January 8, 1936, Serial No. 58,035

6 Claims. (Cl. 273—30)

This invention relates to new and useful improvements in a deflector ball game.

The invention has for an object the construction of a game as mentioned which is characterized by a table with field lines thereon to one end of which there is mounted a vertical member having a deflecting surface which is partially covered at the bottom with a net. The feature of the construction is that a player may bat a ball against the deflecting surface with a racket or similar instrument and attempt to cause the ball to bounce in certain portions of the field.

A further object of the invention is an arrangement whereby the vertical member is hingedly mounted and may be lowered to an inoperative position beneath the table so that the table may be used for other purposes.

Another one of the objects of the invention is to arrange the net adjustable on the table so that it may be moved to a central position and then the table may be used as a Ping Pong or a tennis table.

The invention proposes that the device be either small and portable for indoor use, or of a large size for outdoor use.

A further object of the invention is an arrangement wherein the vertical member has a second deflecting surface on its back side, and an arrangement is provided by which the vertical member may be turned so that either side may be used as desired.

Another object is the construction of a device as mentioned which is simple and durable and which may be manufactured and sold at a reasonable cost.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawing, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:—

Fig. 1 is a perspective view of a deflector ball game constructed according to this invention.

Fig. 2 is a fragmentary bottom elevational view looking in the direction of the line 2—2 of Fig. 1.

Fig. 3 is a fragmentary vertical sectional view taken on the line 3—3 of Fig. 2.

Fig. 4 is an enlarged sectional view taken on the line 4—4 of Fig. 2.

Fig. 5 is an enlarged sectional view taken on the line 5—5 of Fig. 2.

Fig. 6 is a fragmentary sectional view taken on the line 6—6 of Fig. 1.

The deflector ball game, according to this invention, comprises a table 10 with field lines 11a, 11b, etc. on the top thereof. A vertical member 12 is mounted on one end of the table and has a deflecting surface 12a. A net 13 covers the lower portion of the vertical member so as to block off the lower portion of the deflecting surface.

The end of the table, upon which the vertical member 12 is mounted, is formed with an outward extending ledge 10'. Upon the free edge of this ledge there is a plate 14', hingedly mounted. This plate is adapted to be pivoted beneath the ledge 10'. The vertical member 12 is swivelly mounted upon the plate 14. There is a central swivel connection 15 from the center of the bottom of the vertical member 12 which engages through the plate 14. On the two sides of this swivel connection there are removable elements 15', preferably screws, for holding the vertical member 12 in adjusted positions. It is possible to adjust the vertical member 12 so that the deflecting surface 12a is to the front, or to turn it around 180° so that the rear deflecting surface 12b is to the front. This rear surface distinguishes from the front surface in the fact that it is composed of a plurality of straight vertical flat areas, contrasted with the curved shape of the surface 12a.

The net 13 is supported upon a pair of vertical arms 16 which extend through parallel longitudinal slots 17 in the table top. The arms 16 connect with rearward extending portions 16a, which in turn connect with a transverse extending portion 16b. This transverse extending portion 16b engages a pair of runners 18 mounted on the bottom of the table. These runners serve to slidably support the portion 16b so that this portion may be moved forwards or rearwards to correspondingly move the net 13. The dot and dash lines 13' in Fig. 1 illustrate a moved position of the arms 16 to the center of the table. The lower ends of the arms 16 have small offset bottom portions 16' which engage against the top of the table and slidably support the arms. These offset portions 10' connect with the portions 16a previously mentioned.

The plate 14 is held in edge alignment with the ledge 10' by slides 20 adjustably mounted in tracks 21 upon the underside of the plate 14 and extendible into complementary receiving tracks 22 upon the underside of the ledge 10'. The operation of the device is as follows: when in the condition shown in Fig. 1 a player may stand to the

front end thereof and with a suitable racket drive a ball against the deflecting surface and have it bounce upon certain portions of the field of the table. It requires skill to properly handle the ball so that it travels the paths desired.

When desired, the slides **20** may be withdrawn, the plate **14** pivoted downwards, and the vertical member **12** swivelled around 180°. The plate **14** may then be moved back to the horizontal position and held in this position by proper engagement of the slides **20**. Now a different deflecting surface is presented to the player.

When it is desired the slides **20** may be retracted and the plate **14** pivoted downwards through 180° so that the member **12** assumes the position **12'**. The parts are so proportioned that in the lowered position the member **12'** has its bottom end engaging the floor. It is necessary that the table be slightly lifted when the member is so lowered.

The portion **16b** may be drawn frontwards by one stooping below the table so that the net **13** is moved to the central position **13'**. The table may now be used for Ping Pong and similar games.

It is to be understood that this game may either be of the portable type or built in at any location, also that the portable game may be placed on any table, as shown on the illustration, or provided with suitable legs. The net **13** may be removed entirely from the game.

While I have illustrated and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. A deflector ball game, comprising a table with field lines thereon and having a ledge, a vertical member mounted on said ledge and adapted to be moved to an inoperative position and formed with a deflecting surface, and a net covering the lower portion of said vertical member, said vertical member being hingedly mounted so that it may be lowered to an inoperative position to allow other games to be played on the said table.

2. A deflector ball game, comprising a table having a ledge at one end, a vertical member hingedly mounted on said ledge and adapted to be pivoted to an inoperative position beneath said ledge, and a net supported on a pair of arms so as to extend across the lower portion of the vertical member in the raised position thereof.

3. A deflector ball game, comprising a table having a ledge at one end, a vertical member hingedly mounted on said ledge and adapted to be pivoted to an inoperative position beneath said ledge, and a net supported on a pair of arms so as to extend across the lower portion of the vertical member in the raised position thereof, said arms extending through longitudinal slots in the said table and connecting with portions extending beneath the table, in turn connecting with a transverse portion engaging a track by which the arms may be adjusted to various positions.

4. A deflector ball game, comprising a table having a ledge at one end, a plate hingedly mounted on the edge of said ledge, a vertical member swivelled on said plate and formed with deflecting surfaces on the front and back sides, a pair of arms extending through slots in said table and supporting a net across the lower portion of said vertical member, said arms connecting with portions engaging tracks mounted upon the bottom of the table by which the arms may be moved to various adjusted positions.

5. A deflector ball game, comprising a table having a ledge at one end, a plate hingedly mounted on the edge of said ledge, a vertical member swivelled on said plate and formed with deflecting surfaces on the front and back sides, a pair of arms extending through slots in said table and supporting a net across the lower portion of said vertical member, said arms connecting with portions engaging tracks mounted upon the bottom of the table by which the arms may be moved to various adjusted positions, said arms having offset portions at the bottom ends resting against the top of the table.

6. A deflector ball game, comprising a table having a ledge at one end, a plate hingedly mounted on the edge of said ledge, a vertical member swivelled on said plate and formed with deflecting surfaces on the front and back sides, a pair of arms extending through slots in said table and supporting a net across the lower portion of said vertical member, said arms connecting with portions engaging tracks mounted upon the bottom of the table by which the arms may be moved to various adjusted positions, and means for holding the said vertical member in fixed positions.

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