C. G. LINS.

GAME APPARATUS.

APPLICATION FILED OCT. 16, 1915.

1,173,818.

Patented Feb. 29, 1916.

2 SHEETS—SHEET 1.

Fig. 1.

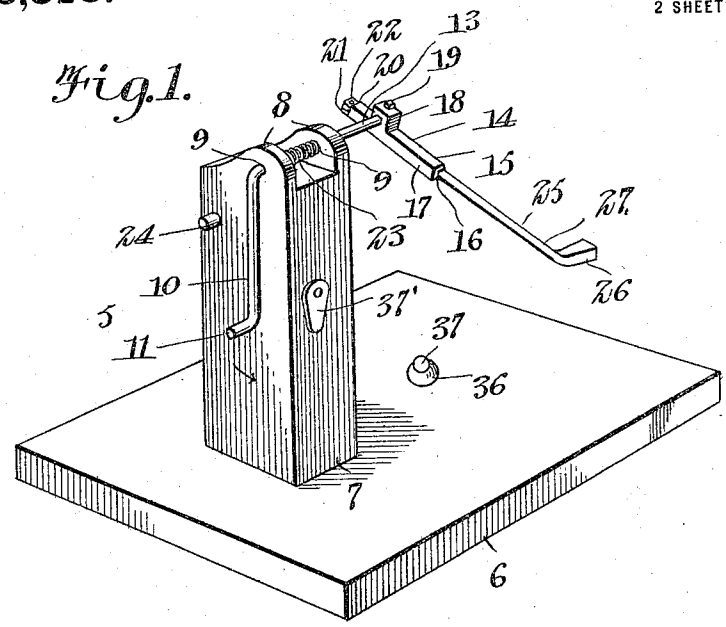
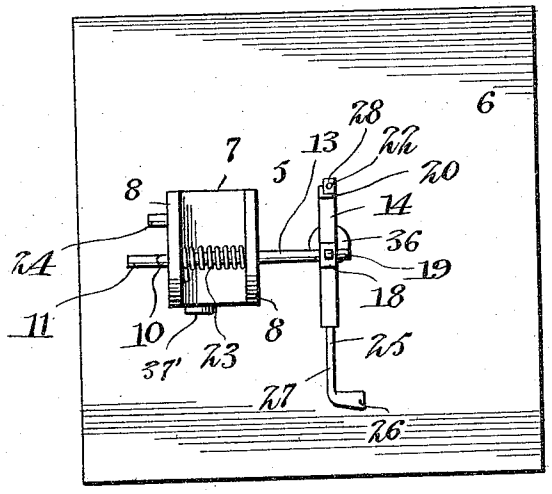


Fig. 2.



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2 SHEETS—SHEET 2.

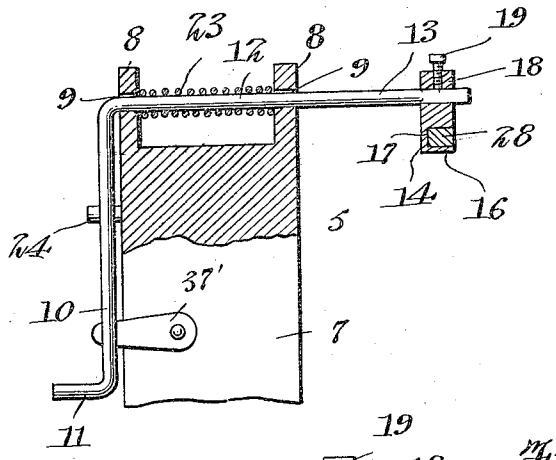


Fig. 3.

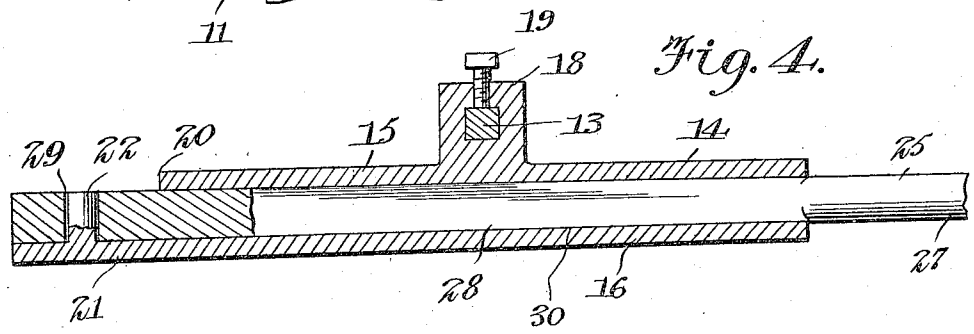
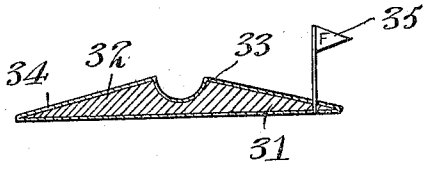
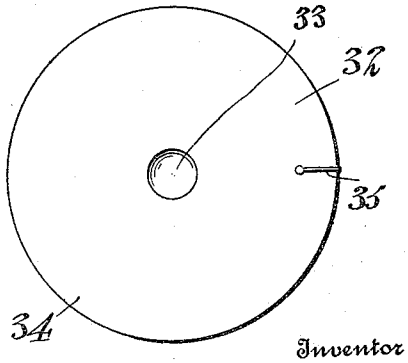


Fig. 4.

Fig. 5.

Fig. 6.





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GAME APPARATUS.

1,173,818. Specification of Letters Patent. Patented Feb. 29, 1916.

Application filed October 16, 1915. Serial No. 56,271.

To all whom it may concern:

Be it known that I, CARLE G. LINS, a citizen of the United States, residing at Norfolk, in the county of Norfolk and State of Virginia, have invented new and useful Improvements in Game Apparatus, of which the following is a specification.

This invention relates to improvements in toys and has relation more particularly to a device adapted for playing "indoor golf."

The primary object of the invention is the provision of a device of the above-stated character including a novel form of ball or sphere projecting apparatus having a holder permitting of the attachment and detachment to the ball of sphere projecting apparatus of the different forms of clubs as are ordinarily employed in the playing of golf such as the driver, brassy, mid iron, mashie, niblick, approach iron, and putter.

A still further object of the invention is the provision of a ball or sphere projecting apparatus wherein the holder is mounted upon a shaft having a manipulating crank, whereby upon turning of the crank in one direction, tensions the spring for effecting the driving of the ball upon release of the crank.

With the above and other objects in view, the invention consists in the novel features, details of construction and combination of parts which will hereinafter be more fully set forth, illustrated in the accompanying drawings and pointed out in the appended claims.

Figure 1 is a detail perspective of the ball or sphere projecting apparatus. Fig. 2 is a top plan view. Fig. 3 is a detail vertical section. Fig. 4 is a detail section illustrating the manner of connecting the golf sticks with the holder. Fig. 5 is a plan view of the disks in which the ball is delivered. Fig. 6 is a transverse section through the disk shown in Fig. 5.

Referring more particularly to the drawings by way of reference characters, 5 denotes the ball or sphere projecting apparatus which in this particular instance is constructed of wood, but it is to be understood that the same may be made of any material found desirable, and is constructed of a thickened base portion 6 of substantially rectangular configuration. An upright or post 7 rises from the base and is of substantially elongated or rectangular form provided on its upper free end with a pair of spaced parallel ears 8 formed flush with the opposite side faces of the upright or post 7 and said ears are formed with alined openings 9. Journaled in the openings 9 of the ears 8 is an angular operating crank 10 formed with an operating handle 11 and a rotating shaft 12, the said shaft projects a distance beyond one of the side faces of the upright or post 7 to provide an extension 13, the free end of such extension being squared in cross section. For the purpose of operatively connecting the different sticks to the extension 13 of the shaft 12, as are customarily employed in the playing of the game of golf, such as the driver, brassy, mid iron, mashie, niblick, approach iron, putter, and the like, I provide a novel form of hold 14 of substantially U-shaped configuration in cross section and constituting spaced parallel limbs or side flanges 15 and 16 and a connecting portion 17. Formed on the limb or flange 15 of the holder is a laterally extending apertured bearing 18 adapted to removably engage with the square portion of the extension 13 of the shaft for mounting the holder on said shaft. It will of course be understood that the holder is prevented from any accidental rotation with respect to the shaft, due to the specific configuration of the extension 13 and to prevent any lateral movement or displacement of the holder 14 from the shaft 12, I employ a fastening means such as a thumb screw or the like 19. The upper end of the connecting portion 17 of the holder is extended beyond the outermost terminal portions 20 of the flanges 15 and 16 respectively, to provide an extension 21, said extension is formed with a laterally extending lug 22, the purpose of which will be hereinafter described. A retractile spring 23 is mounted in embracing relation to the shaft 12 and defined between the spaced parallel ears 8 having one terminal connected to the upper end of the post or upright 7 and its opposite end fastened to the said shaft and the said spring is placed under tension when the handle is moved in the direction indicated by the arrow in Fig. 1, which will be more fully described in the explanation of the operation of this device. Projecting laterally from one of the side faces of the

upright or post 7 and in alinement with the operating handle 10 is a stop 24 primarily adapted for stopping the handle 10 upon the release of the same by the operator after the spring 23 has been tensioned, for limiting the stroke of the club 25. This club 25 is illustrated as a driver type of club, but as before stated, the holder 14 is adapted for interchangeably receiving any type of club desired, and each club is provided with a head 26 and a handle portion 27, the handle portion from its outermost end to a point throughout its length is formed with a flattened or squared portion 28 having an opening 29, it will therefore be understood that when it is desired to connect the club in the holder 14 of the ball projecting apparatus, the lug 22 is inserted through the opening 29 of the club and the flattened surface 28 thereof is wedged in the channel 30 formed by the flanges 15 of the holder, thereby any accidental displacement or movement of the club from the holder is prevented.

In the playing of this game, it is desirable to follow out as near as possible, the ordinary rules and regulations involved in the usual game of golf, in lieu thereof I have illustrated a member 31 and will term the same as a ball receiving device, which in this particular instance constitutes a flat pin disk 32 tapering upwardly from its outermost peripheral edge toward the center thereof and centrally formed with a concaved ball-receiving pocket 33. For the purpose of ornamentation, it is to be stated that these disks are provided with an ornamental covering 34 which may comprise cloth of any desirable color. This ball-receiving device is provided with a signal 35 for the purpose of inviting attention to the players of the ball receiving device and assisting the players in accurately projecting the ball from the tee 36. This tee 36 is elevated slightly above the plane of the base 6 and to one side of the upright 7 to represent a mound for positioning the ball previous to the action of projecting the same.

It is to be understood that in the playing of this game and in order to make the same complete, I employ nine of the ball receiving devices, but for the purpose of illustration only one of such devices is shown.

From the foregoing taken in connection with the accompanying drawings, in briefly describing the operation of the device, it is to be stated the handle 10 is turned clockwise against the tension of spring 23 and is caught behind the stop 37′. The stop 37′ is then released to allow the shaft to rotate until the handle 10 is stopped by the stop 24. It is to be further understood that as many of these ball projecting devices as is found desirable may be employed and positioned in convenient location with the respective ball receiving disks, whereby should the player fail to deliver the ball directly within the pocket 33 and it is found not necessary to convey these ball projecting devices, the ball may be projected with an attempt to seat the same in said pockets.

From the foregoing description, taken in connection with the accompanying drawing, the advantages of construction and of the method of operation will be readily apparent to those skilled in the art to which the invention relates, and while I have described the principles of operation of the device together with the device which I now consider to be the best embodiment thereof, I desire to have it understood that the device shown is merely illustrative and that such changes may be made when desired as are within the scope of the claims appended hereto.

Having described the invention, what is claimed is:

1. A ball projecting apparatus embodying a support, a shaft rotatably mounted upon said support, a holder detachably mounted upon said shaft, a lug formed on said holder, and a ball projecting member engaging the lug of the holder for operatively connecting the same to said shaft.

2. In a device of the class described embodying a ball projecting apparatus comprising a support, a spring tensioned shaft rotatably mounted upon the support, an operating handle for said shaft, a ball projecting member carried by said shaft, laterally projecting means for limiting the stroke of the ball projecting member, and means for holding the operating handle against the tension of the spring.

3. In a device of the class described embodying a ball projecting apparatus comprising a support, a spring tensioned shaft rotatably mounted upon the support, an operating handle for said shaft, a ball projecting member carried by said shaft, laterally projecting means for limiting the stroke of the ball projecting member, and means pivotally connected with one of the faces of the support and adapted to be swung in the path of movement of the operating handle for holding the latter against the tension of the spring.

4. In a device of the class described embodying a ball projecting apparatus comprising a support, a spring tensioned shaft rotatably mounted upon the support, an operating handle for said shaft, a ball projecting member carried by said shaft, and a stop pivotally connected to one of the faces of the support and adapted to be swung in a horizontal position for holding the ball projecting member against action of the spring.

5. In a device of the class described embodying a ball projecting apparatus comprising a support, a spring tension shaft rotatably mounted upon the support, an op-

erating handle for said shaft, a ball projecting member carried by said shaft, and means pivotally connected to one of the faces of the support and adapted to be swung to assume a horizontal position and in obstructing relation to the path of movement of the operating handle for holding the shaft against the tension of its spring, and means laterally projecting from another face of the support for limiting the stroke of the ball projecting member.

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

CARLE G. LINS.

Witnesses:
M. K. ROBERTSON,
R. A. MCCOY.

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