

Oct. 13, 1936.

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2,057,504

GOLF DEVICE

Filed Dec. 27, 1932

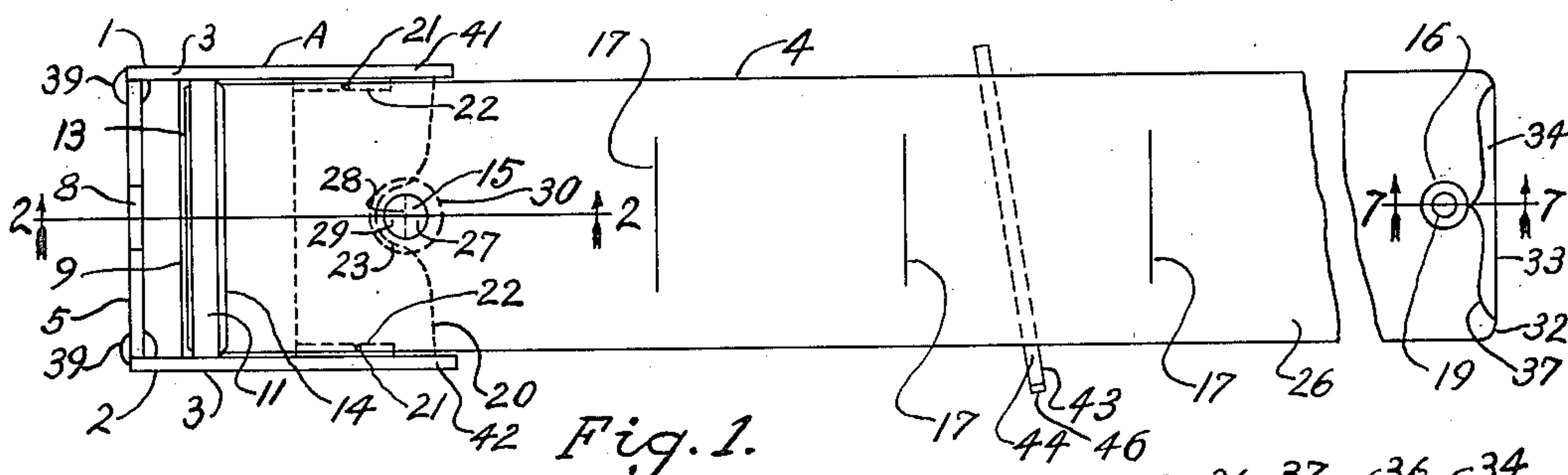


Fig. 1.

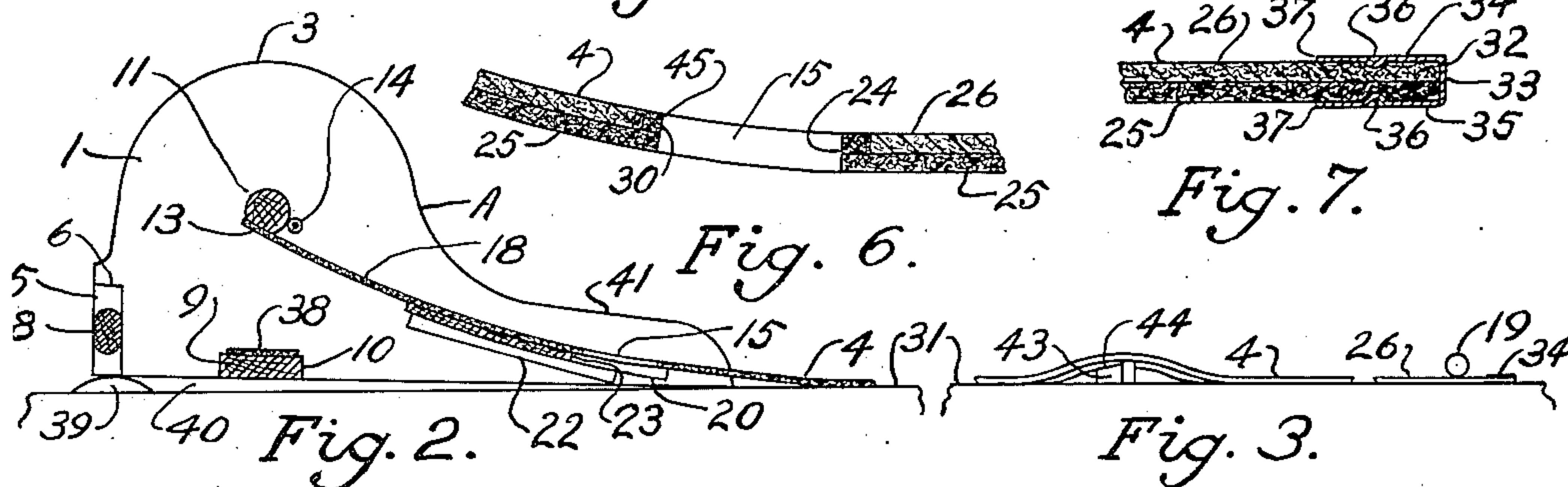


Fig. 2.

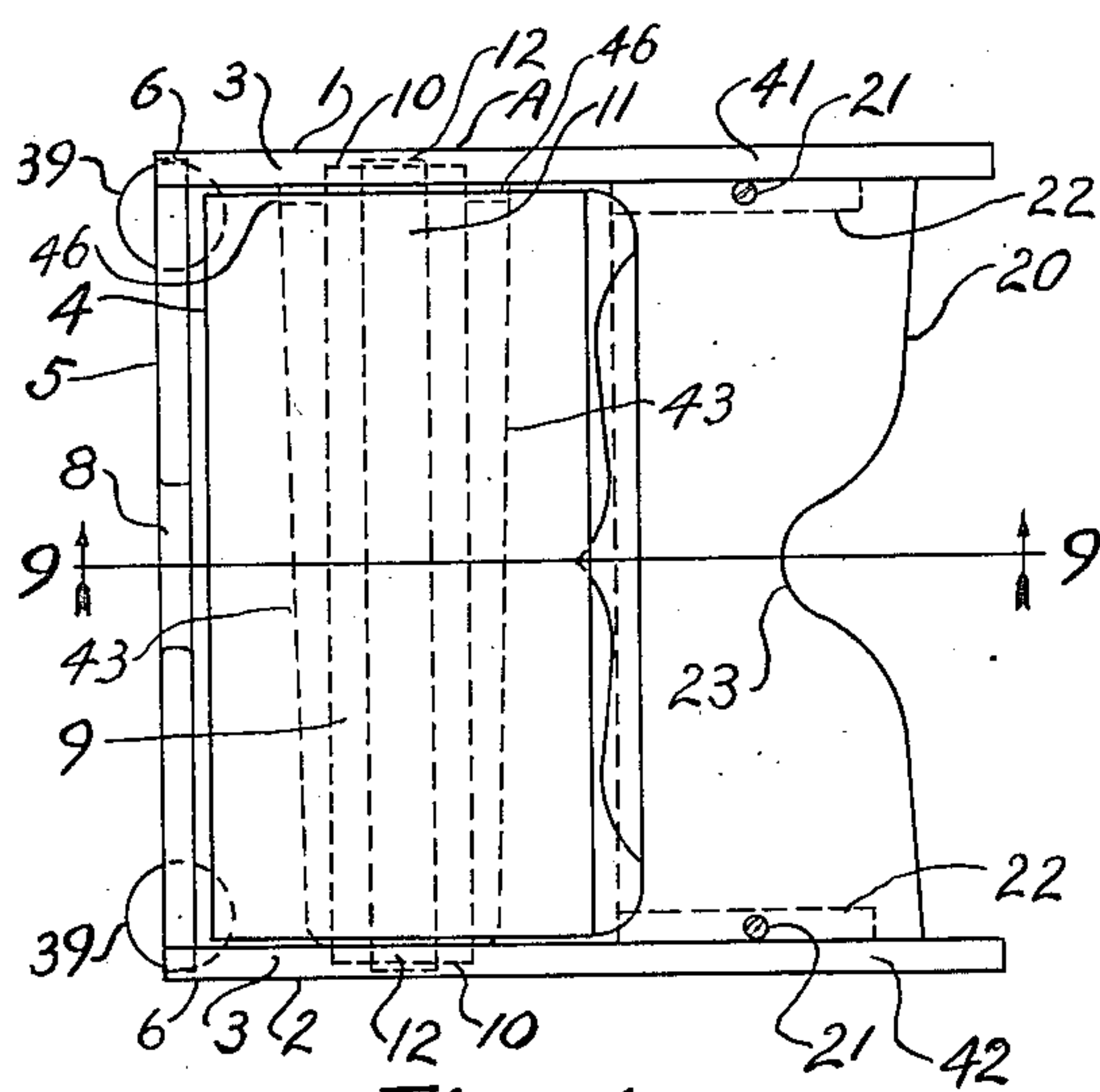


Fig. 3.

Fig. 4.

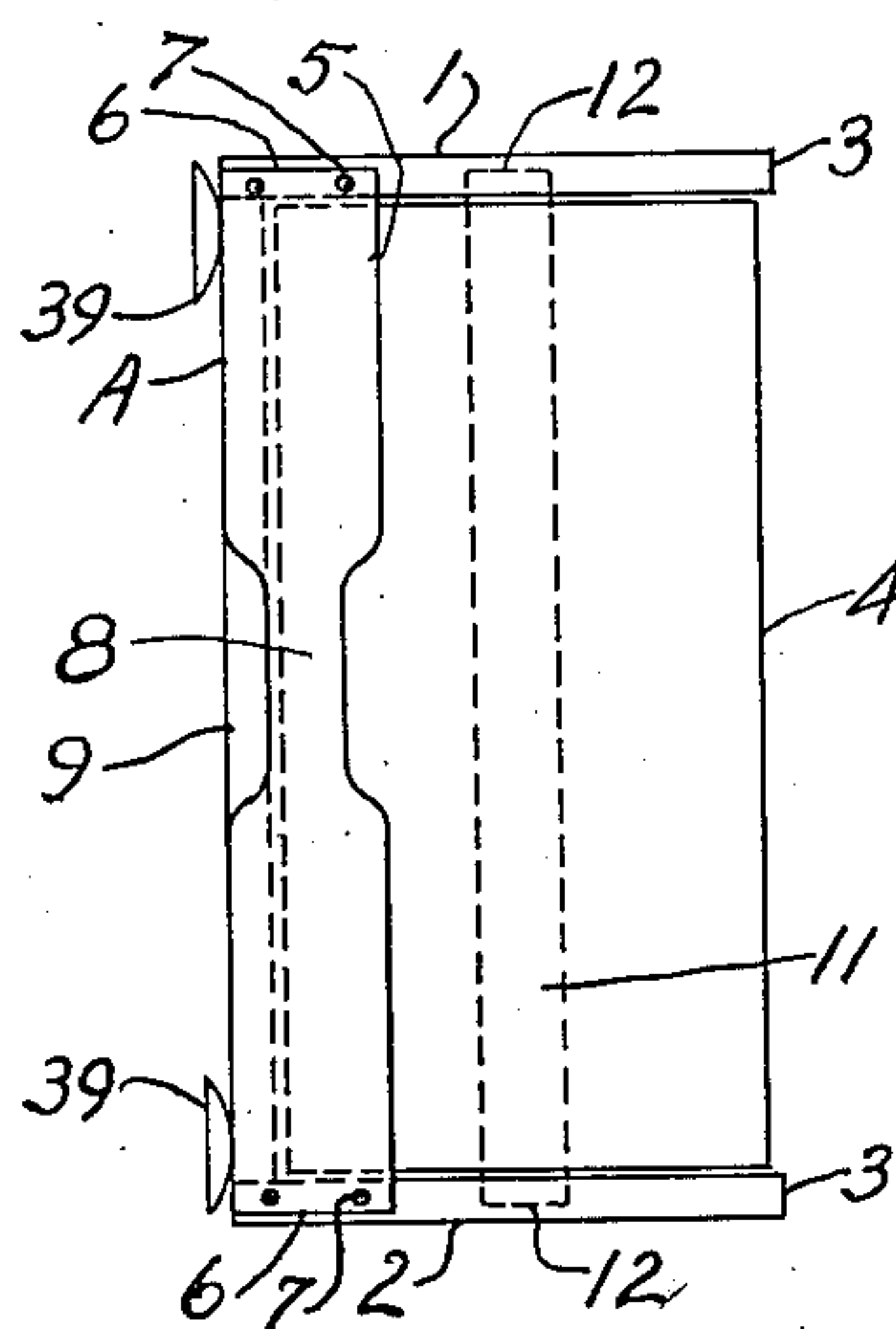


Fig. 5.

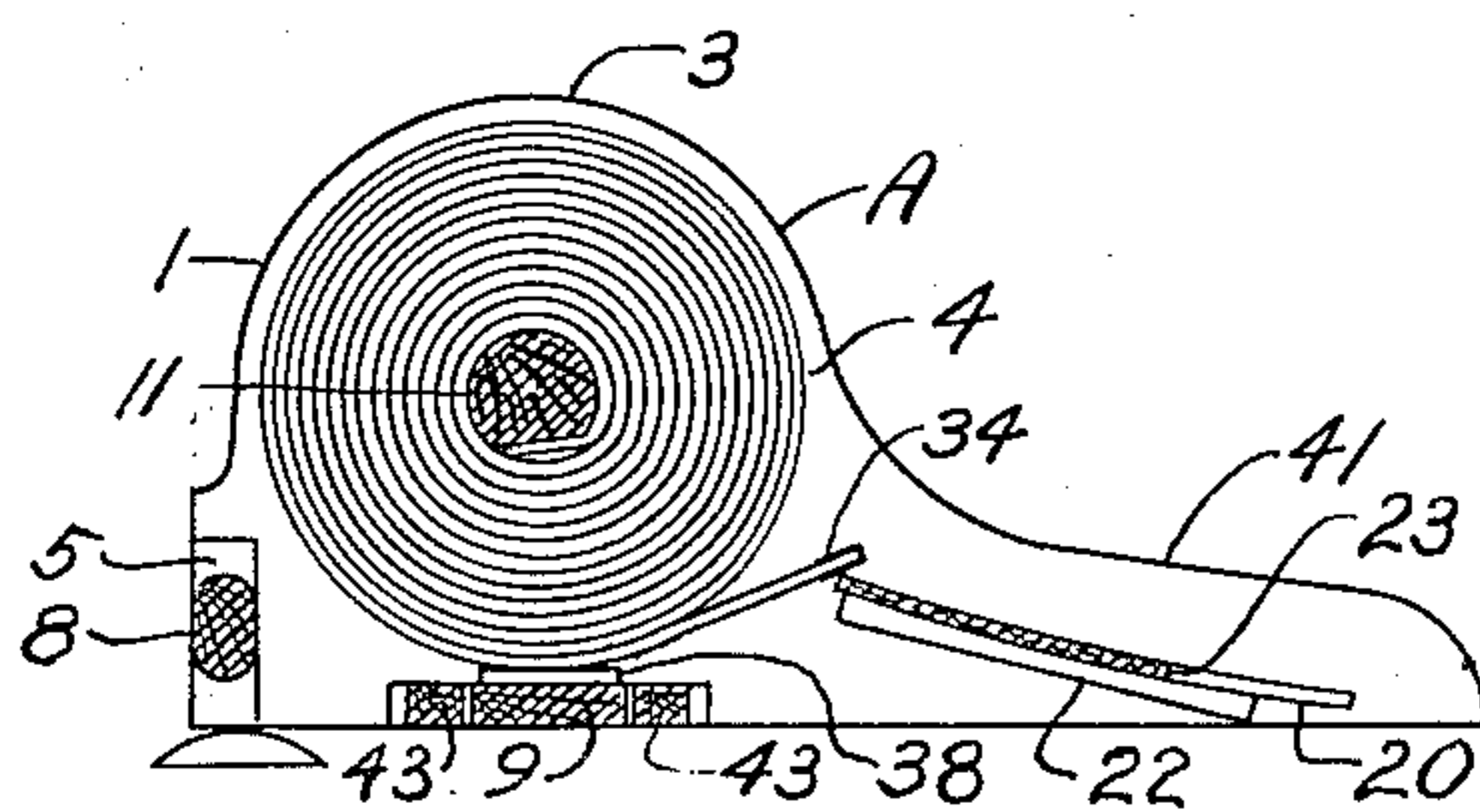


Fig. 6.

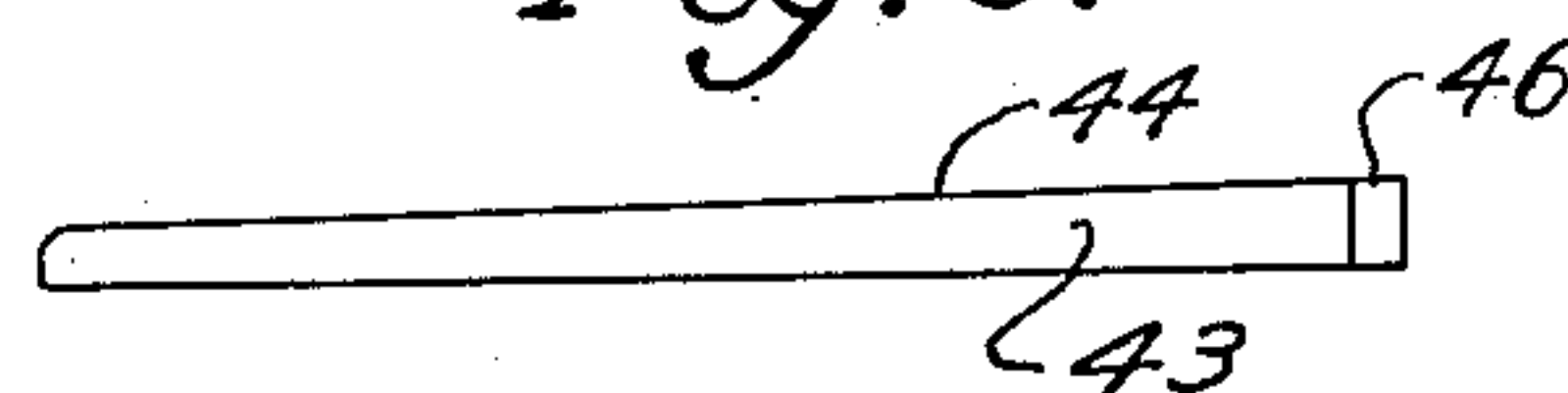


Fig. 7.

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2,057,504

GOLF DEVICE

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Application December 27, 1932, Serial No. 648,939

14 Claims. (Cl. 273—32)

My invention relates to improvements in golf devices in which a ball is hit toward a hole, and the objects of my improvement are, first, to provide a golf device having a rollable portion provided with a hole for receiving a ball; second, to provide a golf device having an inclined surface with a hole therein; third, to provide a golf device having a member for causing a ball to rebound toward the point from which the ball is hit; fourth, to provide a golf device having a rollable portion together with means for frictionally securing the rollable portion in a rolled position; fifth, to provide a golf device provided with vacuum members for securing the device against movement when a rollably mounted portion is unrolled; sixth, to provide a golf device having means for altering the position of a carpet member to provide various hazardous shapes in the carpet member; seventh, to provide a golf device having a carpet member provided with a designated portion toward which a ball is spotted by a rebound movement; eighth, to provide a golf device provided with spaced designations for measuring the rebound movement of a ball; ninth, to provide a golf device having a carpet member provided with means for preventing warping; tenth, to provide a golf device having a carpet portion resembling the grass or turf of a green on a golf link, said carpet portion having a hole resembling a golf hole surrounded by turf, the edge of the hole being reinforced by stiffening means; eleventh, to provide a golf device having a supporting portion extending partially around and beneath a hole in a carpet member; twelfth, to provide a golf device having a frame member forming a handle for transporting the device; and thirteenth, to provide a golf device having a hole with an edge portion extending in a plurality of planes.

I attain these objects by mechanism illustrated in the accompanying drawing, in which,—

Figure 1 is a plan view of the golfing device in its operative position; Fig. 2, a sectional view of a portion of the golfing device in its operative position; Fig. 3, a side elevation of a portion of the golfing device; Fig. 4, a plan view of the golfing device in its rolled or compact position for being transported or stored; Fig. 5, an end elevation of the golfing device as disclosed in Fig. 4; Fig. 6, a vertical section through the hole for receiving a golf ball; Fig. 7, a vertical section through a portion of the carpet portion and its means for preventing warping, said section being taken on the line 7—7, Fig. 1; Fig. 8, a side

elevation of one of the members for altering the shape or position of the carpet portion; and Fig. 9, a vertical section through the golfing device when in its rolled or assembled position, said section being taken on the line 9—9, Fig. 4.

Similar numerals refer to similar parts throughout the several views.

The supporting frame or framework assembly A of my golfing device includes the side members 1 and 2 which are formed with the spherical portions 3 having radii approximately equal or slightly greater than the outside radius of the carpet 4 when in its rolled position of assembly as disclosed in Figs. 4, 5, and 9, thus producing, with the furniture finish of the side members 1 and 2 and the remaining portions of the golfing device, a most pleasing appearance and an assembly that will compare favorably with the furniture in any home where my golfing device is adapted for use.

The side members 1 and 2 are connected together, at their ends, by the cross piece 5, the side members 1 and 2 being suitably rabbeted or cut back at 6, the cross piece 5 being secured by the screws 7. The cross piece 5 may be provided with the handle portion 8 which permits the golfing device to be easily carried, transported, or stored as an assembly.

The framework A is also connected together by the cross piece 9 which is also fitted into a suitably rabbeted or cut back portion 10 of the side members 1 and 2, the cross piece 9 being located directly below the axis of the roller 11 which is revolvably mounted in the recesses or bearings 12 which extend partially through the side members 1 and 2. The carpet 4 is suitably secured, to the roller 11, at 13 and is so located that the resilient member 14 is located approximately as shown in Fig. 2, in which position, the resilient member 14 will act as a rebound member to cause the golf ball 19 when hit past the hole 15 to strike the resilient member 14 to rebound and roll back down the carpet 4. The golfing device can thus be used for amusement purposes in which the game or contest will be to place the golf ball 19 on or adjacent the spot 16 on the carpet 4 and then striking the golf ball 19 with a golf club to cause the golf ball 19 to roll down the carpet 4 and strike the resilient member 14 and rebound back along the carpet 4 toward the spot 16, the skill of the player being determined by the final position of the golf ball 19 relative to the spot 16 or the lines or marks 17 which designate different graduated positions located at different distances from the spot 16.

It will thus be seen that the resilient member 14 is suitably secured to the roller 11, as by nailing or cementing, in the position disclosed in which the golf ball 19, rolling up the inclined portion 18 of the carpet 4, will be guided, by the inclined position of the carpet 4, to strike the central portion of the resilient member 14. The side members 1 and 2 of the framework A are further connected together by the inclined member 20 which is secured by the screws 21 to the cleat or bracket members 22 which are suitably secured to the side members 1 and 2. The inclined member 20 is provided with an irregular or indented portion 23 which is located adjacent and around one side of the hole 15 to support the carpet 4 and to position and maintain the hole 15 so that the hole 15 forms, for practical purposes, an opening whose edge portion 24 presents the same reaction to the golf ball 19 entering same as will be found in the normal hole of the greens of a golf links. The carpet 4 is preferably constructed with a base portion 25 of burlap or similar material and having its upper portion 26 formed of felt or similar material which is similar in appearance and in its reaction to the rolling of the golf ball 19 thereon as will be found on the grass or turf of the usual greens of a golf links, the upper portion 26 being preferably colored green to resemble grass. It is further to be noted that the portion 27 of the hole 15, as indicated on one side of the dotted line 28, in Fig. 1, will extend practically in a horizontal plane to allow the golf ball 19, when struck properly to roll to the hole 15 and to roll over the horizontally located edge of the hole 15 in the same manner as it would in rolling into a hole on the greens of a golf links whereas if the golf ball 19 is struck with sufficient force to roll or pass by and over the hole 15, the side 29 of the hole 15 will be raised, due to the carpet 4 being elevated by the inclined member 20, and will present its edge portion 45 to be struck by the golf ball 19 to cause the golf ball 19 to be deflected or rebounded back into the hole 15, thus denoting to the player that the proper blow has been applied to the golf ball to guide it in alignment with and into the hole 15. To enable the portion 26 of the carpet 4 to maintain its felt or similar material in its original shape and construction around the edge of the hole 15 and to prevent the material of the portion 26 from becoming worn round and displaced which would disturb or deflect the golf ball 19 in its course into and over the hole 15, the edge portion 30 of the hole 15 is reinforced by being impregnated with rubber cement or similar material, such as cloth or twine binding.

The use of the carpet 4 with a base portion 25 constructed of burlap or similar material enables the carpet 4 to be maintained in a flat position on the floor, indicated at 31, without wrinkles, undulations, or warping therein and to further accomplish this desired result and to prevent the carpet 4 from being thus further displaced, the end portion 32 is provided with the member 33 which is provided with the upper flange 34 and the lower flange 35, said flanges being placed adjacent the upper surface of the portion 26 and adjacent the lower surface of the portion 25, the member 33 further extending around the end surface of the carpet 4, the member 33 being provided with the indented portions 36 which extend into and secure the member 33 on the carpet 4. The flange 34 may be provided with the irregular edges 37 to improve its appearance.

The cross piece 9 is provided with the material 38, which may be a layer of rubber or material similar to that of the carpet 4, the material 38 being suitably secured to the cross piece 9 in such manner and position as will enable same to frictionally engage the carpet 4 with sufficient pressure as to clamp the carpet 4 when in its rolled position, as disclosed in Figs. 4, 5, and 9, and form a brake mechanism to prevent the carpet 4 from becoming unrolled except when the golf device is being prepared by the player for operation in which case the player takes the end portion 32 in his hands and pulls the carpet from around the roller 11, the carpet 4 being pulled from its rolled up position disclosed in Figs. 4, 5, and 9 with sufficient force to overcome the braking effect of the member 38 against the roll of carpet during the initial revolution or so of the roller 11 when the carpet 4 will unroll freely and the player can easily pull the carpet 4 to its extended position, as disclosed in Fig. 1, in which the golfing device is ready for the playing operation.

When the carpet 4 is being unrolled in the operation as above described, the golf device is prevented from being pulled along the floor 31 by the vacuum cup members 39, which are suitably secured to the cross piece 5 or a similar portion of the framework A, the vacuum cup members 39 being provided with vacuum recesses which tend to adhere to the floor 31 and maintain the golf device in a fixed position. Also the vacuum cup members 39 are located at the outer end of the framework A and thus provide a clearance space 40 between the side members 1 and 2 and the floor 31, the clearance space 40 tapering to the inside ends, of the side members 1 and 2, which rest on the floor 31. The side members 1 and 2 are respectively provided with the extension portions 41 and 42 at their inner ends, said extension portions extending above and adjacent the edges of the carpet 4 to provide guard members to prevent the golf ball 19 from being deflected transversely from the golf device. The golf device provides a readily operated means for enabling players to practise putting under conditions closely resembling the actual greens of a golf course, the hole 15, with its reinforced edge portion 30, providing a receptacle, for receiving the golf ball 19, which closely resembles the usual cup member surrounded by the firm grass or turf of the greens of a golf course. Also to provide variations in the putting and other playing operations, I provide the member 43, one or more of which can be placed on the floor 31 and under the carpet 4, as disclosed in Figs. 1 and 3, the member 43 having the inclined surface 44 on its upper side to position the carpet 4 at an angle with the floor 31, the member 43 being placed, when desired, at an angle with the longitudinal center of the carpet 4 to provide various angular hazards or undulations in the carpet member 4 for testing and developing the skill of the player. When the playing operation is at an end, the roller 12 is easily revolved by hand until the carpet 4 is coiled or rolled into the position, as disclosed in Figs. 4, 5, and 9, in which the carpet 4 is again held in its rolled position by frictional engagement with the member 38, in which compact form and assembly, the golf device is ready to be transported by hand or by being placed in the body of a motor car or similar vehicle, and after use is thus made ready for storage in any convenient place without taking up

excessive space, or it may be left in any room in a home or similar place in which it is used, the artistic shape and pleasing appearance of the golfing device rendering it a welcome and important portion of any furniture equipment.

The member or members 43 will be provided with the resilient end or ends 46, which may be made of resilient material, such as rubber composition or similar material, to permit the member or members 46 to be inserted between the side members 1 and 2 in position, such as disclosed in Fig. 4, the ends of the member 46 engaging the inside surfaces of the side members 1 and 2, the resilient end 46 being displaced in its engagement with the inside surface of one of the members 1 or 2 to develop sufficient tension to cause the member 43 to be supported in the golfing device, as shown in Fig. 4, thus rendering an efficient and compact method of packing the member or members 43 for storage and transportation purposes.

I claim:

1. In a golf device, the combination of a supporting framework assembly, a roller revolvably mounted in said supporting framework assembly, a carpet member suitably connected to said roller and adapted to be rolled thereon, said carpet member being provided with an opening for receiving a ball therein, the opening of said carpet member being provided with a reinforced edge portion, said carpet member being provided with a designated spot adjacent one of its ends together with a plurality of spaced designated marks between its said spot and said opening, a resilient member suitably attached to said roller, said resilient member being so located as to be engaged by a ball rolling along said carpet member toward said roller, means attached to said carpet member to prevent it from warping, means secured to said supporting framework assembly for contacting said carpet member when rolled on said roller to prevent said carpet member from unrolling, and members suitably secured to said supporting framework assembly to eliminate movement of the golf device when in its operating position.

2. In a golf device, the combination of a carpet member provided with an opening therein to receive a ball, and means for supporting said carpet member so that a portion of the edge of said opening extends approximately in a horizontal plane to receive the ball, said means further supporting said carpet member so that a portion of the edge of said opening is raised above a horizontal plane to engage the ball.

3. In a golf device, the combination of a pair of side members, means for spacing said pair of side members, said means including an inclined member provided with an indented edge portion, and a carpet member supported on said inclined member, said carpet member being provided with an opening for receiving a ball, said opening being located adjacent the indented edge portion of said inclined member to maintain a portion of said opening substantially in a horizontal plane together with the remainder of said hole in a raised position relative to said horizontal plane.

4. In a golf device, the combination of a carpet member provided with an opening for receiving a ball, said carpet member being further provided with a spot designation thereon together with a plurality of spaced designations between said opening and said spot designation, a roller member secured to said carpet member, and

means for causing a ball to rebound to a position adjacent one of said designations on said carpet member, said means being suitably secured to said roller.

5. In a golf device, the combination of a roller member suitably mounted, a carpet member secured to said roller member, and resilient means suitably attached to said roller member for causing a ball striking said resilient means to rebound along said carpet member.

6. In a golf device, the combination of means provided with an opening for receiving a ball, said means being suitably mounted to be rolled, and means for causing the ball to rebound past said opening, said last mentioned means being adapted to be rolled within said first mentioned means.

7. In a golf device adapted for use on a floor, or similar surface, the combination of a roller member, a pair of side members supporting said roller member, a carpet member secured to said roller member and adapted to be rolled thereon, and a brake mechanism suitably supported in alignment with a line extending at right angles to the floor and through said roller member, said brake mechanism being adapted to contact said carpet member when in a rolled position to prevent said carpet member from unrolling.

8. In a golf device, the combination of a pair of side members, a roller suitably supported in said side members, a carpet member suitably secured to said roller and adapted to be rolled thereon, and a member adapted to be placed under said carpet member when in an unrolled position to provide undulations therein, said last mentioned member being provided with a resilient portion to enable said last mentioned member to be positioned between said pair of side members.

9. In a golf device, the combination of a pair of supporting frame members, a carpet member suitably supported on said supporting frame members, and a member adapted to be located under said carpet member when unrolled to form undulations therein, said last mentioned member being provided with means for frictionally contacting one of said supporting frame members to enable said last mentioned member to be supported between said supporting frame members to facilitate storage of said last mentioned member.

10. In a golf device, the combination of a supporting structure, a member rollably supported by said supporting structure and adapted to support a carpet member when in a rolled position, and a member supported by said supporting structure and provided with a surface for contacting said carpet member when in its rolled position, said surface of said last mentioned member preventing said carpet from unrolling, said surface of said last mentioned member having no contact with said carpet member when said carpet member is in an unrolled position.

11. In a golf device, the combination of a carpet member, means for supporting said carpet member in rolled and unrolled positions, and brake means for contacting said carpet member when in a rolled position only to prevent said carpet member from unrolling, said brake means having no contact with said carpet member when in an unrolled or partially unrolled position.

12. In a golf device, the combination of a carpet member adapted to be maintained in rolled and unrolled positions, a member attached to and adapted to support one end of said carpet

member, a pair of side members supporting said second mentioned member, an inclined member supported by said pair of side members, said inclined member supporting said carpet member
 5 when in an unrolled position, and means supported by said pair of side members and adapted to contact said carpet member when in a rolled position only to maintain said carpet member in its rolled position, said means extending in
 10 a plane located below the uppermost edge of said inclined member.

13. In a golf device, the combination of a supporting structure comprising a pair of side members and a member extending therebetween, said
 15 supporting structure further comprising an inclined member extending between said pair of side members, said inclined member having its uppermost edge spaced from said member extending between said pair of side members, a
 20 carpet member suitably connected with said member extending between said pair of side members and supported by said inclined member, and resilient means suitably mounted on said member, extending between said pair of side
 25 members, for causing a ball striking said resilient means to rebound along said carpet member.

14. In a golf device, the combination of a frame structure provided with semi-circular

shaped side portions extending uprightly adjacent the ends of a carpet member when in a rolled position, said semi-circular shaped portions extending sufficiently to substantially cover the
 5 adjacent portions only of said carpet member when in a rolled position, said frame structure being further provided with extension portions extending uprightly a sufficient distance to provide means for preventing a golf ball from rolling
 10 off the sides of a carpet member thereadjacent when in an unrolled position, said frame structure being further provided with an inclined portion extending between said extension portions, and a carpet member suitably supported
 15 on said inclined portion of said frame structure when in an unrolled position, said carpet member being adapted to be rolled to a position between said semi-circular shaped side portions, said carpet member being provided with a hole
 20 for receiving a golf ball, said hole of said carpet member having its edge, nearest the center about which said carpet member is rolled, elevated above the plane in which the opposite edge of the hole extends, to cause the ball when driven
 25 in a sole plane over said opposite edge of said hole to engage said raised edge to deflect the ball into said hole.

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