C. B. CORY.

UNIVERSAL PUTTING DISK.

APPLICATION FILED APR. 4, 1921.

1,417,458. **Patented May 23, 1922.**

Fig. 1.

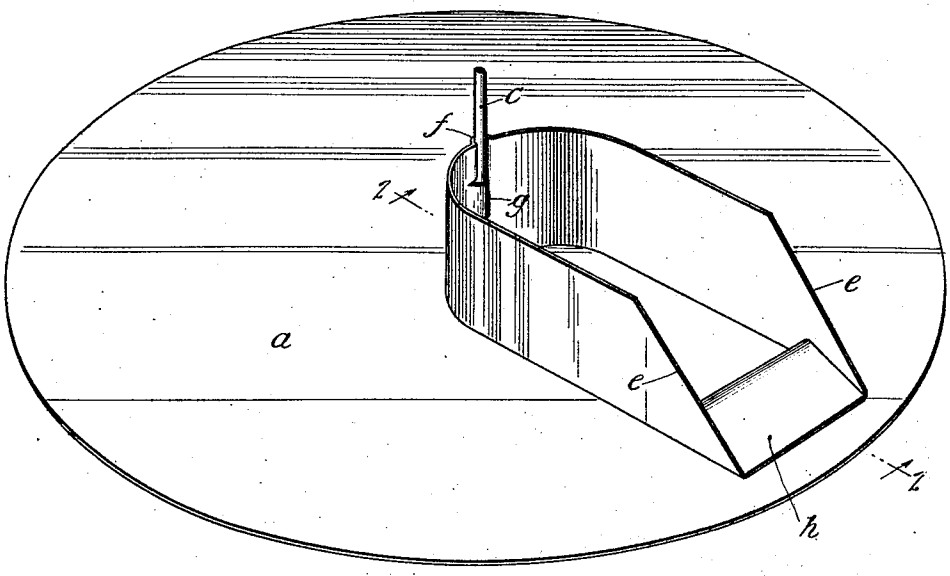


Fig. 2.

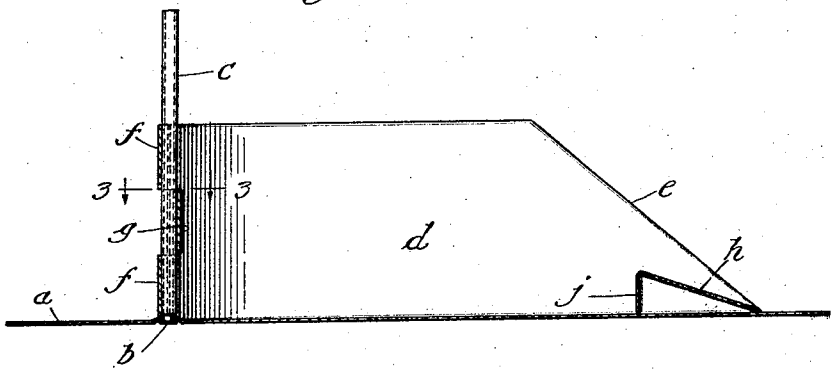
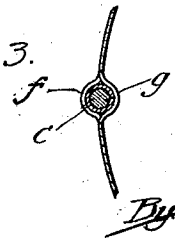


Fig. 3.



Inventor.

Charles B. Cory,

By John Howard McElroy

his Atty

UNITED STATES PATENT OFFICE.

CHARLES B. CORY, OF CHICAGO, ILLINOIS.

UNIVERSAL PUTTING DISK.

1,417,458. Specification of Letters Patent. Patented May 23, 1922.

Application filed April 4, 1921. Serial No. 458,416.

To all whom it may concern:

Be it known that I, CHARLES B. CORY, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Universal Putting Disks, of which the following is a full, clear, and exact specification.

My invention is concerned with what are known as practice putting disks and is designed to produce a simple device that can be cheaply constructed and which will enable the user to perfect his putting without the necessity of having a hole in the surface over which the practice takes place.

To this end it consists of a preferably circular base of sheet metal in the center of which is located a vertical pin upon which is pivoted a cup member having one open side adapted to face in any direction and provided with a retaining member across the open side over which a slowly traveling ball that would drop in a regular cup passes readily, but which retains such a ball on its rebound.

To illustrate my invention, I annex hereto a sheet of drawings in which the same reference characters are used to designate identical parts in all the figures of which—

Fig. 1 is perspective view of my apparatus;

Fig. 2 is a vertical section on an enlarged scale on the line 2—2 of Fig. 1; and

Fig. 3 is a detail in section on the line 3—3 of Fig. 2.

In carrying out my invention in its preferred form, I employ a circular base *a* of sheet metal, which has a preferably concentric aperture in its center through which passes a pin *b*, held in place by its head, and having secured thereon the tube *c* which forms the pivot pin for the cup *d*. This cup is preferably made of sheet metal, and is U-shaped in its horizontal cross-section, preferably having the edges *e* of its open side beveled off, as shown. The center of the curved portion of the cup is preferably provided with the two outwardly projecting curved portions *f* between which is located the inwardly projecting curved portion *g*, said portions *f* and *g* serving as a bearing for the tube *c*, so that the cup can be swung around to bring its open side in alignment with the ball, wherever the latter may lie. As a ball that was moving slowly enough to sink in an ordinary cup might roll back on the rebound from the curved center, I employ a retaining member *h* across the open side, which preferably takes the form of a piece of sheet metal bent so as to form the outer slightly inclined surface to which the reference character *h* is appplied and the vertical surface *j*, which stops a rebounding ball unless it is moving with such force that it would have surely jumped over an open cup had it been used with such. This retaining member *h* may be soldered, or otherwise secured, between the ends of the cup.

I preferably make the aperture through which the pin *b* passes large enough so that the tube *c* can tilt slightly, so that when a ball strikes the rear of the cup, it tilts the same and does not have the same tendency to slide the base *a* over the rug, or other surface on which it rests, as it would have if the pin or tube *c* were rigid and the cup *d* could not tilt.

The use of the device will be readily understood, as it will be seen that it can be placed on a smooth piece of turf, on a rug or carpet, or wherever it is desired to use the same and whenever a putting stroke is to be made, the open side is turned toward the ball, which is then struck in the ordinary manner, and if the direction is right and the ball is struck just hard enough, it will roll up over the surface *h* and into the cup and stop there. If it is struck too hard, but enters the cup, it will rebound so violently as to pass over the retaining member *h*, thus necessitating another stroke before the ball is "holed."

While I have shown my invention as devised primarily for a practice putting disk, it might be used for other purposes, and while I have shown and described it as embodied in the form which I at present consider best adapted to carry out its purposes, it will be understood it is capable of some modification and that I do not desire to be limited in the interpretation of the following claims, except as may be necessitated by the state of the prior art.

What I claim as new and desire to secure by Letters Patent of the United States is:

1. In a device of the class described, the combination with a base, of a cup member pivoted thereon on a vertical axis and open at one side, and a retaining member across said open side, for the purpose described.

2. In a device of the class described, the combination with a base, of a cup member

pivoted thereon on a vertical axis and open at one side, and a piece across the open side of the cup having its outer side inclined upward at a small angle to the base.

3. In a device of the class described, the combination with a base, of a cup member pivoted thereon on a vertical axis and open at one side, said axis being tiltable, and a retaining member across said open side, for the purpose described.

4. In a device of the class described, the combination with a sheet metal base, of a cup member generally U-shaped in horizontal cross-section, mounted to turn thereon at the center of its curved portion by a vertical pivot, and a retaining member across the open side of the cup, for the purpose described.

5. In a device of the class described, the combination with a sheet metal base, of a cup member generally U-shaped in horizontal cross-section, mounted to turn thereon at the center of its curved portion by a vertical pivot, and a piece secured across the open side of the cup having it outer side inclined upwardly at a small angle to the base.

In witness whereof, I have hereunto set my hand and affixed my seal, this fifteenth day of March, A. D. 1921.

CHARLES B. CORY. [L. S.]

Witness:

JOHN HOWARD MCELROY.