

No. 675,456.

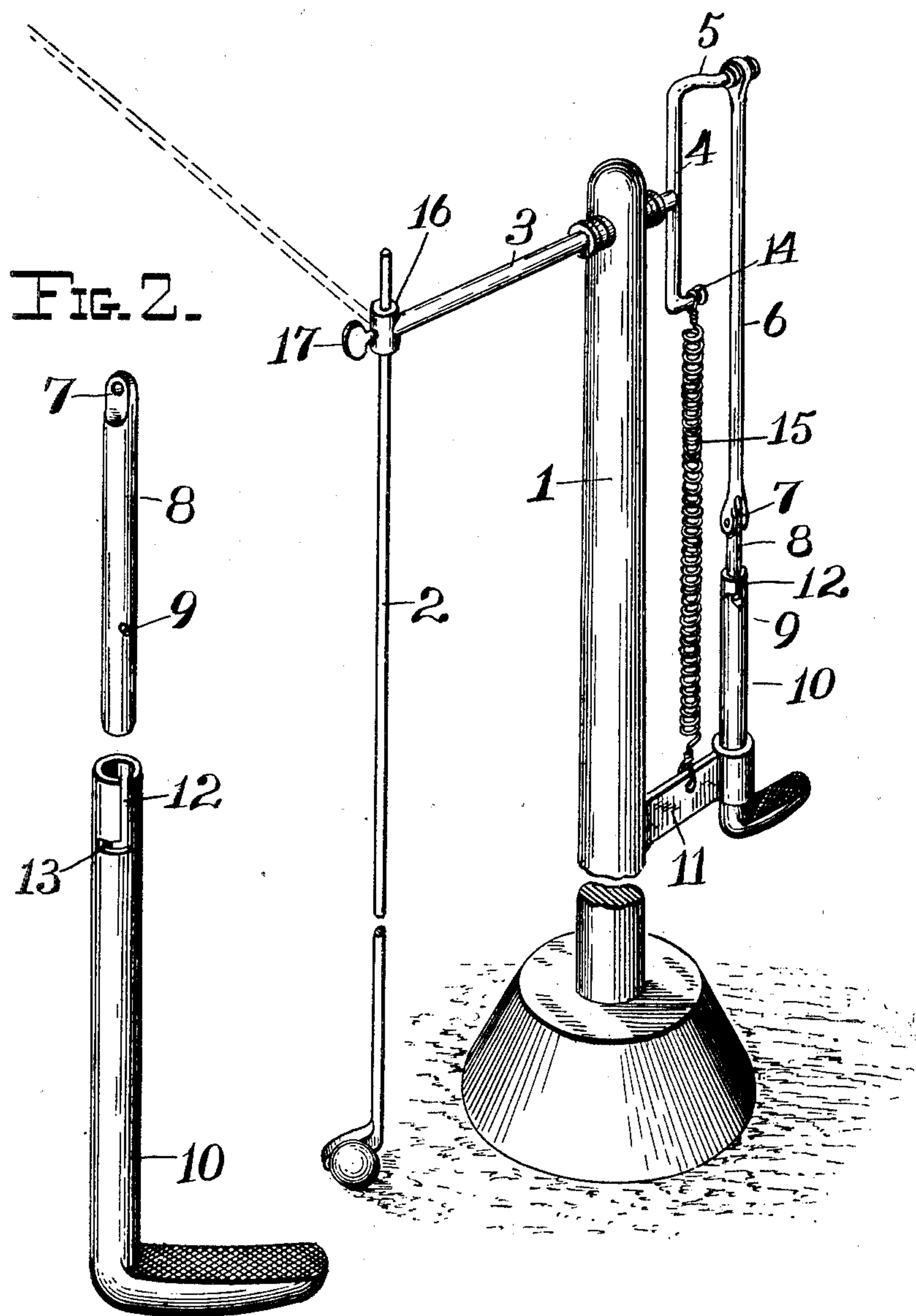
Patented June 4, 1901.

G. T. VOORHEES.
GAME APPARATUS.

(Application filed Oct. 3, 1900.)

(No Model.)

FIG. 1.



Witnesses
Percy C. Bowen.
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UNITED STATES PATENT OFFICE.

GARDNER T. VOORHEES, OF BOSTON, MASSACHUSETTS.

GAME APPARATUS.

SPECIFICATION forming part of Letters Patent No. 675,456, dated June 4, 1901.

Application filed October 3, 1900. Serial No. 31,820. (No model.)

To all whom it may concern:

Be it known that I, GARDNER T. VOORHEES, a citizen of the United States, residing at Boston, in the county of Suffolk and State

5 of Massachusetts, have invented certain new and useful Improvements in Game Apparatus, of which the following is a specification, reference being had therein to the accompanying drawings, in which—
10 Figure 1 is an elevation of my new game apparatus. Fig. 2 is an enlarged view of the finger-piece and therewith-interlocking link mechanism removed from the apparatus for greater clearness.

15 The particular object of my invention is to produce an apparatus adapted for playing what may be called "parlor golf." My apparatus may be used for playing other games, if so desired.

20 In the drawings illustrating the principle of my invention and the best mode now known to me of applying that principle, 1 is the standard, and 2 the play-stick, which may be a golf-stick, croquet-mallet, bat, or any other
25 device for advancing a ball or other object from one position to another in the playing of a game. Stick 2 is movably mounted on the vertical or approximately vertical standard 1 in any desired manner—as, for example, by being clamped or otherwise mounted
30 upon the horizontal rotary stick-carrier 3, which is journaled in the upper part of the standard. Carrier 3 is in the present form of my apparatus provided with a fixed bracket
35 4, having an arm 5, to which a link 6 is loosely mounted. Link 6 extends from an arm 5 downwardly toward the base of the standard and is in the present embodiment of my invention jointed at 7 to a lock-forming member
40 8, which is in substance an extension of the link 6. Member 8 has a lateral stud 9, which is movable through the L-slot in the upper hollow end portion of the endwise-reciprocating finger-piece 10, loosely mounted
45 in guide 11, which projects laterally from standard 1. The upper portion of finger-piece 10 is made hollow or tubular, and the vertical portion of the slot referred to is marked 12 and is formed in a wall of said tubular portion. The purpose of the joint at
50 7 is to permit free movement of link 6 when

it is pulled down. When the stud 9 is in the horizontal portion 13 of the L-slot, the member 8 and finger-piece 10 are locked together, and downward movement of finger-piece 10
55 pulls on arm 5 and rocks the stick-carrier 3, lifting or moving the stick into elevated or playing position. Arm 5 of the bracket 4 forms the upper arm of the bracket when the free end of the stick is toward the ground or
60 floor. By turning finger-piece 10 laterally the upper wall of the groove portion 13 is carried off stud 9, which is thereby brought into line with the vertical portion 12 of the L-slot. Arm 14 of bracket 4 is loaded, say, by a
65 weight or spring, in this instance by a spring 15, which extends from arm 14 to guide 11. The purpose of loading-arm 14 is to bring the stick 2 to the desired striking position under such tension of the spring that the stick will
70 when released strike a blow sufficient to advance the play-ball or other object from one position to another. The path of the club-head when the head is moved is in a circle at an angle to the ground or floor, and, if desired,
75 the base of the standard may be slanted more or less in relation to the vertical portion of the standard, so that the path of the club-head will be in a circle more or less inclined to the ground, as may be desired. 80

Preferably stick 2 is detachably connected with the carrier 3 in order that different kinds of golf or other play sticks may be mounted on the carrier. To this end the carrier 3 is provided with an annular socket-piece 16, in
85 which the play-stick is mounted and wherein it is conveniently clamped by means of the set-screw 17.

It will be apparent to all mechanics that my new apparatus may be constructed in
90 many different forms, and I wish to be understood as claiming my invention in the broadest manner legally permissible.

If desired, the finger-piece 10 and the therewith-connected link members 8 and 6 may be
95 dispensed with and the apparatus be manipulated, say, by using the arm 5 as a crank. If desired, the detachable interlocking of member 8 with the finger-piece may be dispensed with; but I prefer to make the apparatus
100 so that after the stick is lifted the desired height from the ground or floor for

striking the finger-piece may be disconnected with the link members, so that the club may strike while the player's finger is still on the finger-piece.

5 What I claim is—

1. The combination with a substantially vertical standard, of an arm journaled therein, a play-stick connected to said arm, a yoke secured to the opposite end of said arm, and
10 a spring and an operating-rod secured to opposite ends of said yoke, substantially as described.

2. The combination with a substantially vertical standard an arm journaled therein,
15 a play-stick connected to said arm, a yoke secured to the opposite end of said arm, an arm projecting from said standard, and provided with a guideway, a spring connecting said arm and one end of said yoke, and an operating-rod passing through said guideway and
20

connected to the opposite end of said yoke, substantially as described.

3. The combination with a substantially vertical standard an arm journaled therein, a play-stick connected to said arm, a yoke
25 secured to the opposite end of said arm, an arm projecting from said standard, and provided with a guideway, a spring connecting said arm and one end of said yoke, an operating-rod passing through said guideway and
30 connected to the opposite end of said yoke, and a finger-piece integral with the lower end of said rod, substantially as described.

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

GARDNER T. VOORHEES.

Witnesses:

E. A. ALLEN,
EDWARD HENESEY.