

PATENT SPECIFICATION

419,473

Application Date: Aug. 25, 1933. No. 23,688 / 33.

Complete Left: Aug. 15, 1934.

Complete Accepted: Nov. 13, 1934.

PROVISIONAL SPECIFICATION.



A Moving-figure Model in Imitation of a Golfer, Croquet Player or the like.

We, BRITAINS LIMITED, a Company organized under the laws of Great Britain and FRED BRITAIN, a British Subject, both of 28, Lambton Road, Hornsey Rise, London, N.19, do hereby declare the nature of this invention to be as follows:—

The invention relates to moving-figure models in imitation of persons playing golf, croquet, or other games in which strokes are effected with clubs, mallets or like implements.

We shall hereinafter describe the invention with reference to a model golfer, it being understood that golf is only one of the games which may be imitated.

The figure represents a golfer holding a club, in the attitude addressing the ball. The arms are pivoted at the shoulder, and the club is fixed to one hand only, namely the left, if the figure represents a right-handed player. The arms hang down freely, with the club just clear of the ground, the right hand being close to the left, as if it also were holding the club, but preferably there is a slight clearance between the hands. The figure has its stance on a suitable support, generally a plate, which can be placed on a table or floor laid out to represent a toy golf course, with bunkers and whatever other appropriate appurtenances may be desired. It may be convenient to have the feet of the golfer near one edge of the plate, so that the figure can stand close to any required spot.

The pivots of the arms are parallel or approximately so, enabling the arms to swing in front of the body, and in particular arranged so that when the right arm is lifted and allowed to fall again, the right hand, swinging downwards and to the left past its normal position, strikes the club, or the left hand, and imparts a swing to the left arm and the club, in

imitation of a stroke at golf. A ball laid on the floor or table in front of the club is by this means driven.

The force of the drive depends on the angle through which the right arm is lifted before it is allowed to drop. The player is, accordingly, by skill and judgement in adjusting the figure and lifting the arm, able to determine the course of the ball with fair precision, and a game can be played by two or more players, each using a model figure.

The lifting of the right arm for the purpose of the stroke may be effected by placing a finger in the crook of the elbow and pulling the arm outwards, but we may provide a lever or equivalent mechanism for lifting the arm. A simple method consists in fixing the arm to a spindle which projects slightly from the golfer's back, and fixing a short lever arm to the projecting part. As already mentioned, we have found it convenient to have a small clearance between the golfer's hands in their normal position, as this reduces the risk of accidentally disturbing the lie of the ball when manipulating the right arm.

The figure may be made of metal or any other convenient material or materials, attention being of course paid to making the right arm of sufficient weight to acquire momentum for the stroke. This arm may be inconspicuously weighted for that purpose, if required. We have found metal balls to be convenient for the game, but balls of other material may of course be used.

Dated this 25th day of August, 1933.  
For the Applicants,  
HERBERT HADDAN & Co.,  
Chartered Patent Agents,  
31 and 32, Bedford Street, Strand,  
London, W.C.2.

COMPLETE SPECIFICATION.

A Moving-figure Model in Imitation of a Golfer, Croquet Player or the like.

We, BRITAINS LIMITED, a Company organized under the laws of Great Britain and FRED BRITAIN, a British Subject, both of 28, Lambton Road, Hornsey Rise, Lon-  
[Price 1/-]

Price 4s 6d

don, N.19, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

The invention relates to moving-figure models in imitation of persons playing golf, croquet, or other games in which strokes are effected with clubs, mallets or like implements.

According to the invention the club or other implement is fixed to one hand of the figure, and the arms are both pivoted and arranged so that normally they hang in the attitude which the player adopts when addressing the ball, the free hand being then in such proximity to the club hand that by lifting the free arm and allowing it to swing down by gravity the free hand is caused to strike the club or the club hand, and cause a stroke to be made.

An example is shown in the annexed drawings, Figs. 1, 2 and 3 being front views showing the arms in different positions, and Fig. 4 being a side view.

The figure represents a golfer holding a club A, the arms B, C being pivoted at E, F and the club being fixed to the hand of the arm C. At rest the arms hang down freely as shown in Fig. 1, with the club just clear of the ground, the right hand being close to the left, as if it also were holding the club. The figure has its stance on a plate G, which can be placed on a table or floor laid out to represent a toy golf course, with bunkers and whatever other appropriate appurtenances may be desired. It may be convenient to have the feet of the golfer near one edge of the plate, so that the figure can stand close to any required spot.

The pivots E, F of the arms are parallel or approximately so, enabling the arms to swing in front of the body, and in particular arranged so that when the right arm B is lifted (Fig. 2) and allowed to fall again the right hand, swinging downwards and to the left past its normal position (Fig. 3), strikes the club, or the left hand, and imparts a swing to the left arm and the club, in imitation of a stroke at golf. A ball H laid on the floor or table in front of the club is by this means driven.

The force of the drive depends on the angle through which the right arm is

lifted before it is allowed to drop. The player is, accordingly, by skill and judgement in adjusting the figure and lifting the arm, able to determine the course of the ball with fair precision, and a game can be played by two or more players, each using a model figure.

The upper arms are so shaped that when the right arm is lifted, as shown in Fig. 2, its upper end acts as a cam on the left arm and swings the same to the right, removing the club from direct proximity to the ball.

The lifting of the right arm for the purpose of the stroke may be effected by placing a finger in the crook of the elbow and pulling the arm outwards, but in the example shown the pivot E projects at the back and has a short lever arm J fixed to it, for lifting the arm.

It may be convenient to have a small clearance between the figure's hands in their normal position, as this reduces the risk of accidentally disturbing the lie of the ball when manipulating the right arm.

The figure may be made of metal or any other convenient material or materials, attention being of course paid to making the right arm of sufficient weight to acquire momentum for the stroke. This arm may be inconspicuously weighted for that purpose, if required. We have found metal balls to be convenient for the game, but balls of other material may of course be used.

Having now particularly described and ascertained the nature of our said invention, and in what manner the same is to be performed, we declare that what we claim is:—

A moving-figure model in imitation of a ball-game player holding a ball-striking implement, having both arms pivoted, with the implement fixed to one of them, and the arms arranged so that normally they hang in the position of addressing the ball and that by lifting the free arm and allowing it to drop it is caused to strike the arm holding the implement and swing that arm.

Dated this 15th day of August, 1934.

For the Applicants,

HERBERT HADDAN & Co.,

Chartered Patent Agents,

31 and 32, Bedford Street, Strand.

London, W.C.2.

Fig. 1.

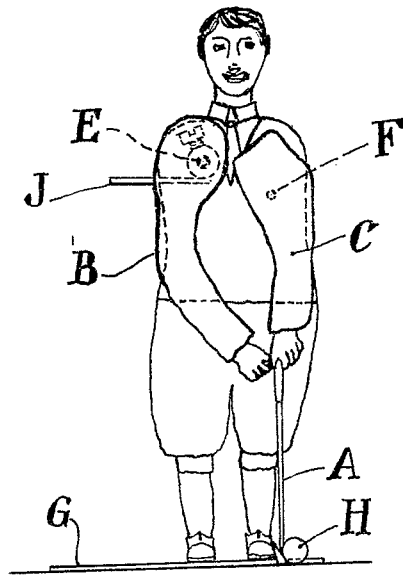


Fig. 2.

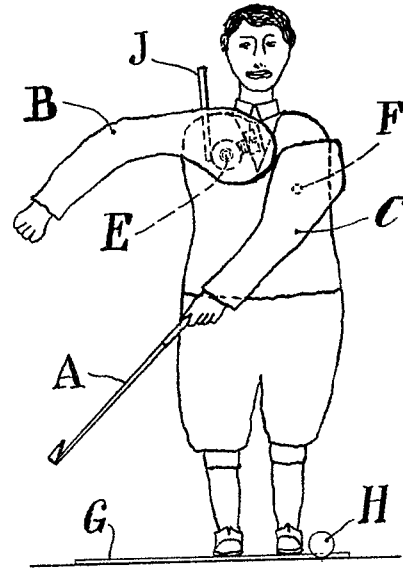


Fig. 3.

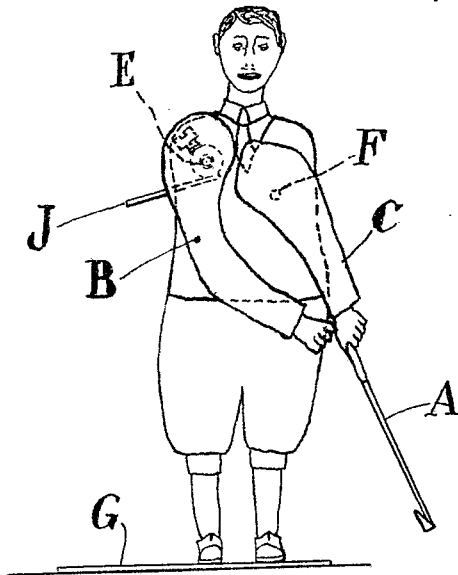
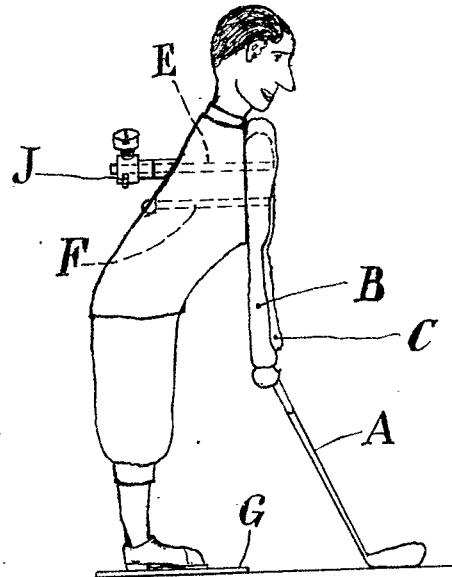


Fig. 4.



[This Drawing is a reproduction of the Original on a reduced scale.]