

PATENT SPECIFICATION



Application Date: July 27, 1933. No. 21,143/33.

419,104

Complete Left: July 26, 1934.

Complete Accepted: Nov. 6, 1934.

PROVISIONAL SPECIFICATION.

Improvements in Toy Archers.

We, BRITAINS LIMITED, a Company organized under the laws of Great Britain, and FREDERICK 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 toy archers, that is to say toys of the kind in which a figure representing an archer holds a bow in one hand and is provided with means for engaging the bow string in the drawn position and effecting release thereof, when actuated by the player, so that an arrow is discharged.

According to our invention we provide the figure with a lateral projection, at about shoulder height, for engaging the drawn bow string, and we arrange that the string hand of the figure (generally of course the right hand) can be swung outwards from a position close to this projection, thereby pushing the string from behind the same, and releasing it.

The projection referred to may with advantage be forked, the hand, or part of it, entering the fork when swung inwards, before the string is engaged behind

the fork. We find it convenient to hinge the string arm at the shoulder, so that release of the string can be effected by pressing the crooked elbow. Alternatively the upper arm may be rigidly fixed, with the lower arm or the hand hinged to swing outwards.

We may hinge the bow arm for rotation in a vertical plane, enabling the elevation of the bow to be altered for aiming, the friction at the joint being sufficient to retain the arm in the selected position. The arrow may be laid in a notch in the hand holding the bow.

The figure may be made wholly or in part of metal, or of any other convenient material or materials. The bow may, for example, be made of piano wire. The arrow may be made of wood, with a pointed metal tip enabling it to pierce a target.

Dated this 27th day of July, 1933.

For the Applicants,
HERBERT HADDAN & Co.,
Chartered Patent Agents,
31 and 32, Bedford Street, Strand,
London, W.C. 2.

COMPLETE SPECIFICATION.

Improvements in Toy Archers.

We, BRITAINS LIMITED, a Company organized under the laws of Great Britain, and FREDERICK BRITAIN, a British Subject, both of 28, Lambton Road, Hornsey Rise, London, 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 toy archers, that is to say toys of the kind in which a figure representing an archer holds a bow in one hand and is provided with means for engaging the bow string in the drawn position and effecting release thereof, when actuated by the player, so that an arrow is discharged.

[Price 1/-]

Price 4s 6d

According to our invention we provide the figure with a lateral projection, at about shoulder height, for engaging the drawn bow string, and we arrange that the string hand of the figure (generally of course the right hand) can be swung outwards from a position close to the string, thereby pushing the string from behind the projection, and releasing it.

The projection referred to may with advantage be forked, the hand, or part of it, entering the fork when swung inwards, before the string is engaged behind the fork. We find it convenient to hinge the string arm at the shoulder, so that release of the string can be effected by pressing the crooked elbow. Alternatively the upper arm may be rigidly fixed, with the

lower arm or the hand hinged to swing outwards.

We may hinge the bow arm for rotation in a vertical plane, enabling the elevation of the bow to be altered for aiming, the friction at the joint being sufficient to retain the arm in the selected position. The arrow may be laid in a notch in the hand holding the bow.

The figure may be made wholly or in part of metal, or of any other convenient material or materials. The bow may, for example, be made of piano wire. The arrow may be made of wood, with a pointed metal tip enabling it to pierce a target.

An example is shown in the annexed drawings, in which Fig. 1 is an elevation and Fig. 2 a plan view.

The arm A holding the bow B is pivoted at C for rotation about a horizontal axis, and the bent arm D is pivoted at the shoulder, at E, for rotation about a vertical axis. The pivot C projects from the archer's chest, below the left shoulder, forming a pin with which the bow string S can be engaged when the bow is bent. The arm D can be swung so that a finger of the right hand lies on the pin before the string is engaged with the pin. Pres-

sure applied to the elbow then causes the hand to swing outwards, flicking the string off the pin.

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:—

1. A toy figure representing an archer having one arm holding the bow and the other arm bent for simulating holding the bow string when the bow is bent, and having also a lateral projection at about shoulder height for engaging the bow string when the bow is bent, said bent arm being pivoted at the shoulder or having a pivotal joint enabling the hand to be placed in proximity with the string engaged with said projection, so that by swinging the hand the string can be disengaged from said projection.

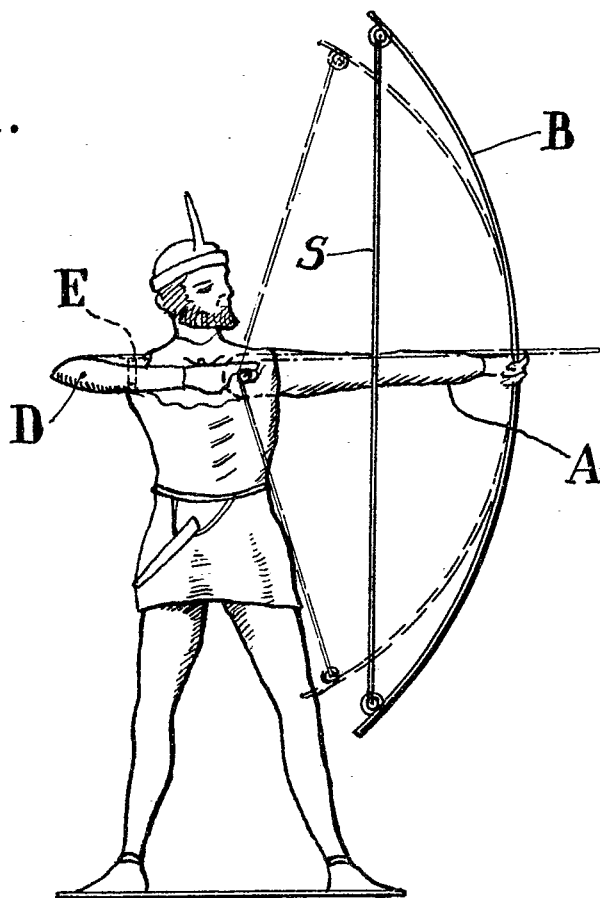
2. A toy archer as claimed in claim 1 wherein the bow arm is pivoted for rotation about a horizontal axis.

Dated this 26th day of July, 1934.

For the Applicants,

HERBERT HADDAN & Co.,
Chartered Patent Agents,
31 and 32, Bedford Street, Strand,
London, W.C. 2.

Fig. 1.



[This Drawing is a full-size reproduction of the Original.]

Fig. 2.

