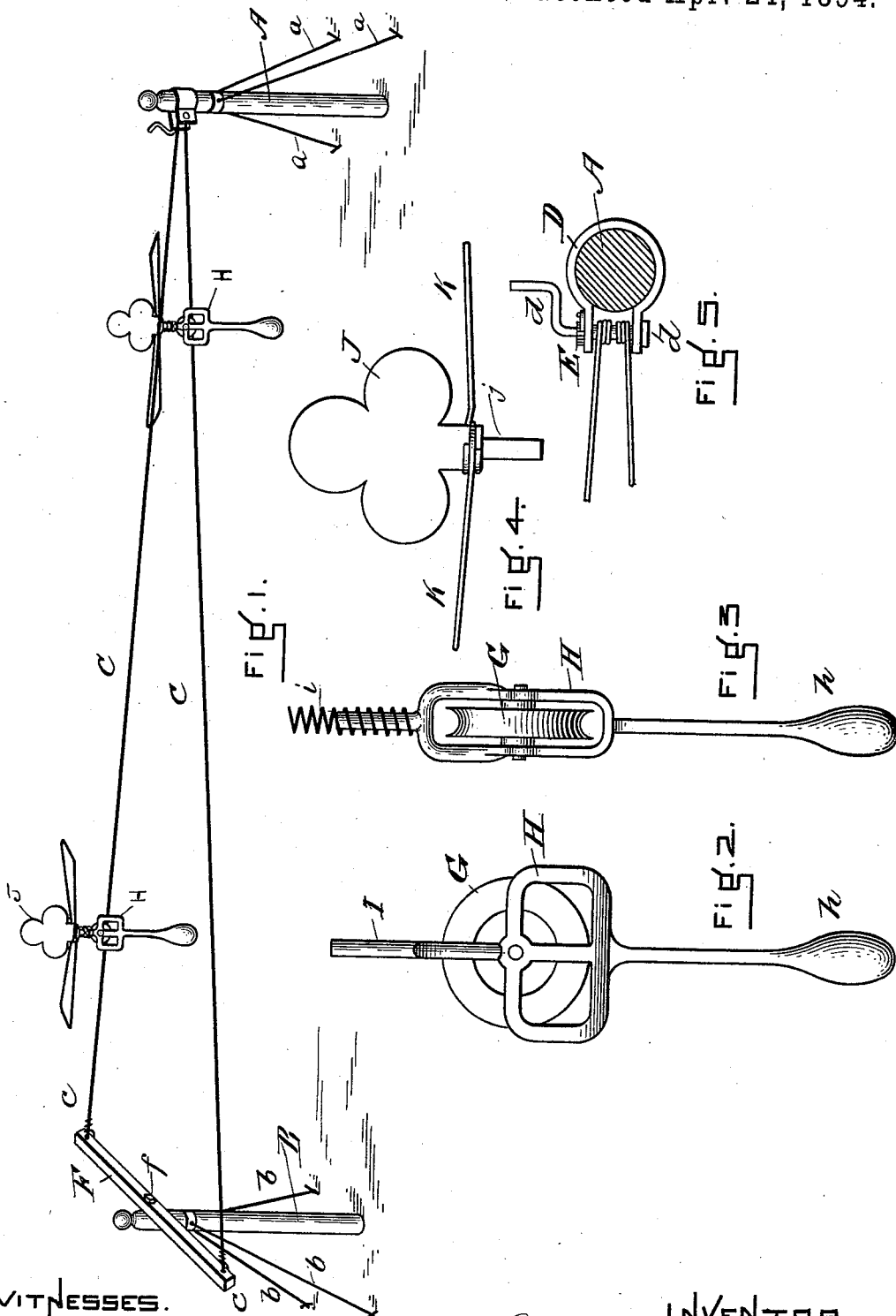


(No Model.)

W. Y. ALLEN.
TRAVELING TARGET.

No. 518,931.

Patented Apr. 24, 1894.



WITNESSES.

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UNITED STATES PATENT OFFICE.

WILLIAM Y. ALLEN, OF BOSTON, MASSACHUSETTS.

TRAVELING TARGET.

SPECIFICATION forming part of Letters Patent No. 518,931, dated April 24, 1894.

Application filed March 22, 1893. Serial No. 467,148. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM Y. ALLEN, a citizen of the United States, residing at Boston, in the county of Suffolk and Commonwealth of Massachusetts, have invented a Traveling Target, of which the following is a full specification.

The object of my invention is to provide a device to be used in games in connection with a lasso, or for any other purpose where a traveling target is desired.

My invention relates to a traveling separable target and the mechanism by which it is operated.

It consists of the combination of two posts suitably supported in an upright position, and two independent cords or tracks stretched between them by means of the device shown, these tracks being provided with gravity acting target conveyers, as hereinafter described in detail.

Referring to the accompanying drawings wherein like letters represent like parts, Figure 1 is a perspective view of my traveling target. Fig. 2 is a side elevation of my target conveyer. Fig. 3 is a front elevation of the same. Fig. 4 is a side elevation of the separable head piece. Fig. 5 is a horizontal section through the right hand post, showing the manner of attaching and tightening the cords or tracks.

In the drawings A and B are the upright posts firmly inserted in the ground and held in position by the guys *a, a, a, b, b, b*. Between these posts are stretched the cords C, C, which are supported as follows: at one end the cords are brought together and attached to the shaft *d*, held in any suitable manner and preferably operated by a crank; the shaft is held in place by a pawl and ratchet E. This crank shaft is for the purpose of tightening the cords or tracks. The other ends of the cords are secured respect-

ively at *c* and *c* to the ends of a movable cross bar F which is pivotally connected at its center *f* to the top of the post B, and is capable of being oscillated in a vertical plane. It will be seen that when the cross bar F is thus oscillated, the ends *c c* of the cords are alternately raised and lowered, and thus the inclination of the cords or tracks is changed.

The target conveyer consists of the weighted frame H mounted on a pulley. This pulley runs upon the said cord or track, and is held upright by means of the weight *h* suspended beneath. Upon the upper side of the frame over the pulley is the upright pin I, which carries upon it and has secured to it the spiral spring *i*. This spring projects up above the pin I and receives in the upper end the downwardly projecting pin *j* on the under side of the neck of the head piece J, which may be of any desired shape. By this means the head piece is made flexible, and any danger of its being broken off by a sudden shock is avoided. Firmly secured to the neck of the head piece are the projecting arms K, which serve as shoulders and prevent the noose of the lasso from slipping down too far, and becoming entangled in the spring, or other parts of the device. It is to be noted that the head piece is provided with a neck just above the arms K K, to facilitate the attachment of the noose.

I claim—

A traveling target consisting of the supports, A B, cross bar F, tracks C C, the weighted conveyer H, and head piece J, substantially as described.

In witness whereof I have hereunto set my hand.

WILLIAM Y. ALLEN.

Witnesses:

E. H. GILMAN,
GEO. A. HOLMES.