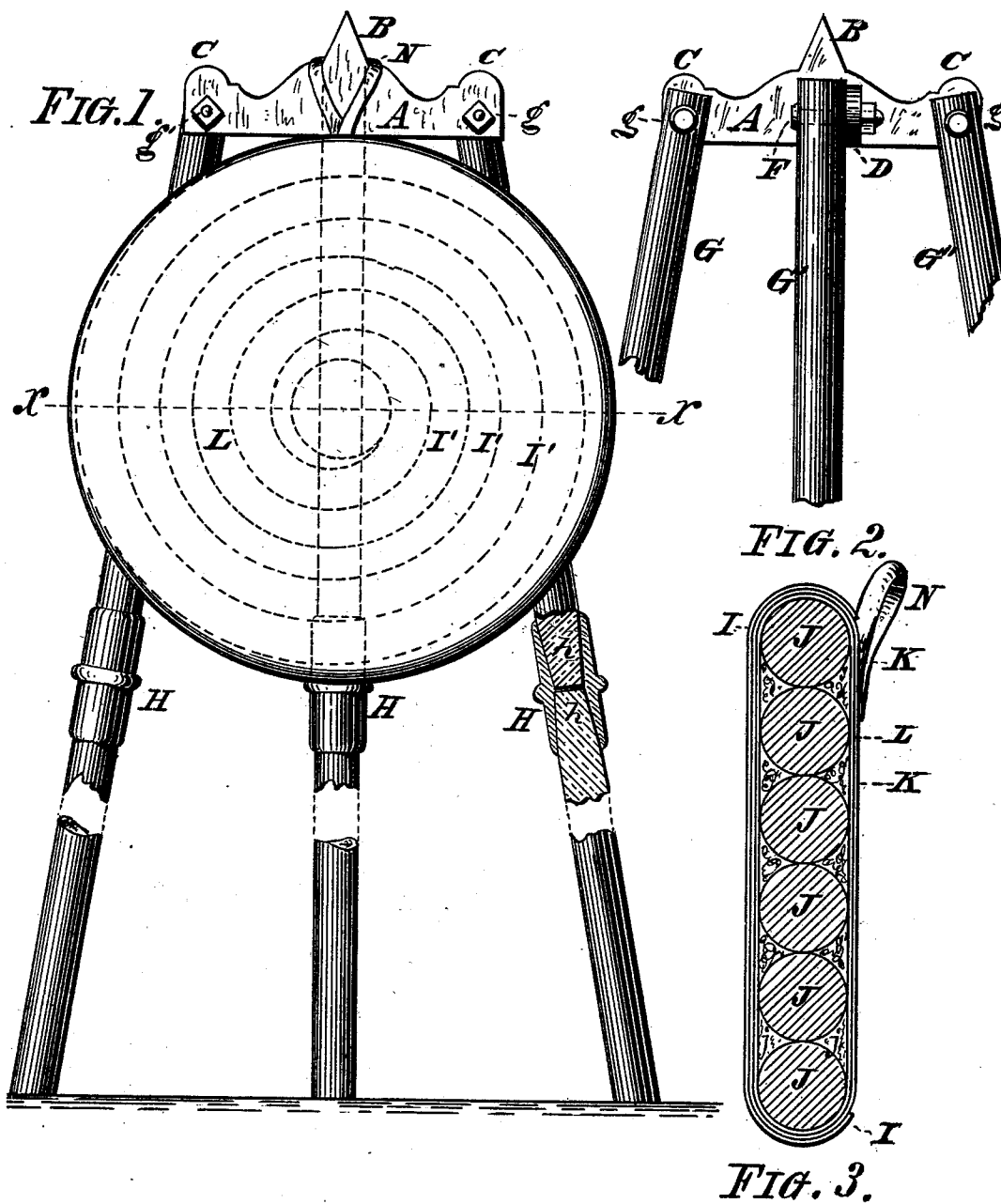


W. H. WRIGHT & G. L. THORNE.
Target and Target-Stand.

No. 215,033.

Patented May 6, 1879.



Witnesses:

Michael J. Slack
Car. A. Whitcomb

Inventors:

William H. Wright,
George L. Thorne,
by *Michael J. Slack*
Attorney.

UNITED STATES PATENT OFFICE.

WILLIAM H. WRIGHT, OF ROCHESTER, AND GEORGE L. THORNE, OF
BUFFALO, NEW YORK.

IMPROVEMENT IN TARGETS AND TARGET-STANDS.

Specification forming part of Letters Patent No. **215,033**, dated May 6, 1879; application filed
March 7, 1879.

To all whom it may concern:

Be it known that we, WILLIAM H. WRIGHT, of Rochester, New York, and GEORGE L. THORNE, of Buffalo, New York, have jointly invented certain new and useful Improvements on Archery Targets and Stands; and we do hereby declare that the following description of our said invention, taken in connection with the accompanying sheet of drawings, forms a full, clear, and exact specification, which will enable others skilled in the art to which it appertains to make and use the same.

This invention has general reference to archery-stands; and it consists in the peculiar arrangement of parts and details of construction, as hereinafter first fully set forth and described, and then pointed out in the claims.

In the drawings hereinbefore mentioned, which serve to illustrate our said invention more fully, Figure 1 is a front elevation of our improved stand and target. Fig. 2 is a rear elevation, and Fig. 3 a transverse section in line X X of Fig. 1.

Like parts are designated by corresponding letters of reference in all the figures.

The object of our present invention is the production of an archery target and stand that shall be simple and durable in construction and readily carried about, and for this latter purpose shall occupy as little space as is consistent with the nature of this implement of sport.

To attain these ends we construct the target-stand of a head or top plate, A, made of cast metal, and provided centrally with an upwardly-projecting point, B, and on both extremities with shields C, said plate serving as a medium of attachment of the stand or legs G in the following manner: In the shields C are provided apertures for the passage of nutted bolts g, said bolts passing through the legs G G". On the back of the shield we furthermore provide a projecting lug, D, having an aperture for the reception of the bolt F, passing through the upper end of the middle leg, G', and these bolts by their nuts (thumb-nuts, if desired) serve as a means to retain the legs in any convenient position. The axis of these bolts run in different planes, so that while the legs G G" are capable of moving sidewise on their lower extremi-

ties, the middle leg, G', can be moved rearward or forward only, thus furnishing an inexpensive but very convenient tripod.

To enable the stand to be readily packed for shipment or carried about for field sport, we prefer to make the legs G G' G" in pieces, and joint them in taper sockets H, or in any other convenient manner, by means of taper tenons h h.

By this manner of construction the lower part of the legs can be readily detached from the upper parts, and then placed alongside of the latter, where there is room enough between the points of attachment of said upper parts to admit the lower parts between them, and thus pack into a convenient bundle.

The point B serves as a means of suspending the target by a loop, N. This target consists, preferably, of bass-wood shavings, formed, first, into a rope, and then wound spirally into an annular disk, J, after which a covering of cotton or other cloth, K, is fixed over the disk J, and then a further covering of coarse cloth, L, sewed over the target-body, along the extreme edge, after which we secure the whole permanently together by sewing through the entire target, commencing in the center, and proceed ing spirally to the circumference, as shown at I', Fig. 1, whereby each turn of the spiral packing J is securely fixed in position, and thereby producing a target of superior stiffness and capability of resisting the penetrating force of the arrow, without, however, interfering with the arrow remaining in the target when properly shot. We then apply the target proper, I, in the usual manner, by sewing it along its circumference to the target-body L. This target proper we make generally of oil-cloth, which is readily applied, and offers sufficient resistance to the arrow-points to prevent them from passing through the entire target.

We find bass-wood shavings to be more elastic and of better resisting qualities than other shavings, straw, &c., and shall therefore use it extensively; but we do not wish to confine ourselves exclusively to said material. So may the stuffing of the target-body be accomplished in the usual manner without first resorting to the production of rope from the

material employed, and winding this rope spirally into an annular disk; but we shall in all cases sew the same spirally, as described, which we find to be far superior to any other method of sewing the target-body.

As a further modification of our method of bisecting the target-stand, the sectional legs G may be hinged together and a ferrule slide over the joint; or any other convenient method may be adopted to produce a knock-down stand.

Having thus fully described our invention, we claim as new and desire to secure by Letters Patent—

1. In a target-stand, the head-piece A, having the point B, the shield C, and the lug D produced entire, as and for the object specified.

2. A separable target-stand composed of the head-piece A, having the point B, shields C, and lug D, and the legs G G' G'', pivoted to the head-piece, and composed of sections, fixed as described, for the use and purpose specified.

3. A target-stand composed of the head-piece A, having the point B, shields C, and lug D, and the legs G, pivoted to the head-piece by the bolts g, passing through the shields C, and the bolt F, passing through the lug D, as and for the use and purpose mentioned.

4. The target hereinbefore described, composed of a spiral disk of bass-wood shavings, J, twisted into a rope and stitched together by the spiral hem I', the target-disk I, and the loop N, as and for the object stated.

In testimony that we claim the foregoing as our invention we have hereto set our hands and affixed our seals in the presence of two subscribing witnesses.

W. H. WRIGHT. [L. S.]
GEO. L. THORNE. [L. S.]

Attest:

MICHAEL J. STARK,
J. A. MCINTOSH.