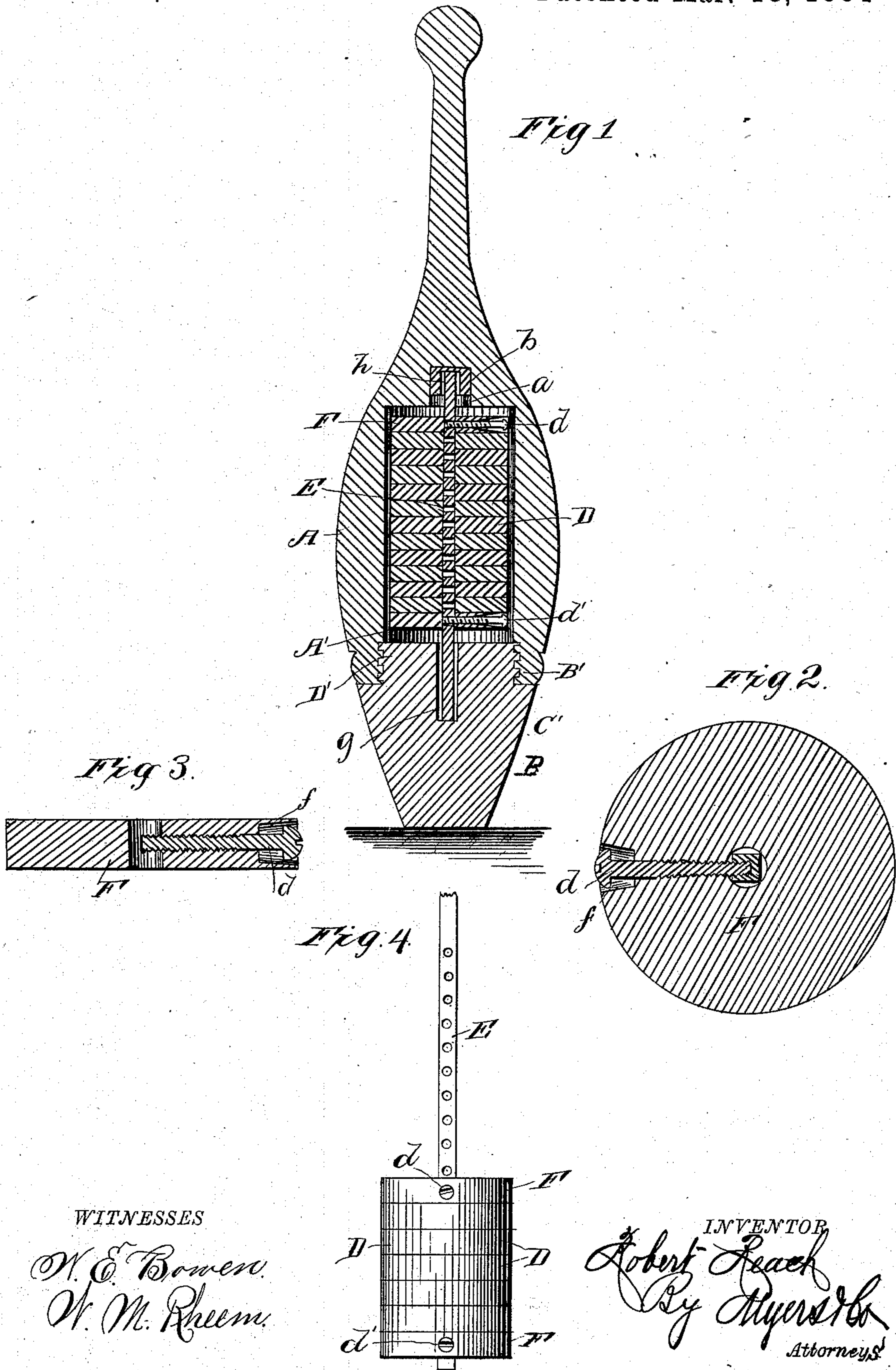


(No Model.)

R. REACH.
INDIAN CLUB.

No. 295,429.

Patented Mar. 18, 1884



WITNESSES

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UNITED STATES PATENT OFFICE.

ROBERT REACH, OF PHILADELPHIA, PENNSYLVANIA.

INDIAN CLUB.

SPECIFICATION forming part of Letters Patent No. 295,429, dated March 18, 1884.

Application filed December 3, 1883. (No model.)

To all whom it may concern:

Be it known that I, ROBERT REACH, a citizen of the United States of America, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Indian Clubs, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to an improvement in Indian clubs; and it consists in the hollow club A, having the plug-recess *a* for plug *b*, and the detachable head B, having the rod-orifice C, in the weights D secured upon rod E by means of the lock-weights F, and in the construction, combination, and arrangement of the parts, as hereinafter more fully shown and described.

In the drawings, Figure 1 is a view in longitudinal section, and Figs. 2, 3, and 4 are detail views.

The object of my invention is to produce an Indian club the weight of which may be readily adjusted or varied to suit the strength of an athlete or of that of a boy, and so constructed that the relative position of the weights contained in the body of the club may be varied at will; hence the weights D are so arranged that their position and their number, and the consequent weight of the club, may be readily varied to suit the wish or strength of the person exercising with it, while avoiding the use of springs for holding the weights in position, which springs are inefficient and wholly unreliable when the number of the weights are varied. Some persons employ only two or three weights in the club, others the maximum number, and others prefer to vary the weight of the club at intervals, and unless spiral springs are too strong for convenient manipulation, they are inefficient when the minimum number of weights are employed.

In the accompanying drawings, the letter A represents an Indian club having the cylindrical recess A', and divided into two sections, one comprising, in part, the handle of the club, and the other the head of the club, the handle-section having formed in its cylindrical recess the female screw B', adapted for reception of the male screw D' of the head-section, whereby the sections are secured together. The handle-section is also provided with recess *a*, wherein is glued the recessed plug *b*, the orifice in plug *b* being designed for

reception of one end of the weight-rod E; but when more convenient the plug *b* may be dispensed with, and a suitable recess for reception of rod E be formed in the handle-section. The weight-rod E projects through a central orifice provided in each of the weights D and the lock-weights F. The weights D are secured upon the weight-rod E by means of the lock-weights F, one of which incasps the weights rigidly at either end thereof. The lock-weights F are each provided with a screw-orifice, *f*, for reception of the set-screws *d* and *d'*, and these orifices are each enlarged at the periphery of the lock-weight for reception of the head of its corresponding set-screw. These set-screws are inserted in corresponding female-screw orifices provided in the weight-rod E, as shown, and when it is designed to lighten or increase the weight of the club one of the lock-weights is withdrawn from the rod E, and the number of the weights D increased or diminished accordingly. When the head-section of the club is screwed upon the handle-section, one end of the weight-rod E projects into the orifice *g* of the head-section, and its other end into orifice *h* of the handle-section, and it is thus held rigidly in position.

Having described my invention, what I claim is—

1. An Indian club consisting of the hollow club A, having the detachable head B, and weights D, secured upon rod E by means of lock-weights F, having screw-orifices *f* for reception of set-screws *d* and *d'*, substantially as shown and described.

2. An Indian club having a cylindrical recess, A', for rod E, detachable head B, having orifice *g*, weights D, removable on orificed weight-rod E, and weight-locks F, secured by set-screws *d* and *d'*, substantially as shown, and for the purpose described.

3. In an Indian club, the combination of the handle-section having recess *a*, head B, having orifice *g*, weight-rod E, having female-screw orifices, weights D, lock-weights F, and set-screws *d* and *d'*, substantially as shown, and for the purpose described.

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

ROBERT REACH.

Witnesses:

JOHN I. ROGERS,
THOS. J. PRATT.