

No. 688,368.

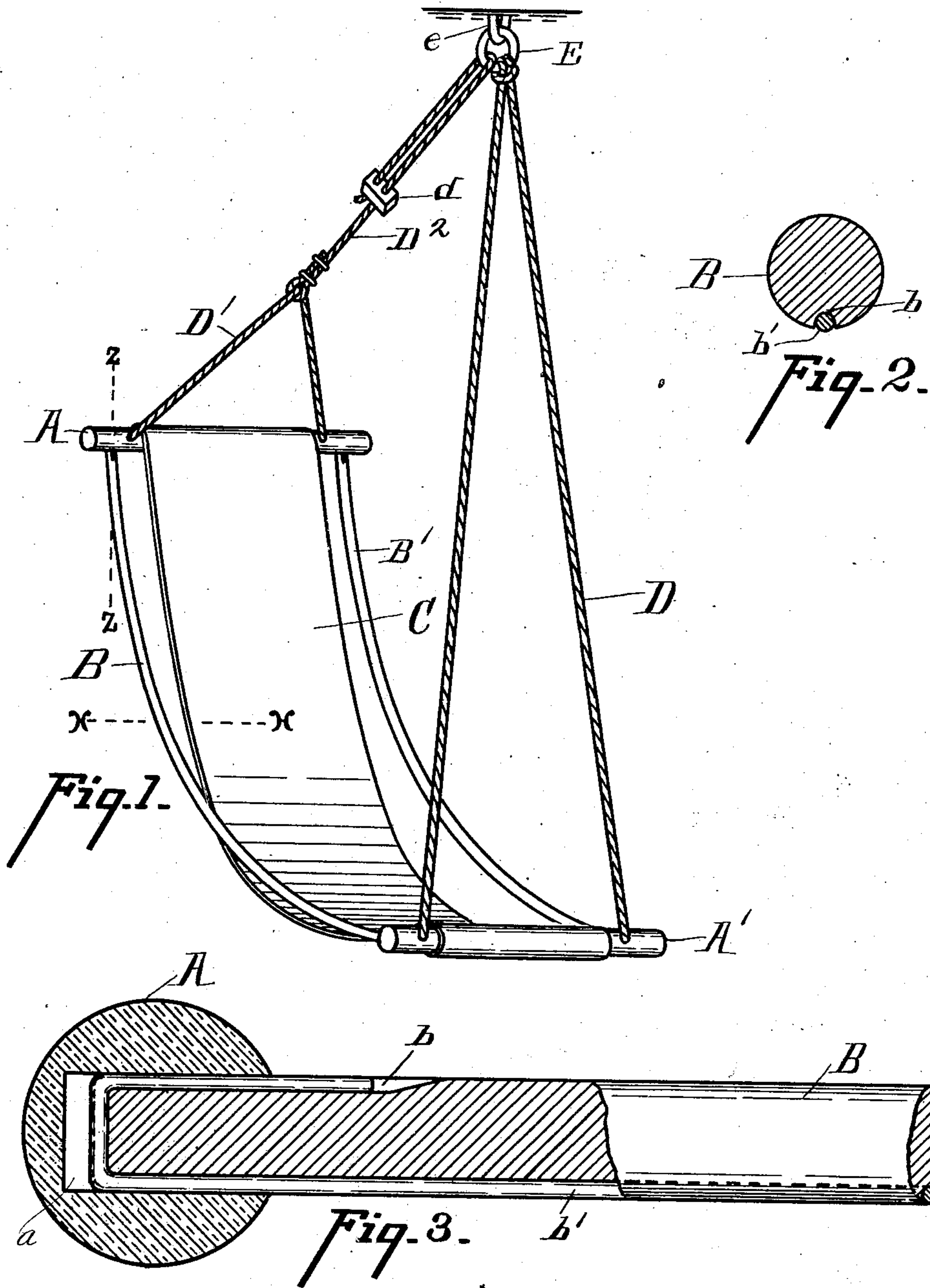
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J. M. WADDEL.

HAMMOCK.

(Application filed Feb. 9, 1901.)

(No Model.)



Inventor

Witnesses

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# UNITED STATES PATENT OFFICE.

JOHN MATHEW WADDEL, OF GREENFIELD, OHIO.

## HAMMOCK.

SPECIFICATION forming part of Letters Patent No. 688,368, dated December 10, 1901.

Application filed February 9, 1901. Serial No. 46,611. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN MATHEW WADDEL, a citizen of the United States of America, and a resident of Greenfield, in the county of Highland and State of Ohio, have invented certain new and useful Improvements in Hammocks, of which the following is a specification.

The object of my invention is a hammock or swinging chair in which one may rest in a semirecumbent position, the angle of which may be changed by a single operation, which consists of few parts that are easily put together, and which combines the qualities of strength and grace. This object is attained by the means described in the annexed specification and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a hammock embodying my invention. Fig. 2 is a horizontal section of one of the side members, upon an enlarged scale, taken upon line  $x x$  of Fig. 1. Fig. 3 is a section of the joint of the side and end members, taken upon line  $z z$  of Fig. 1.

Referring to the parts, the frame of the hammock consists of an upper and a lower horizontal member A and A', respectively, which are made, preferably, of straight rods of wood, and side members B and B'. Each of members A and A' has near each end a recess  $a$  of the same size and shape as the ends of the side members, so that said ends fit into them snugly. Each of members B and B' is made comparatively slender and has preferably a downward curve. Upon the outer circumference of said curve in each side member is a longitudinal groove  $b$ , which is continued around each end of the member and carried down at a diametrically opposite point upon the other side for a short distance. Seated snugly within this groove upon each member and carried around each end of said member, as shown in Fig. 3, is a wire  $b'$ . When the ends of members B and B' are inserted in recesses  $a$  of members A and A', the

wires are held firmly in place and themselves tend to keep the joints tight. This construction allows the side members to be made slender to impart to them graceful appearance, while retaining strength to resist any tendency to bend and break.

Secured to members A and A' is the body C of the hammock, made of a flexible non-elastic material, preferably of canvas. It is of a length greater than the distance between said members, so as to hang loosely to afford a comfortable seat and to accommodate itself to the body of the occupant.

Members A and A' are held at different heights by the following means: A long rope D is secured to one end of member A', passes through a ring E, and thence is carried down to and secured to the other end of said member. Ring E may be supported by a staple  $e$ , driven into a ceiling. Member A has a short rope D' secured at each end to the opposite ends of said member. Secured to rope D' is a second rope D<sup>2</sup>, which has a loop which engages ring E and may be shortened or lengthened by means of slip-block  $d$  to raise or lower member A to change the angle at which the hammock hangs.

What I claim is—

In a hammock the combination of a frame consisting of two end members each having a recess near each of its ends and curved side members to fit into the recesses and each having a longitudinal groove upon the outer circumference of the curve brought around the ends of the member and continued a short distance upon the inner circumference and a wire set into the groove and bent around the ends, and a body of flexible material secured to the end members and of a length greater than the distance between them, substantially as shown and described.

JOHN MATHEW WADDEL.

Witnesses:

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