A. HOFFMAN.

COUCH HAMMOCK.

APPLICATION FILED DEC. 23, 1910.

1,011,789.

Patented Dec. 12, 1911.

2 SHEETS—SHEET 1.

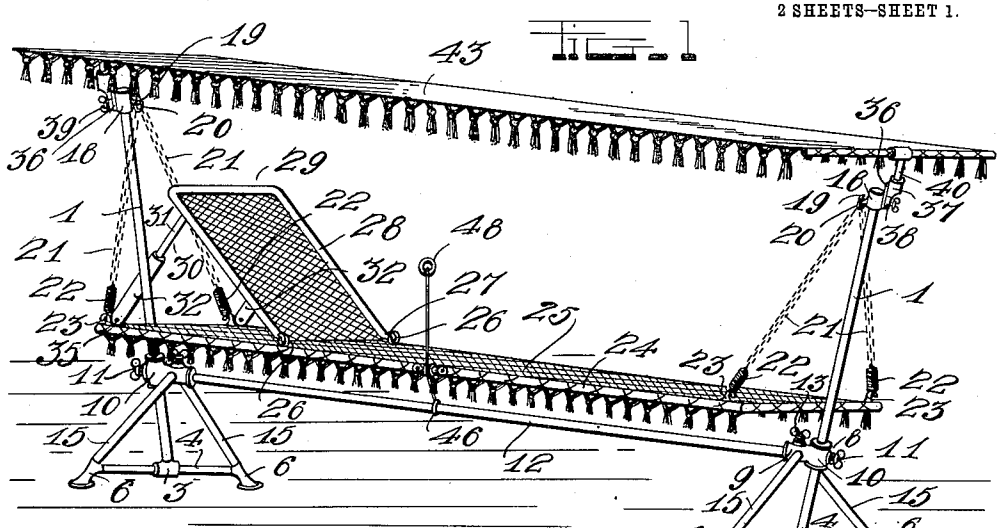


Fig. 1

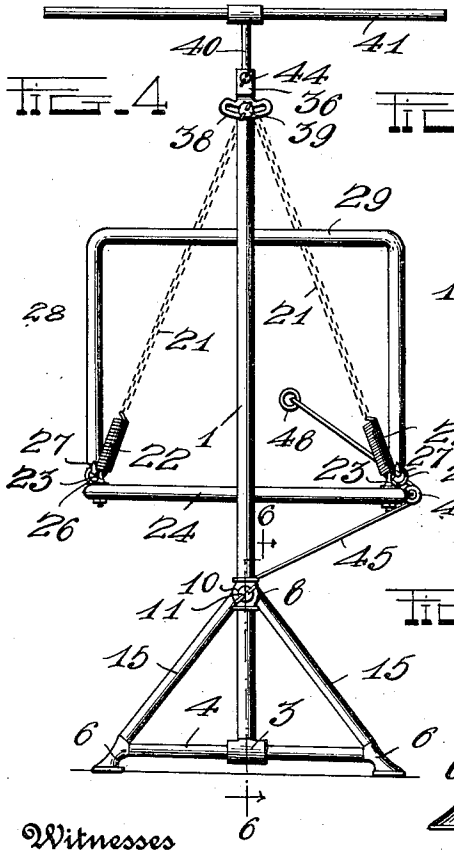


Fig. 4

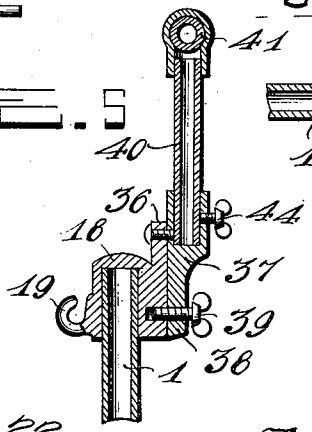


Fig. 5

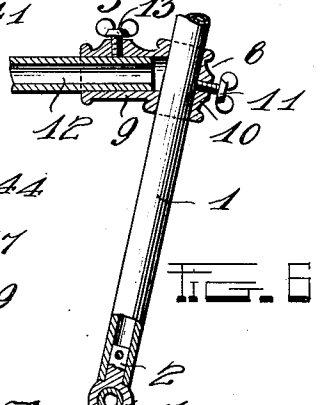


Fig. 6

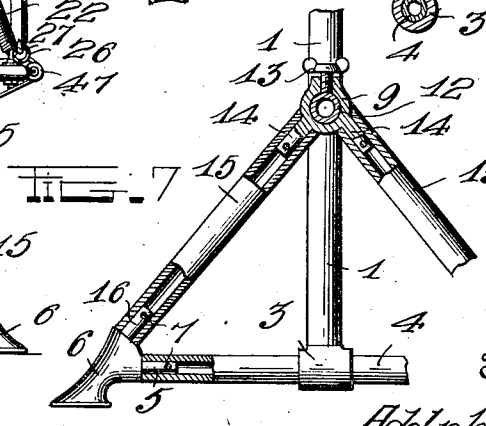


Fig. 7

Witnesses

C. R. Hardy

O. B. Hopkins

Inventor

Adolph Hoffman

by H. B. Williamson & Co.

Attorneys

A. HOFFMAN.

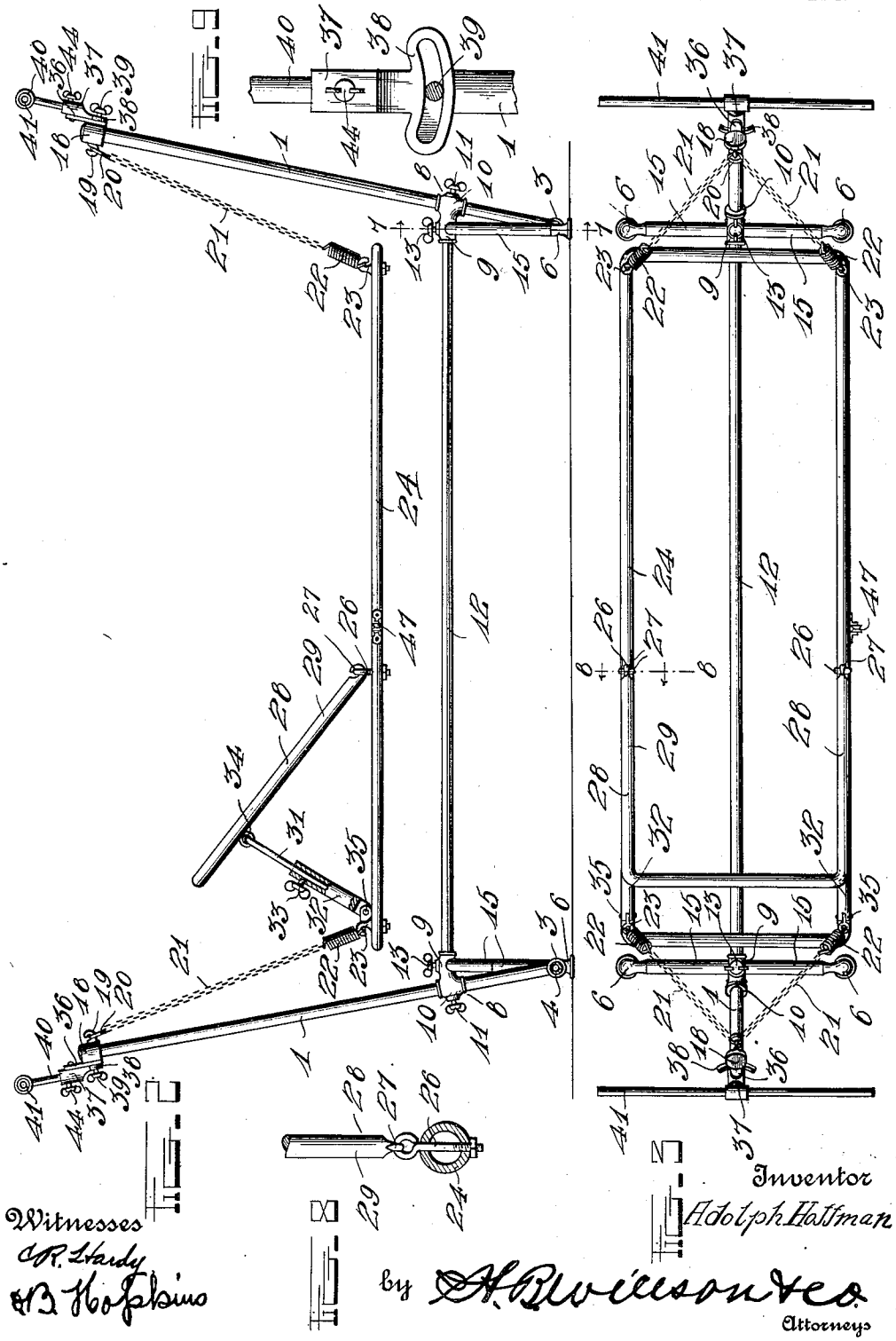
COUCH HAMMOCK.

APPLICATION FILED DEC. 23, 1910.

1,011,789.

Patented Dec. 12, 1911.

2 SHEETS—SHEET 2.



Witnesses

C. P. Hardy

H. B. Hopkins

Inventor

Adolph Hoffman

by H. B. Williamson & Co.

Attorneys

UNITED STATES PATENT OFFICE.

ADOLPH HOFFMAN, OF COLUMBUS, OHIO.

COUCH-HAMMOCK.

1,011,789. Specification of Letters Patent. Patented Dec. 12, 1911.

Application filed December 23, 1910. Serial No. 598,906.

To all whom it may concern:

Be it known that I, ADOLPH HOFFMAN, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Couch-Hammocks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in couch hammocks.

One object of the invention is to provide a couch hammock having an improved construction and arrangement of supporting frames formed in sections and having an improved means for detachably connecting said sections together whereby the frame may be readily taken apart and put together.

In the accompanying drawings: Figure 1 is a perspective view of my improved couch hammock with parts of the tubular sleeve of the back rest support broken away; Fig. 2 is a side view of the same partly in section; Fig. 3 is a plan view of the frame with the canopy and back rest removed; Fig. 4 is an end view with parts shown in section; Fig. 5 is an enlarged vertical sectional view of the upper end of one of the supporting standards and the hammock supporting cap and adjustable canopy supporting mechanism taken on the line 5—5 of Fig. 4; Fig. 6 is a similar view through the lower ends of the standard and the coupling members for the connecting rods taken on the line 6—6 of Fig. 4; Fig. 7 is a similar view through the supporting legs of the frame and the couplings for fastening the legs to the frame; Fig. 8 is a cross sectional view through one side of the couch frame showing the construction and arrangement of the back rest connections. Fig. 9 is an enlarged fragmentary view of the adjustable canopy connection.

In the embodiment of the invention I provide a supporting frame which may be of angle iron bars, tubing or other suitable construction of rods or bars and which is here shown as being formed of tubing. The frame comprises end standards 1 which may be of any suitable length and which are preferably disposed at an angle or inclined toward their upper end as shown. The lower ends of the standards 1 are engaged with an upwardly projecting member 2 of a T-coupling 3 in the lower tubular portion of which is secured a laterally projecting horizontally disposed base bar 4 the outer ends of which are engaged with studs 5 formed on the supporting feet 6 of the frame. The outer ends of the base bars 4 are preferably secured to the studs 5 of the feet 6 by fastening pins or similar fastening devices 7.

Adjustably secured to the standards 1 and arranged a suitable distance above the coupling 3 on the lower ends thereof are connecting bar couplings 8, said couplings comprising horizontally inwardly extending sockets 9 having on their outer ends angularly formed sockets 10 with which the standards 1 are engaged. The couplings 8 are secured in their adjusted positions on the standards 1 by set screws 11 arranged in the outer sides of the sockets 10 and which are screwed into engagement with the standards. With the sockets 9 are engaged the outer ends of a connecting rod 12 said ends being secured in the sockets by set screws 13. On the opposite sides of the sockets 9 are formed downwardly and outwardly projecting studs 14 with which are engaged the upper ends of short bracing tubes 15 the lower ends of which are engaged with studs 16 formed on the supporting feet 6 as shown. The opposite ends of the bracing rods 15 are firmly secured to the studs 14 and 16 by pins or other suitable fastening devices 17.

Arranged on the upper ends of the standards 1 are couch supporting caps 18 on the inner sides of which are formed hooks 19 with which are adapted to be engaged couch supporting rings 20 to which are connected supporting chains 21, the lower ends of which are connected to coiled springs 22 which in turn are connected to hooks 23 secured to the opposite corners of the ends of the couch frame 24. By thus connecting the couch frame the same will be supported in a position to swing between the upper portions of the standards 1 above the connecting bar 12. The couch frame 24 may be covered with any suitable fabric 25 to form the couch.

On the upper sides of the side bars of the frame 24 are metal loops 26 with which are adapted to be detachably connected hooks 27 arranged on the lower corners of a frame

28 of a back support 29, said frame being covered by any suitable fabric to form the support. The back support 29 is held at any suitable angle by props 30 which are preferably formed of telescopically engaged rods 31 and 32 said rods 32 being of tubular form to receive the rods 31 which are slidably engaged therewith and are secured at adjusted positions therein by set screws 33. The outer ends of the rods 31 are secured to the side bars of the frame 28 by any suitable form of hinge joint 34 while the lower or outer ends of the tubular rods 32 are similarly connected to the side bars of the couch frame as shown at 35. By thus connecting the back support to the couch frame, said support may be held at any desired angle or entirely removed from the couch frame if desired.

On the outer side of the couch supporting caps 18 are formed canopy supporting brackets 36 to the upper ends of which are pivotally connected sockets 37. On the lower ends of the sockets 37 are formed slotted segmental adjusting plates 38 with which are engaged clamping screws 39 having threaded inner ends which are adapted to be screwed into threaded apertures formed in the outer sides of the caps 18 thereby holding the sockets 37 at any desired position for supporting the canopy at any desired angle. With the sockets 37 are engaged the outer ends of the downwardly projecting or lower members 40 of T-shaped canopy holding frames 41 to the upper laterally projecting bars 42 of which are connected the opposite ends of a canopy 43 which may be formed of any suitable material. The outer ends of the members 40 of the T-shaped frames 41 are detachably secured in the sockets 37 by set screws 44 whereby the canopy frames and canopy may be readily removed when desired. By pivotally connecting the sockets 37 with the caps 18 it will be readily seen that the canopy may be tilted at any desired angle and securely fastened in tilted position.

In connection with the hammock I preferably provide means whereby the couch may be swung by the person occupying the same, said means comprising a cord or strap 45 having its lower end connected to an eye 46 secured to the connecting bar 12. The cord or strap 45 passes from the eye 46 outwardly and around a guide pulley 47 secured to one side of the couch frame and from thence extends inwardly to within convenient reach of the person occupying the couch and has secured at its end a ring or handle 48 whereby the same may be conveniently grasped and when pulled and released will effectually swing the hammock.

From the foregoing description taken in connection with the accompanying drawings, the construction and operation of the invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of the invention as defined in the appended claims.

Having thus described my invention, what I claim is:

1. A hammock support comprising a socket member provided with a horizontal socket, two downwardly inclined sockets, and an inclined socket open at both ends, a longitudinal stretcher engaging in the horizontal socket, inclined braces having their upper ends engaged in the downwardly inclined sockets, an inclined standard passed through the open ended socket and means for supporting the lower ends of the inclined braces and the standard.

2. A hammock support comprising at each end two feet each provided with an upwardly inclined and a horizontally extending stem, an inclined brace on each inclined stem, a tubular cross-bar engaged on the two horizontal stems, an upper socket member to which the upper ends of the braces are attached, a lower socket member on the cross-bar, and an inclined standard secured to both socket members.

3. A hammock support comprising a socket member provided with a horizontal socket, two downwardly inclined sockets, and an inclined socket open at both ends, a longitudinal stretcher engaging in the horizontal socket, inclined braces having their upper ends engaged in the downwardly inclined sockets, an inclined standard passed through the open ended socket, a pair of feet provided with upwardly inclined stems engaging the lower ends of the braces and opposite horizontal stems, a horizontal cross-bar engaging said horizontal stems, and a T-fitting centrally placed on the horizontal cross-bar provided with an upwardly projecting arm engaging the lower end of the standard.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ADOLPH HOFFMAN.

Witnesses:
E. E. TANNER,
DORA M. CHENEY.