No. 774,272. PATENTED NOV. 8, 1904.

W. C. POLES.

HAMMOCK FRAME OR SUPPORT.

APPLICATION FILED JUNE 27, 1904.

NO MODEL. 2 SHEETS—SHEET 1.

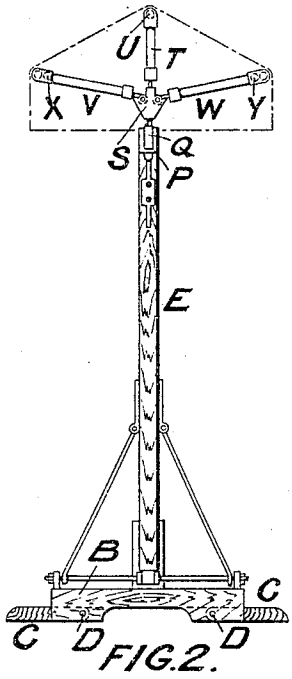


FIG. 2.

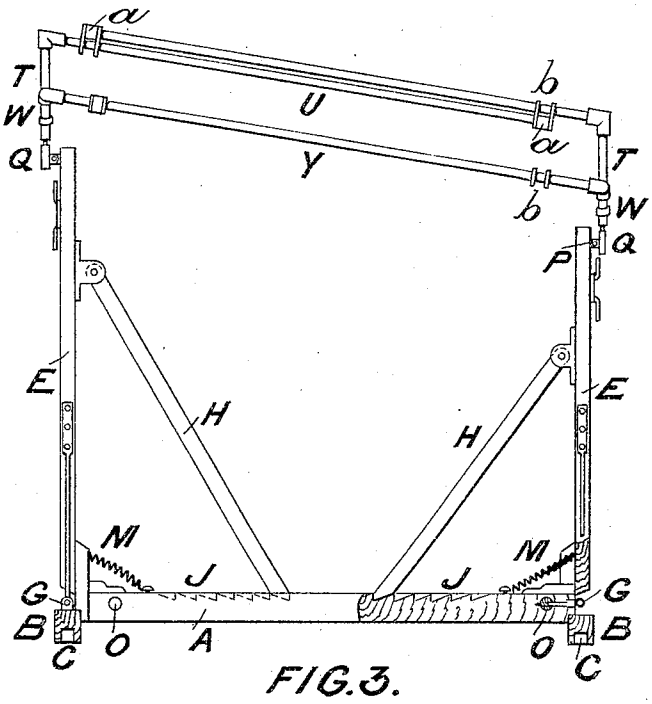


FIG. 3.

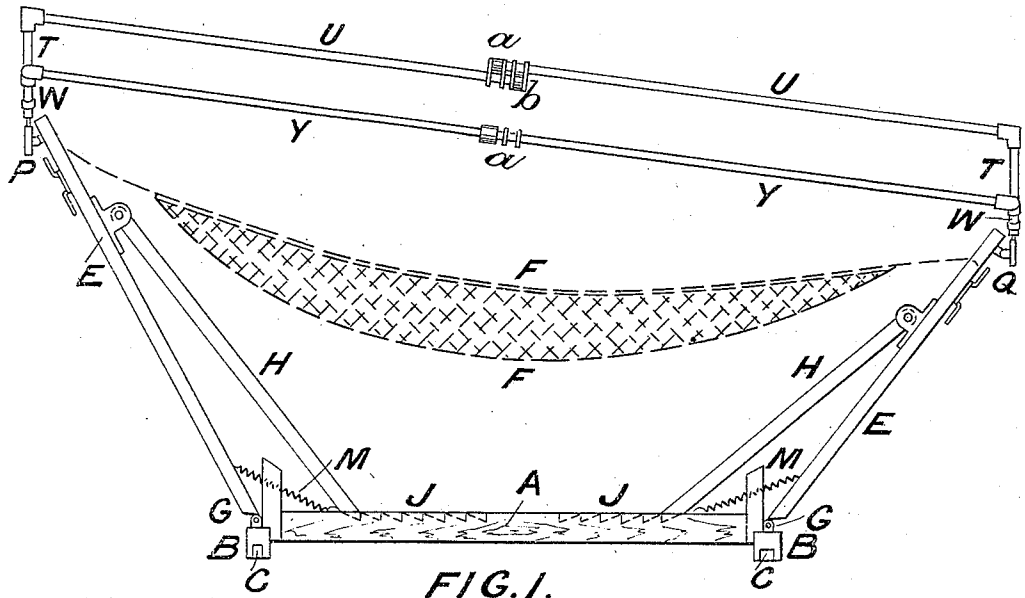


FIG. 1.

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NO MODEL. 2 SHEETS—SHEET 2.

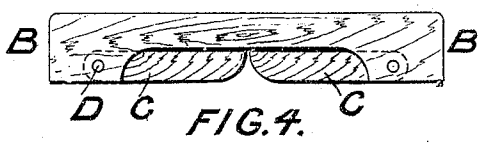


FIG. 4.

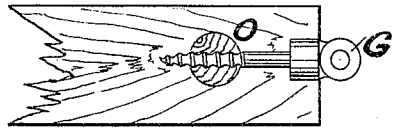


FIG. 9.

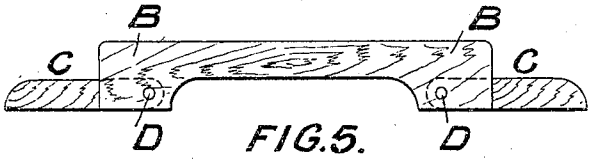


FIG. 5.

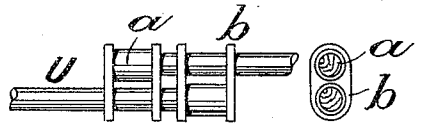


FIG. 12. FIG. 13.

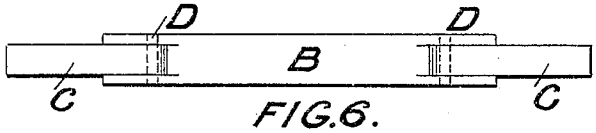


FIG. 6.

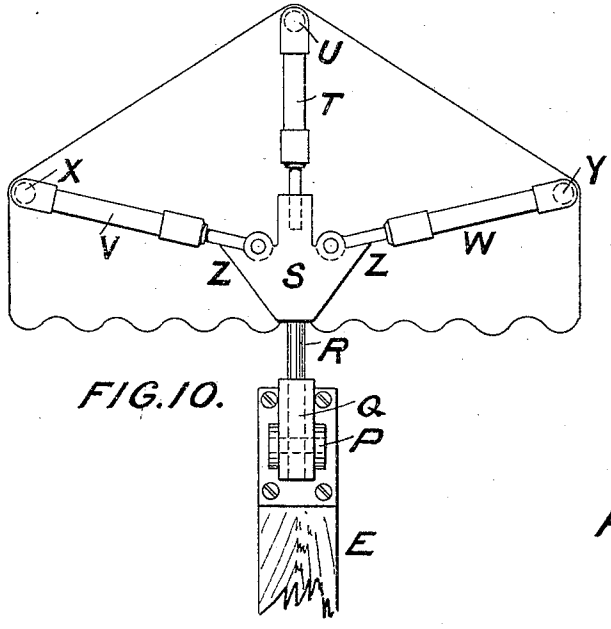


FIG. 10.

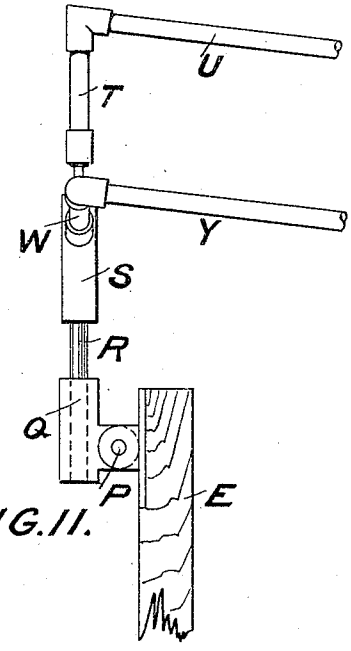


FIG. 11.

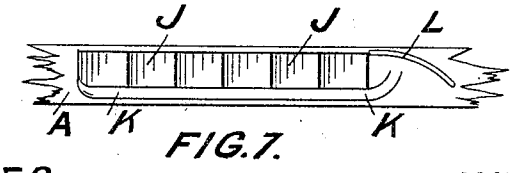


FIG. 7.



FIG. 8.

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No 774,272.

Patented November 8, 1904.

UNITED STATES PATENT OFFICE.

WILLIAM C. POLES, OF AUDLEY, ENGLAND.

HAMMOCK FRAME OR SUPPORT.

SPECIFICATION forming part of Letters Patent No. 774,272, dated November 8, 1904.

Application filed June 27, 1904. Serial No. 214,336. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM CHARLES POLES, a subject of the King of Great Britain, and a resident of Audley, in the county of Stafford, England, have invented certain new and useful Improvements in Hammock Frames or Supports, of which the following is a specification.

This invention is designed to provide a portable and adjustable frame or appliance upon which to hang or support a hammock for use and which can be readily moved from place to place or taken asunder for the purpose of transport or packing and an awning or shade therefor.

It consists, essentially, of a frame constructed with two movable uprights, upon which the hammock is slung, pivoted, or hinged to a base provided with suitable feet and held in normal position by stays and springs, so that the height or inclination of the pivoted uprights can be varied or adjusted as desired to suit the convenience of the user, and of an expansible frame attached to the upper ends of the movable uprights to carry an awning or shade.

The invention will be fully described with reference to the accompanying drawings.

Figure 1 is a side elevation of the hammock-frame and awning-support extended for use; Fig. 2, an end elevation of same; Fig. 3, a similar view to Fig. 1, showing the frame and support closed when not in use; Fig. 4, an elevation of cross-pieces B, showing extension-pieces closed; Fig. 5, an elevation of cross-pieces B, showing extension-pieces open; Fig. 6, an under side plan of same; Fig. 7, a plan of portion of base-piece A, showing the extension-notches J and groove K; Fig. 8, a section on line *x x*, Fig. 7; Fig. 9, a sectional view showing method of securing the pivot G by the transverse plug O; Fig. 10, an elevation of the pivot or hinge P, showing the bracket S with its pin R withdrawn therefrom; Fig. 11, a side view of same; Figs. 12 and 13, detail views of ferrules *a*.

The frame is formed of a longitudinal base-piece A, of wood or other material, provided at both ends with cross-pieces B. These cross-pieces are provided at both of their ends with extension-pieces C, which are pivoted at D and normally fold under the cross-pieces B; but when required for greater firmness these extension-pieces can be turned out, so lengthening the cross-pieces and giving a much firmer foundation on the ground. (See Figs. 4 to 6.)

The movable uprights E, from which the hammock F is slung, are pivoted at C to the ends of the base-pieces and are each provided with a strut or spreader H, the lower end of which engages one of a series of notches J, formed on the base-piece A, according to the stretch required for the hammock. (See Figs. 7 and 8.) At the side of the row of notches J is formed a straight groove K, so that if the spreader H is released from one of the notches its extremity may be placed in the groove K and slide along without engaging the other notches. Means may be provided, such as the guide L, so that when the uprights E are turned out so as to bring the spreader H out of the last notch it may be automatically thrown into this groove. A spring M or other device is provided to pull or press the movable uprights E to maintain the struts H firmly in any notch in which they may be placed.

To strengthen the hold of the pivots G of the movable uprights E, a transverse plug O may be inserted at both ends of the base A, through which the screws securing the same pass, so as to have a cross-grain with which to engage.

At the upper extremity of each of the movable uprights E is fixed a pivot or hinge P, formed with a socket Q to receive a shank or pin R, attached to the bracket S, which carries the frame to support the awning. (See Figs. 10 and 11.) Rigidly attached to the bracket S and projecting vertically upward is an arm T, to which is attached the center support U to form the apex of the awning. At either side of this center arm are pivotally attached one or more other arms, V W, to which are attached the supports X Y, which spread the awning over the hammock F. Shoulders Z are formed on the bracket S to prevent these side arms V W falling too far.

To the arms T V W, attached to the brackets

S at either end, are secured in any suitable manner rods or supports U X Y, of bamboo, cane, or other similarly light and strong material. On the outer extremity of each rod is secured a ferrule *a* or the like, to which are attached one, two, or more rings *b*, which embrace somewhat loosely the corresponding rod attached to the opposite bracket in such a manner that when the movable uprights are closed together or opened out the rings *b* slide along the opposite rods, permitting the whole to be closed up. (See Figs. 12 and 13.) The awning itself, which is independent of the supports, can be spread over them or removed at any time. When the awning is not required, the whole frame can be removed by withdrawing the pins R, formed on the brackets, out of the sockets Q in the pivots or hinges P, attached to the movable uprights E.

What I claim as my invention, and desire to protect by Letters Patent, is—

1. In a hammock frame or support the combination with the base-piece A and uprights E of the hinges P, the sockets Q formed therein, the brackets S, the shanks R on the brackets S to fit into the sockets Q, the arms T rigidly attached, and the arms V, W, pivotally attached, to the brackets S, the rods U, X, Y, attached to the arms T, V, W, the ferrules *a*, and rings *b* on the ends of the stays, U, X, Y, to slide over the opposite stays or rods, to form an awning-support substantially as and for the purposes set forth.

2. In a hammock frame or support the combination with the base-piece A and uprights E of the hinges P, the sockets Q formed therein, the brackets S, the shanks R on the brackets S to fit into the sockets Q the arms T, rigidly attached and the arms V, W, pivotally attached, to the bracket S, the rods U, X, Y, attached to the arms T, V, W, the ferrules *a*, and rings *b* on the ends of the stays, U, X, Y, to slide over the opposite stays or rods, to form an awning-support, the cross-bars B on the base-piece A the extension-pieces C on the cross-bars B to give firmer foundation upon the ground substantially as and for the purposes set forth.

3. In a hammock frame or support the combination with the base-piece A and uprights E of the hinges P, the sockets Q formed therein, the brackets S, the shanks R on the brackets S to fit into the sockets Q, the arms T, rigidly attached and the arms V, W, pivotally attached to the bracket S, the rods U, X, Y, attached to the arms T, V, W, the ferrules *a*, and rings *b* on the ends of the stays, U, X, Y, to slide over the opposite stays or rods, to form an awning-support, the groove K on the base-piece A and the guide L to direct the end of the spreader H into the groove K without engaging the notches J substantially as and for the purposes set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

W. C. POLES.

Witnesses:
GEORGE ARTHUR PADDOCK,
HENRY ROBERT KING.