

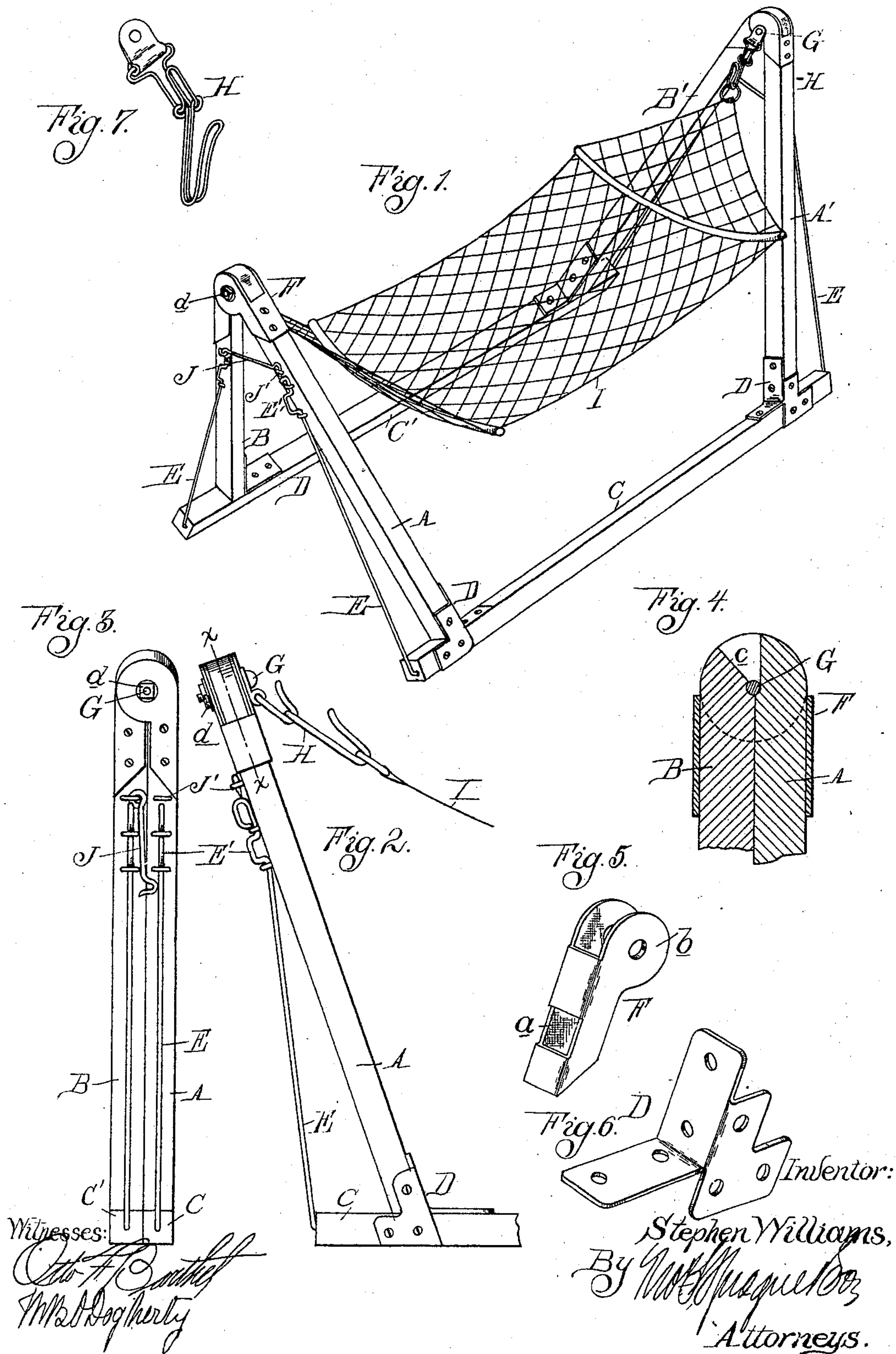
No. 617,475.

Patented Jan. 10, 1899.

S. WILLIAMS.
HAMMOCK SUPPORT.

(Application filed Feb. 8, 1898.)

(No Model.)



UNITED STATES PATENT OFFICE.

STEPHEN WILLIAMS, OF WYANDOTTE, MICHIGAN.

HAMMOCK-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 617,475, dated January 10, 1899.

Application filed February 8, 1898. Serial No. 669,549. (No model.)

To all whom it may concern:

Be it known that I, STEPHEN WILLIAMS, a citizen of the United States, residing at Wyandotte, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Hammock-Supports, of which the following is a specification, reference being had therein to the accompanying drawings.

10 The object of the invention is to make a support which is strong and inexpensive to build and which at the same time is so simple and light that children may very readily set it up, take it down, and carry it to any
15 place.

To this end the invention comprises a supporting-frame composed of two like side frames, each formed of three wooden bars united into an open three-sided frame, the
20 two frames being pivotally united at their open ends and adapted to be folded upon each other.

It further consists of certain details in the construction of the supporting-frame, whereby strength is combined with lightness, and means are provided for securing and adjusting the hammock, all as more fully herein-
25 after described, and shown in the drawings, in which—

30 Figure 1 is a perspective view of the improved hammock-support as in use. Fig. 2 is a side elevation of one end thereof. Fig. 3 is an end elevation of the support when folded. Fig. 4 is a vertical cross-section on line *xx* in Fig. 2. Fig. 5 is a detached perspective view of one part of the metal-hinge connections of the side frames. Fig. 6 is a detached perspective view of the knee-iron for connecting the bars of the side frames to-
35 gether. Fig. 7 is a detached perspective view of the hook-chain for adjustably securing the hammock.

45 A B and A' B' are ends posts pivotally connected at their upper ends in pairs, and C C' are connecting-bars to which the lower ends of the corresponding end posts are rigidly

united, thereby forming two like open-sided frames, respectively composed of the bars A A' C and B B' C', adapted to be folded together or spread apart.

50 The end posts are rigidly secured to the connecting-bars, near the outer ends thereof, by means of knee-irons D, of cast or sheet metal, in such manner that they incline outwardly, as shown. Each end post is further
55 secured by a tie-rod E, the lower end of which is secured to the adjacent outer end of the connecting-bar, and the upper end of which is formed into a loop E' (which forms a convenient handhold) and secured by suitable fas-
60 tenings or staples to the end post.

The end posts are pivotally connected by compass-joints formed by metal hinges. Each hinge is composed of two like parts F, formed with sockets *a*, adapted to receive the ends
65 of the posts, and with perforated circular ears *b*, through which a clamping-bolt G passes. The end posts have rounded ends extending into the space between the ears of the hinge, and by cutting away a segmental portion of
70 one or both a shoulder *c* is formed which acts as a stop to limit the spreading apart of the end posts.

The clamping-bolt G has a nut *d* for tightening it, and it also serves as a means for se-
75 curing to each pair of end posts a hook-chain H, having two or more hook-links by means of which the hammock I is detachably and adjustably secured between the end posts.

To prevent the support from collapsing
80 when spread apart, suitable braces may be applied between the end posts, such as a hook J, secured to one post and adapted to hook into an eye J' on the other post.

85 In practice the support is spread apart, as in Fig. 1, the parts forming a strong and rigid frame for the support of the hammock, while at the same time it is so simple, light, and easily manipulated that children of all ages may use and manipulate it and carry it away
90 and set it up wherever they may fancy. If folded together, it can be carried through

doorways and used inside the house as well as out of doors and be stored away when not wanted.

What I claim as my invention is—

- 5 In a hammock-support, two sections hingedly secured together, comprising base-sections, uprights, stay-rods bracing said uprights, separated devices for securing the stay-rods to the uprights, and offsets in said
10 stay-rods between said securing devices con-

stituting handles for opening and closing the sections, and means for holding the sections in open position, substantially as described.

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

STEPHEN WILLIAMS.

Witnesses:

M. B. O'DOHERTY,
OTTO F. BARTHEL.