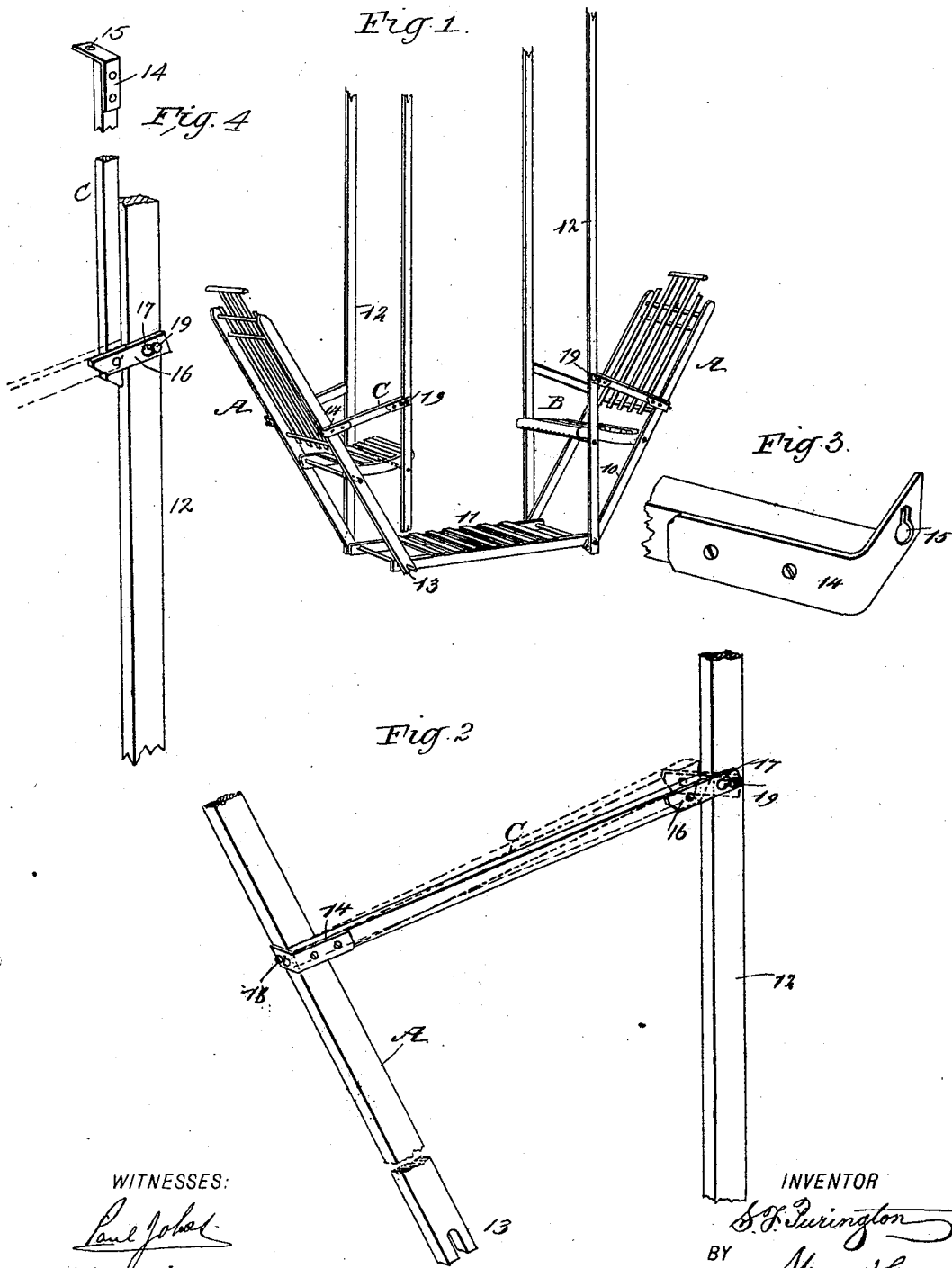


(No Model.)

S. F. PURINGTON.
HANGING OR SWINGING CHAIR.

No. 517,296

Patented Mar. 27, 1894.



WITNESSES:
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UNITED STATES PATENT OFFICE.

SAMUEL F. PURINGTON, OF BRUNSWICK, MAINE, ASSIGNOR OF ONE-HALF TO
SAMUEL KNIGHT, JR., OF SAME PLACE.

HANGING OR SWINGING CHAIR.

SPECIFICATION forming part of Letters Patent No. 517,296, dated March 27, 1894.

Application filed August 5, 1893. Serial No. 482,445. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL F. PURINGTON, of Brunswick, in the county of Cumberland and State of Maine, have invented a new and
5 useful Improvement in Hanging or Swinging Chairs, of which the following is a full, clear, and exact description.

My invention relates to a hanging or swinging chair, and it has for its object to provide
10 a chair fork and arm fastener, through the medium of which hanging or swinging chairs may be expeditiously and conveniently connected with their supports, and disconnected in such manner that the chairs and supports
15 may be folded compactly, rendering it possible for such chairs and supports to be shipped in a minimum of space, and expeditiously and conveniently adjusted when set up for use.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth and pointed out in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification,
25 in which similar figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvements applied to swinging or hanging
30 chairs. Fig. 2 is a detail perspective view of both the arm support and chair fork. Fig. 3 is a detail perspective view of one end of the arm support; and Fig. 4 is a detail perspective view showing an arm support folded up
35 upon a hanging support for the chair.

In carrying out the invention the body A of the chair may be of any approved construction. Ordinarily it consists of a back the side
40 pieces of which are continued downward to form the legs 10, which are two in number and are located at the back, and the seat B, is pivoted between the legs 10 below the back. Chairs of this description may be set up in
45 various ways. In the example shown in the drawings a platform 11, is illustrated as being pivotally connected with four uprights or swinging supports 12, the supports being located respectively at the four corners of the
50 platform. A chair is adapted to be located at each end of this platform, and at the lower extremity of the legs of each chair a fork 13,

is formed, the members of the fork being adapted to lie at each side of the pivot pin or rod connecting the uprights with the platform, the legs of the chair being preferably located
55 between the swinging supports or uprights and the platform, as shown in Fig. 1. The seats B, when the chairs are so hung, are supported upon rounds connecting the swinging uprights or supports, as is also shown in Fig. 60
1. The arms C of the chairs may be of any desired length, and each arm is provided at its outer end with an angle iron 14, shown best in Fig. 3, one member of the angle iron being carried beyond the inner face of the
65 arm, while the other member is secured permanently in any approved manner to the outer side face of the arm. The rear member, or that extending transversely across the end of the arm is provided with an upright key-hole
70 slot 15, the reduced portion thereof being the upper portion. The inner end of each arm is beveled decidedly in a downward direction, and near the inner extremity of the arm one
75 end of a link 16, is pivoted, which link is of sufficient length, when placed parallel with the arm, to extend beyond its inner or beveled end, and near the inner end of the link a key-hole slot 17, is produced longitudinally therein. A stud 18, is secured to the back
80 portion of the side rails of each chair, and studs 19, are also secured to the swinging supports 12 above the point where the seats rest upon the rounds connecting the swinging supports. When the chairs are set up and their
85 forked legs are located upon the platform, the links of the arms are made to receive the studs of the swinging supports. The angle irons at the outer ends of the arms are made to receive the studs upon the chairs, and the arms
90 are then pressed downward until their links 16, are parallel with them and their beveled inner ends engage with the outer edges of the swinging supports. In this manner the arms
95 will form a proper connection between the supports and the back of the chair in connection with which they are used, maintaining the chair in proper position.

In the matter of shipment the chairs may be expeditiously and conveniently detached
100 entirely from the platform and swinging supports, and such detachment is effected in the

following manner: The inner ends of the arms C, are forced upward, as shown in dotted lines in Fig. 2, carrying their beveled ends out of engagement with the swinging supports, where-
 5 upon the chair may be moved inward, or in direction of said supports, and the outer ends of the arms are at that time moved slightly upward until the studs 18 enter the larger portions of the slots 15 in the angle irons 14. The
 10 angle irons may now be disconnected from the chair backs by carrying the said chair backs farther inward, and then the links 16, may be disconnected from the studs 19 on the swinging supports; the seats of the chairs may
 15 now be permitted to drop between their legs 10, and the chairs after being removed from engagement with the platform may be packed flatly upon the swinging supports, platform, or upon one another as may be found most
 20 convenient to the packer. The arms C need not necessarily be entirely removed from the swinging supports 12, since after the arms have been disconnected from the chairs the arms may be swung parallel and to an en-
 25 gagement with the swinging supports, as illustrated in Fig. 4.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

30 1. In swinging or hanging chairs, the combination, with swinging and platform supports, of a chair provided with forked lower

extremities having removable connection with the platform support, and arms removably connected with the swinging supports and with
 35 the chair at the back thereof, said arms being provided with a link pivotally connected thereto at one end and an angle iron at the opposite end, the link and angle iron having slots therein, receiving studs located respectively on the swinging supports and upon the
 40 chair body, as and for the purpose set forth.

2. In hanging or swinging chairs, the combination with a platform support and hanging or swinging supports connecting there-
 45 with, of a chair having its legs forked for removable connection with the platform support, studs located upon the body of the chair and upon the hanging supports, and arms adapted to connect the body of the chair and
 50 said hanging supports, said arms being provided at one end with a link pivoted thereto and extending beyond the arm and having a key-hole slot produced therein to receive a stud on a swinging support, the opposite end
 55 of the arm being provided with a bracket projecting beyond one side face, the projecting portion of the bracket having a key-hole slot formed in it to receive a stud on the body of the chair, as and for the purpose specified.

SAMUEL F. PURINGTON.

Witnesses:

SAMUEL KNIGHT, Jr.,
 WESTON MONQUIN.