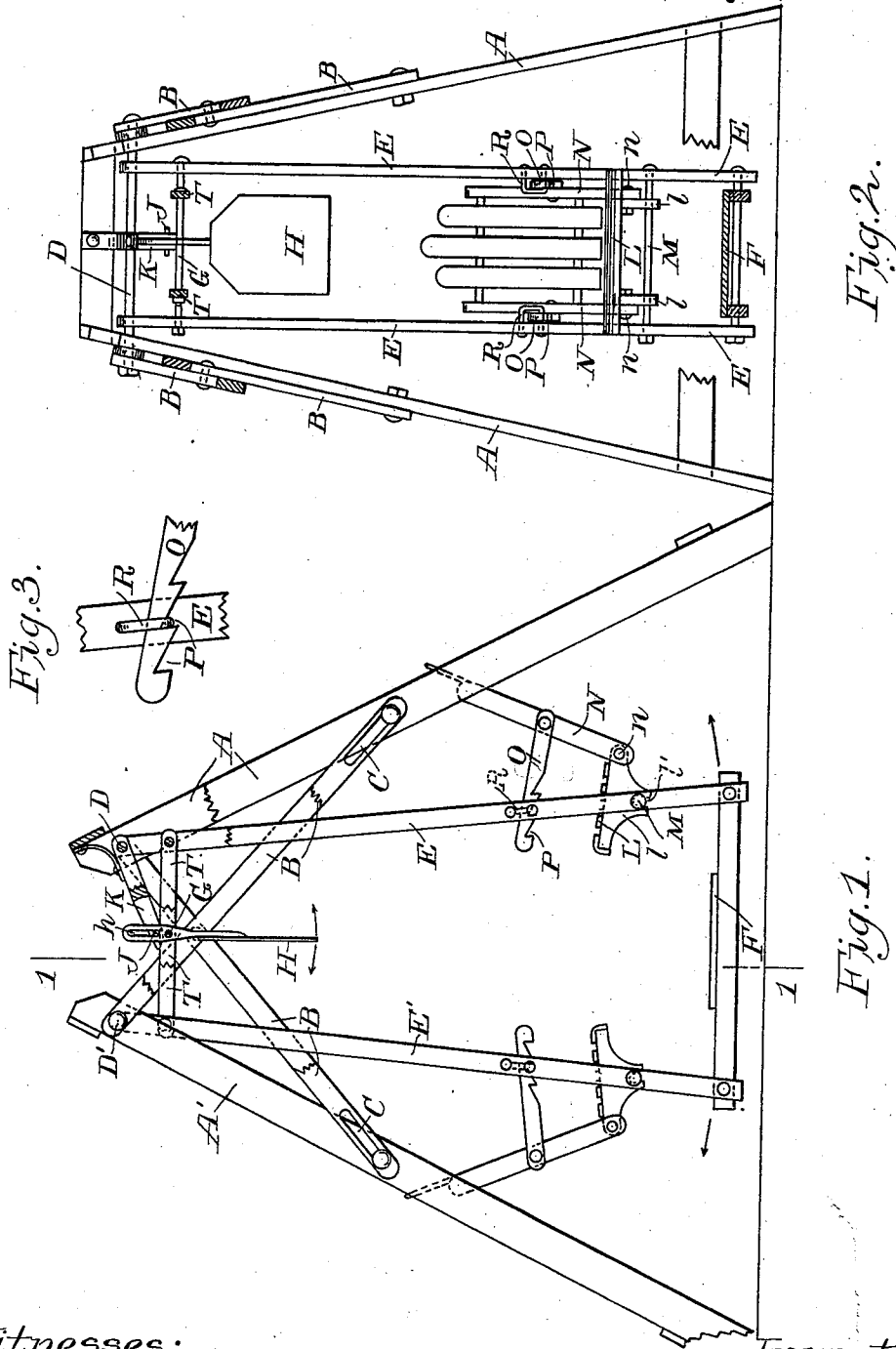


(No Model.)

E. D. SHAVER.  
RECLINING CHAIR SWING AND FAN.

No. 563,420.

Patented July 7, 1896.



Witnesses:  
*J. W. Fisher*  
*W. Brown*

Inventor,  
*Edward D. Shaver.*  
by *Ward & Cameron,*  
Attorneys

# UNITED STATES PATENT OFFICE.

EDWARD D. SHAVER, OF NIVERVILLE, NEW YORK, ASSIGNOR OF ONE-HALF  
TO HENRY R. VAN HOESSEN, OF SAME PLACE.

## RECLINING-CHAIR SWING AND FAN.

SPECIFICATION forming part of Letters Patent No. 563,420, dated July 7, 1896.

Application filed January 20, 1896. Serial No. 576,085. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD D. SHAVER, a citizen of the United States, residing at Niverville, county of Columbia, State of New York, have invented a new and useful Reclining-Chair Swing and Fan, of which the following is a specification.

My invention relates to swinging chairs, and the object of my invention is to provide a chair having an adjustable reclining back with a fan which shall be set in motion by the operation of the swing. I attain this object by means of the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is an elevation. Fig. 2 is a section along the line I I on Fig. 1, and Fig. 3 is a detail view of the adjusting arrangement of the back.

Similar letters refer to similar parts throughout the several views.

A A' represent supports held in position by the braces B B, two of the supports on each side of the swing, the ends of the braces B B being movable by means of the elongated slots C C, the tops of the supports A A' being preferably adjusted a short distance apart. Extending across from one of the supports A to the other support A on the same side of the swing, I arrange the rod D, upon which is hung the swing-supports E E, and which are attached at their lower extremities to the platform F, which platform F extends across to the similar supports E' E', attached to the opposite supports A' of the swing. The supports E E' move freely upon the rods D D'. Extending across from the supports E to the supports E', I arrange the connecting-strips T T and extend a rod G at about midway between the ends of the strips T T, to which is secured a fan H, the rod G moving freely within the strips T T. The shank of the fan H extends above the rod G and is provided with a longitudinal slot h, through which a pin J, passing through the bifurcated arm K, plays, the bifurcated arm K being secured to the rod D in any suitable manner in connection with either of the supports A A', and so arranged that the motion of the supports E E' will cause the fan H to move.

I arrange a seat L of a chair having rests 50 l, extending from the bottom of the seat down and provided with a suitable groove l' at the lower surface adapted to rest upon a rod M, passing between the supports E E'. To the rear of each seat L, I attach a back N by 55 means of pivotal connection with the seat, as at n, held in position by means of the arms O, which arms are provided with notches P along their under surface adapted to engage with obstructions R on the sides of the sup- 60 ports E and so arranged that the position of the back of the chair may be adjusted by simply lifting the arms from contact with the obstruction and either drawing the back forward or allowing it to fall backward, as may 65 be desired, it being held in position by contact of the arms with said obstruction. As thus arranged, it will be noticed that the least motion of the swing will operate the fan, and without swinging hard the occupant of 70 the swing may receive the benefit of a considerable motion of the fan. It is also noticeable that the reclining back of the swing may be adjusted to any point desired and the seat will remain at its proper angle. The back 75 and the seat are arranged so that they may be taken out of the swing, when the seat is upholstered, and may be adjusted in its place very easily and quickly.

What I claim as my invention, and desire 80 to secure by Letters Patent, is—

In a swing, a suitable support, swing-bars suitably mounted in said support, a chair attached to said swing-bars, a fan attached to the upper portion of the swing, a bifurcated 85 arm, a pin in said bifurcated arm, an elongated slot in the end of said fan through which the pin passes, a rod upon which said fan is mounted, all so arranged that the motion of the swing-bars will cause a motion of 90 the fan, substantially as described and for the purpose set forth.

EDWARD D. SHAVER.

Witnesses:

WALTER E. WARD,  
GRACE T. MANY.