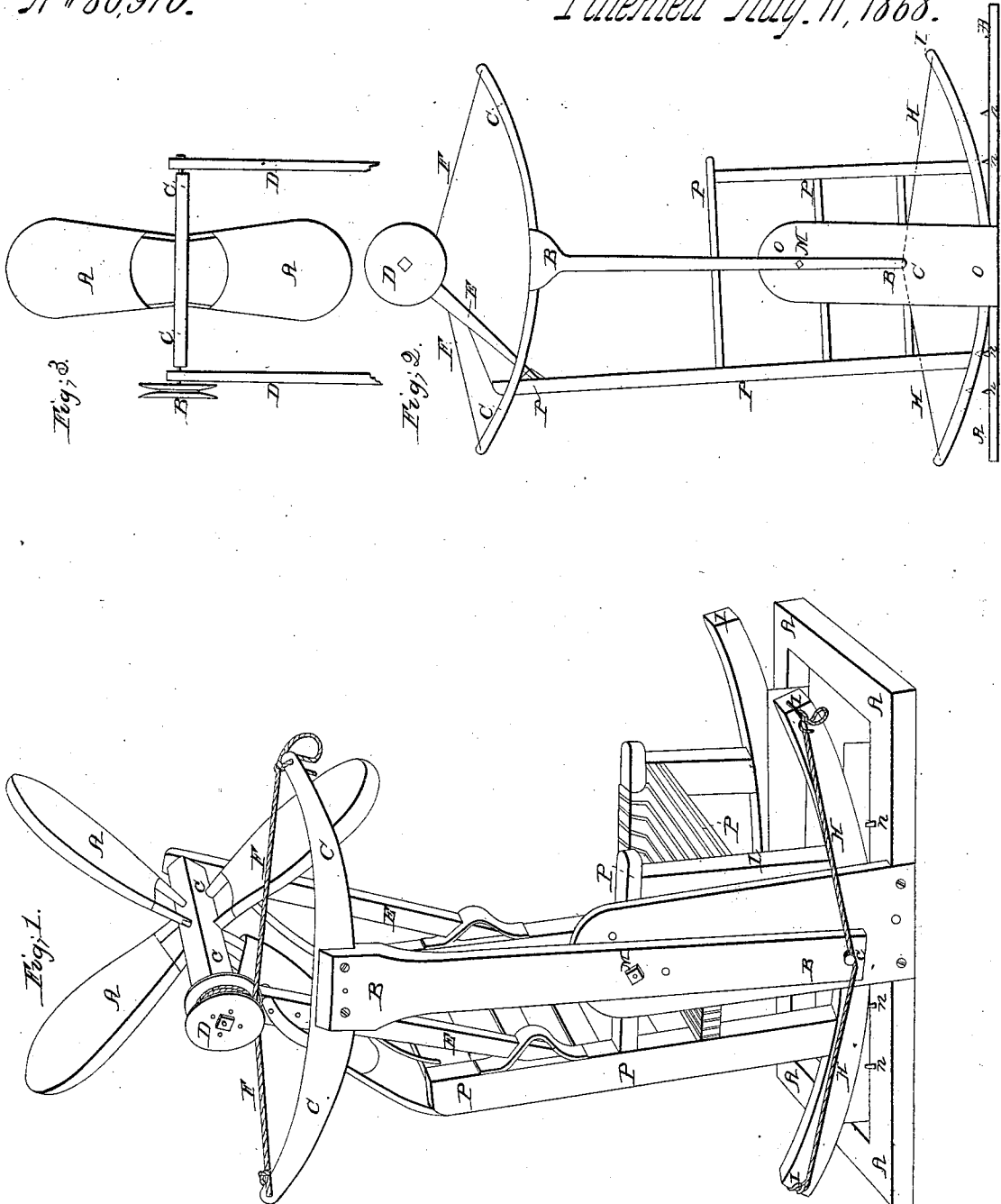


T. Kerr,
Rocking Chair,

Nº 80,970.

Patented Aug. 11, 1868.



Witnesses;
Henry H. H. H.
W. H. H. H.

Inventor;
Thomas Kerr

United States Patent Office.

THOMAS KERR, OF YORK, PENNSYLVANIA.

Letters Patent No. 80,970, dated August 11, 1868.

IMPROVED FANNING AND ROCKING-CHAIR.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, THOMAS KERR, of York, in the county of York, State of Pennsylvania, have invented a new Fanning Rocking Arm-Chair; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in attaching a revolving fan, with a transverse rotary motion, to ordinary rocking-chairs, by which a current of air is produced without any other power than that used by the occupant of the chair while rocking himself.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

Figure 1, in the accompanying drawings, represents the chair with the entire machinery attached, except the fan, which is represented in fig. 3.

Figure 2 represents a side view of the chair with my invention attached, except the fan as represented in fig. 3.

Figure 3 represents the fan and pulley, to which the band or strap is attached, to communicate motion to the fan.

I I I I, in fig. 1, represent the rockers of the chair, resting on a platform consisting of four pieces framed together, about one inch in thickness, and from three to four inches broad, and represented in fig. 1 by A A A A.

n n n n, in fig. 1, represent short pins, inserted in the sides of platform A A A A, projecting above said platform from a quarter to half an inch, which pins, when the chair is in motion, are received into corresponding holes in the rockers of the chair, and thus kept firmly on the platform.

O O, in fig. 1, represent an upright board or plank, firmly attached to platform A A A A, L L representing a strip attached to the platform, in order to throw O O further from the side of the chair.

B B, in fig. 1, represent a lever, with a cross-piece marked C C, and attached to the upright, O O, by a pivot, M.

H H, in fig. 1, represent two straps, attached to the right-hand rocker at I I, and fastened to the lever B B at C.

F F, in fig. 1, represent a strap, fastened to the extreme ends of the cross-piece C C, and wrapped around the pulley D.

E E, in fig. 1, represent the posts on which the fan and pulley rest.

P P P P, in fig. 1, represent the back, arms, and seat of the chair.

Fig. 3 represents the fan, and a front view of the pulley.

C C, the shaft to which the several fans are attached.

D D, the posts on which the fan rests.

The occupant of the chair, by rocking himself, imparts the motion to the fan. It requires very little additional power to that necessary to enjoy that luxury when this invention is not attached.

The straps H H are alternately drawn forward and back by the rocker, to the ends of which they are attached, which imparts a corresponding motion to the lever B B at C. This lever, having M as a centre or fulcrum, which is stationary, being attached to a platform by the upright, O O, has a corresponding forward and backward motion at the top, and the strap F F, being fastened to either end of the cross-piece C C, and wrapped several times around the pulley D, attached to the shaft of the fan, imparts a transverse rotary motion to the fan.

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

The combination of the platform A A A A, the projecting pins n n n, the upright, O O, with lever B B, straps H H, strap F F, pulley B, shaft C C, and fan A A, as described.

THOMAS KERR.

Witnesses:

HENRY WELSH,
W. H. STRICKER.