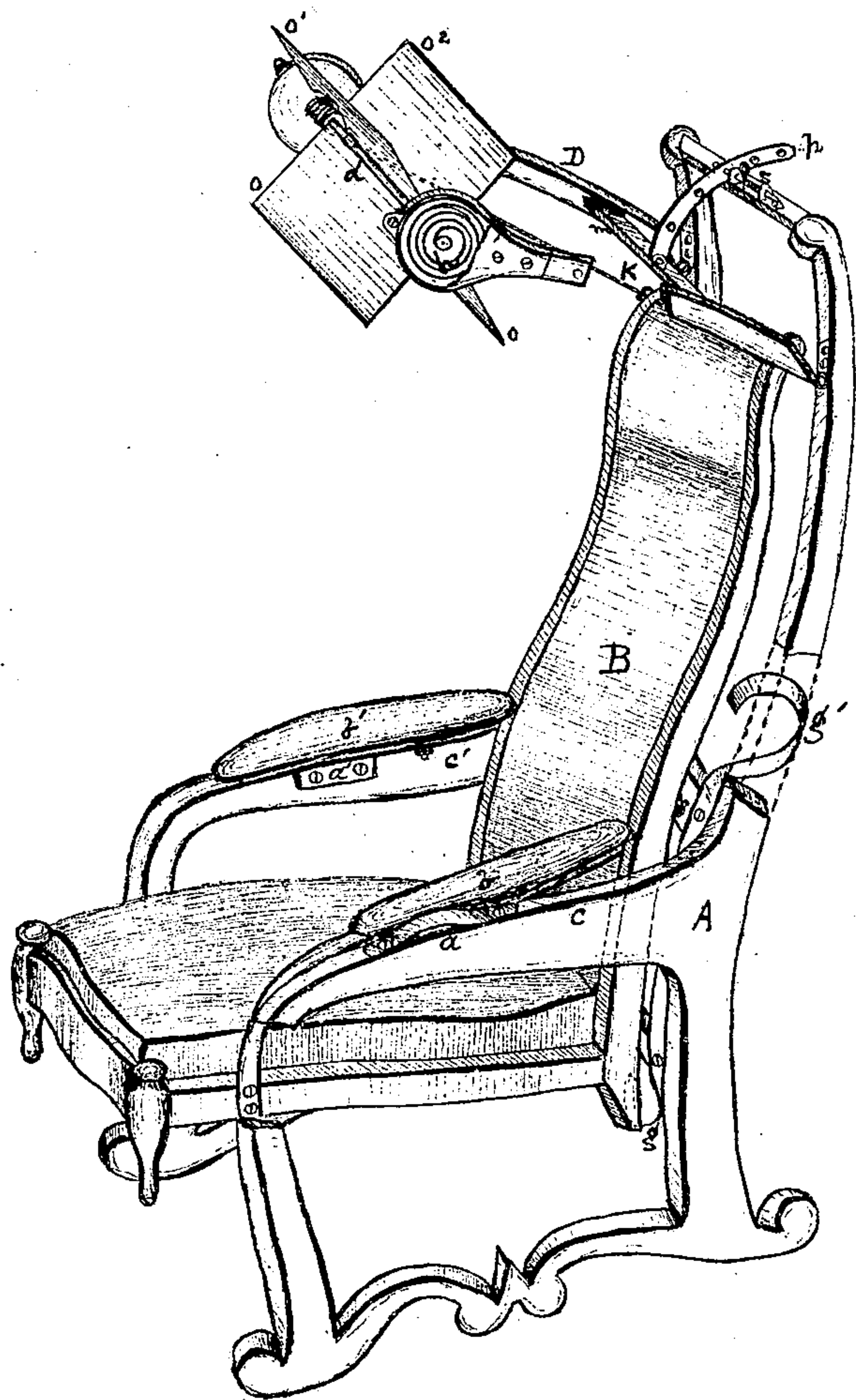


A. Dyson,

Chair & Fan.

No. 97,063.

Patented Nov. 23. 1869.



Witnesses
Sam'l. S. Boyd.
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United States Patent Office.

ABRAHAM DYSON, OF ST. LOUIS, MISSOURI.

Letters Patent No. 97,063, dated November 23, 1869.

IMPROVED CHAIR AND FAN.

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, ABRAHAM DYSON, of the city and county of St. Louis, State of Missouri, have invented a new and useful Combined Chair and Fan, of which the following is a full, clear, and exact description, reference being had to the annexed drawing, making a part of this specification, and representing a perspective elevation of my invention, with a portion of same broken out.

My invention relates to that combination of a rocking or swinging-chair and fan, in which the latter is made to revolve by the motion of the former.

A represents the frame-work of a chair, resting on four legs, as seen, and, if desired, also furnished with casters.

Inside of this is hung a chair, B, on pivots, (not shown,) at *a a'*, in such a manner that the same will maintain the upright position, as seen.

These pivots are on the arms *b b'* of B, and work in sockets of the arms *c c'* of A.

Near the top of A is hinged a frame, D, its sides forming bearings for a shaft, *d*, one end of which is connected with a spiral spring, *h*, and the other end has a cord, *k*, wound about it, and leading to the top of B, as seen.

On this shaft are four fans, *o o¹ o² o³*, made, preferably, of thin sheets of metal, and fastened in sockets cast on the shaft. They may be covered with silk or other substance, if desired.

To the cross-bar *m* of D is pivoted an arm, *p*, per-

forated at suitable distances, as seen, so that it may receive the spring-bolt *s*, attached to the top of A.

By means of this, the elevation of the fan-frame may be regulated at pleasure.

To the back of A are attached springs *g g¹ g² g³*, the first two only being shown, which, receiving the chair B, in its backward and forward movement, prevent any jarring.

The backward motion of B, given it by the occupant, acting on the cord *k*, causes the fans to revolve, tightens the spring *h*, which, as soon as the tension of the cord is relieved, by the return motion of the chair, causes the fans to revolve in the opposite direction, winding up the cord for the next backward movement of the chair.

I am well aware that a combination of chair and fan, so that one may be actuated by the motion of the other, is not novel, and, therefore, I make no claim to such, generally; but merely claim, as my invention, and desire to secure by Letters Patent—

The chairs A and B, springs *g g¹ g² g³*, fans *o o¹ o² o³*, with their actuating spring *h* and cord *k*, arranged on a hinged frame, D, rendered adjustable by an arm, *p*, and spring-bolt *s*, all combined, constructed, and arranged for joint operation, substantially as and for the purpose shown and specified.

A. DYSON.

Witnesses:

SAML. S. BOYD,
LEWIS MYERS.