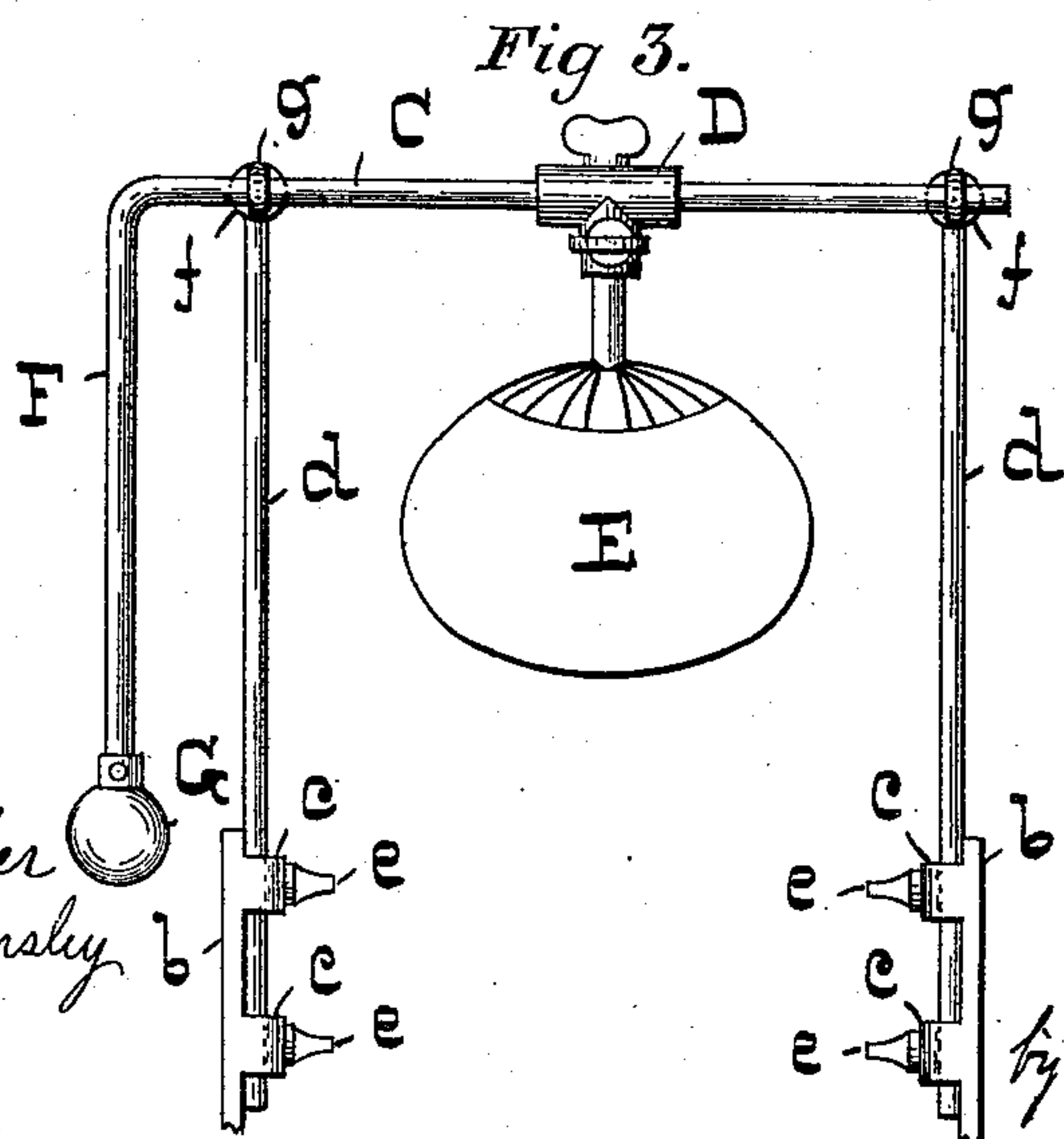
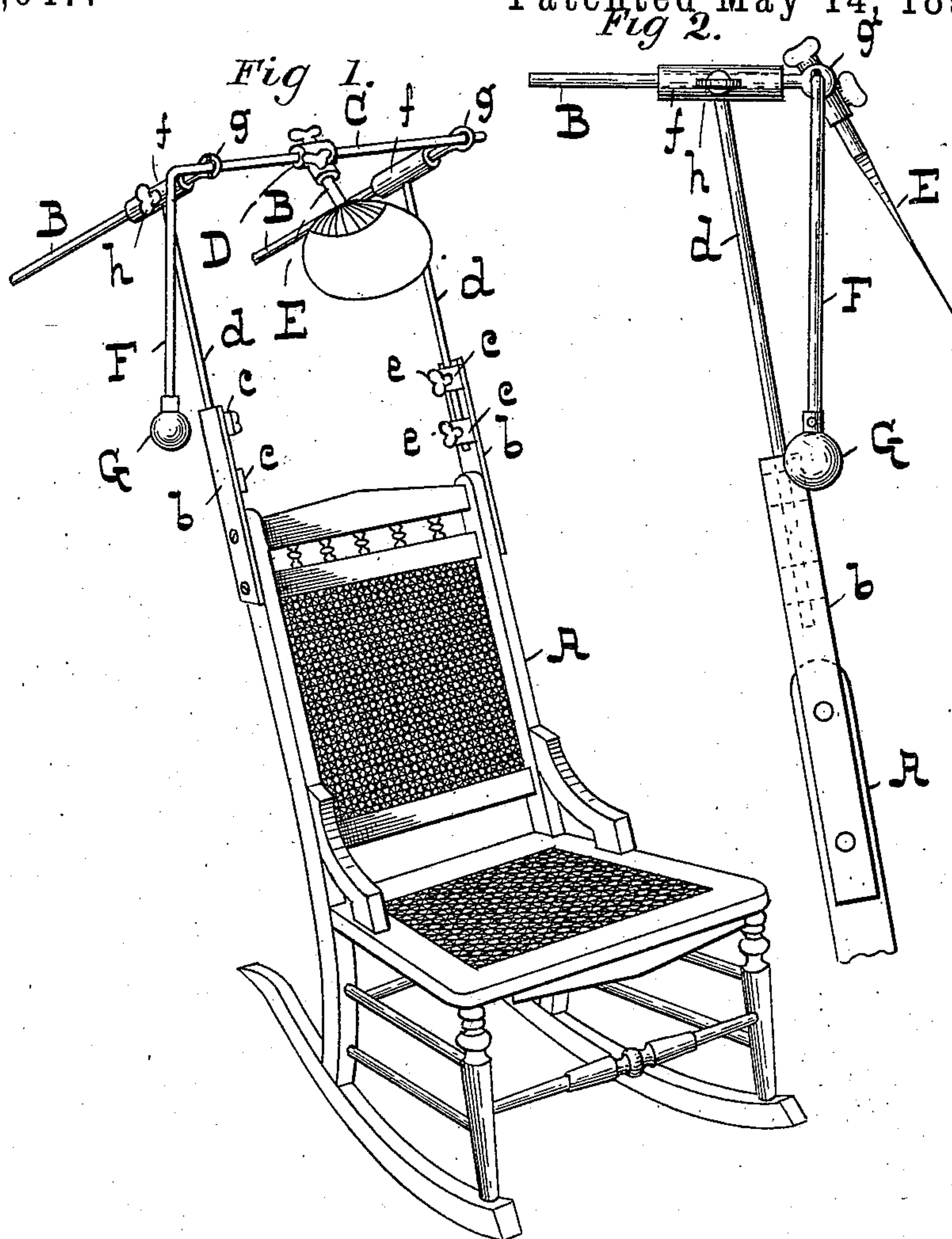


(No Model.)

F. FINKE, W. MATTHEISS & H. FABY.
AUTOMATIC FAN FOR ROCKING CHAIRS, CRADLES, &c.

No. 539,047.

Patented May 14, 1895.



- WITNESSES -

Don't Fisher
George Hemshy

-INVENTORS-

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William Mattheiss,
Harry Fabry.
 by *G. H. N. J. Howard* *all.*

UNITED STATES PATENT OFFICE.

FIDELIO FINKE, WILLIAM MATTHEISS, AND HARRY FABY, OF BALTIMORE,
MARYLAND.

AUTOMATIC FAN FOR ROCKING-CHAIRS, CRADLES, &c.

SPECIFICATION forming part of Letters Patent No. 539,047, dated May 14, 1895.

Application filed September 7, 1894. Serial No. 522,393. (No model.)

To all whom it may concern:

Be it known that we, FIDELIO FINKE, WILLIAM MATTHEISS, and HARRY FABY, of the city of Baltimore and State of Maryland, have
5 invented certain Improvements in Automatic Fans for Rocking-Chairs, Cradles, &c., of which the following is a specification.

This invention relates to certain improvements in that class of fans, in which the vibratory action of the fan is effected by the rocking of the chair or cradle to which it is attached or applied; and it consists in the peculiar construction of the fan attachments whereby the motion of the chair or cradle is
10 transmitted to the fan, as will hereinafter fully appear.

In the further description of the said invention which follows, reference is made to the accompanying drawings, forming a part
20 hereof, in which—

Figure 1 is a perspective view of a rocking-chair provided with a fan in accordance with the present invention. Fig. 2 is a side view, on an enlarged scale, of the fan and its at-
25 tachments. Fig. 3 is a front view of Fig. 2.

Referring now to the drawings, A represents a rocking chair of any desired pattern and construction. The sides, or side frames of the back of the chair, are provided with
30 two extensions *b* of any suitable design. These extensions will be varied to suit chairs of different patterns, and their shape is of little importance. In the present case they are provided with lugs *c* which are bored to receive rods *d*, which pass loosely through them and are secured at any height by means of thumb screws *e*. The extensions *b* and the
35 rod *d* form extensible standards for the fan mechanism hereinafter described. At their upper ends the bars *d* have sleeves *f* which hold sliding bars B with eyes *g* at their ends. These bars B are adjustable in position and when set are fastened by thumb screws *h*.

C is a spindle adapted to move loosely in
45 the eyes *g*. At the middle of the spindle C

is a clamp D to hold the handle of a fan, E. The clamp may be slid longitudinally on the spindle, and may be of any construction that will allow of the ready attachment of the fan and its adjustment to any desired angle of in-
50 clination. One end of the spindle C is turned down to form an arm F which has a counterbalancing weight G which serves to hold the said arm in a normally vertical position.

The fan when applied and arranged as de-
55 scribed, needs no devices to operate it, as it vibrates as the chair is rocked.

We claim as our invention—

1. In combination with a rocking chair or cradle, a loosely hung spindle carrying a fan
60 which is adjustable in angle of inclination, an arm on the said spindle having a weight which normally retains the said arm in a vertical position without reference to the position of the chair, substantially as specified.
65

2. In combination with a rocking chair or cradle, a pair of standards having sleeves at their upper ends, bars held adjustably in the sleeves, having eyes at their forward ends, a spindle loosely supported in the said eyes,
70 having an arm carrying a counterbalancing weight, and a clamp adjustably attached to the said spindle, adapted for attachment to a fan, substantially as specified.

3. In combination with a rocking chair or
75 cradle, a pair of extensible standards having sleeves at their upper ends, bars situated in the said sleeves and adjustable therein, the said bars having eyes at their forward ends, a spindle loosely supported in the said eyes
80 having an arm carrying a counterbalancing weight, and a clamp adjustably attached to the said spindle, adapted for attachment to a fan, substantially as specified.

FIDELIO FINKE.
WILLIAM MATTHEISS.
HARRY FABY.

Witnesses:

WM. T. HOWARD,
DANL. FISHER.