

K. THOMPSON & L. G. BERGSTROM.  
Rocking Chair Fan Attachment.

No. 200,414.

Patented Feb. 19, 1878.

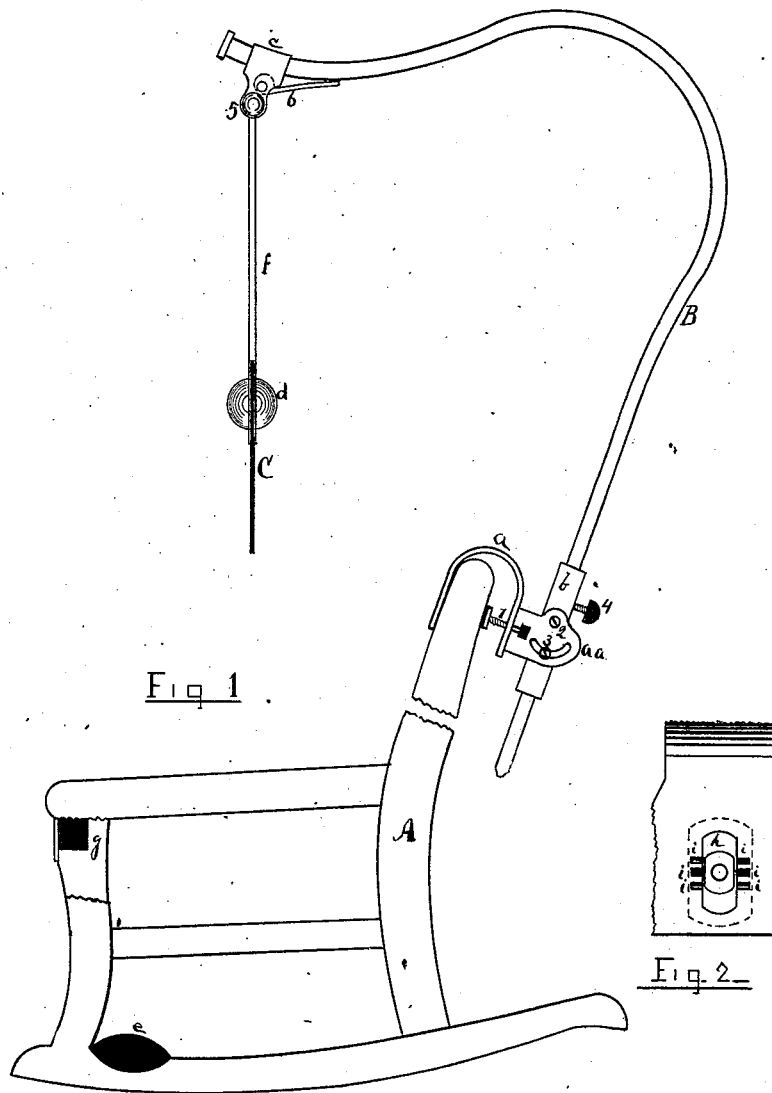


Fig 1

Fig 2

WITNESSES

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# UNITED STATES PATENT OFFICE.

KNUD THOMPSON AND LARS G. BERGSTROM, OF NORWALK, OHIO.

## IMPROVEMENT IN ROCKING-CHAIR FAN ATTACHMENTS.

Specification forming part of Letters Patent No. **200,414**, dated February 19, 1878; application filed August 31, 1877.

*To all whom it may concern:*

Be it known that we, KNUD THOMPSON and LARS G. BERGSTROM, of Norwalk, in the county of Huron and State of Ohio, have invented a new and useful Fan Attachment for Rocking-Chairs; and we do hereby declare the following to be a full, clear, and exact description thereof.

Our invention consists in the construction of a device to be attached to a rocking-chair, by which a fan will be suspended above the occupant of the chair, and will vibrate by the rocking action of the chair; and also in providing means for balancing the chair when the device is attached.

Our invention is shown in the accompanying drawings by two figures, one of which is a side elevation of the chair with our device in position, and the other is a detached view of the attaching device.

A is the chair; B, the rod by which the fan is suspended, and C the fan.

There is nothing new in suspending a fan by a rod over a chair. This part of our invention relates to the device by which the rod is attached to the chair and made adjustable, and in the manner of adjusting the fan on the rod, and other minor points.

*a* is a clamp for attaching the device to the chair, and it is provided with a set-screw, 1, for clamping it. It is also provided with a plate, *a a*, which is provided with a hole and an arc-like slot.

*b* is a clamping-tube, in which the rod B can slide up and down, and can be retained at any point by the set-screw 4. This tube *b* is attached or pivoted to the plate *a a* by a pivot-pin, 2, which passes through the hole through the plate which was just spoken of above. A set-screw, 3, passes through the arc-like slot and enters the side of the tube *b*.

By this arrangement the tube *b* can be inclined at various angles, and thus the position of the outer end or fan end of the rod B can be changed, and the fan thrown out over the occupant or drawn back of him. As the rod is adjustable up and down by the set-screw 4, it will be seen that by means of the plate and tube arrangement a variety of adjustments of the rod can be effected.

The fan C is attached to the rod by a clip, *c*, which is so made as to slip on the rod B, and can be clamped to the rod at any point by the eccentric lever 6. Then, again, it will

be seen that the position of the fan can be still further adjusted. The fan-rod *f* is pivoted to the clip *c* at 5.

*d* is a weight upon the fan-rod, for the purpose of steadying the motion of the fan. This weight may be arranged to be set at any point on the rod *f*, for the purpose of effecting the length of vibration of the fan.

Figure 2 shows the manner of setting the set-screw nut 1 in the clamp-bow. The nut is provided with trunnions. The bow is provided with a slot, *h*, which has grooves *i* on its side, in which grooves the nut-set and the trunnions fit.

The dotted lines in the figure show the plate on the end of screw 1, which presses against the back of the chair-back, as seen in Fig. 1. By pivoting the nut in the slot the plate will accommodate itself to any form of back.

For balancing the chair when empty—or, in other words, for counterbalancing the effect of the weight of the fan attachment—we provide weights *e e* on the front of the rockers, or *g* on the front of the chair-seat. These weights are made removable, if desired, so as not to be in use when the fan attachment is not in use.

What we claim as new is—

1. In combination with the rod B and clamp *a* of a pendent fan device, the adjusting-plate *a a* and tube *b*, arranged and operated substantially as and for the purposes mentioned.

2. In combination with the rod B and fan C of a pendent fan device, the clip *c*, provided with a suitable clamping device, substantially as and for the purpose mentioned.

3. In combination with the fan C and rod *f*, the ball *d*, attached to said rod above said fan, and made adjustable upon said rod, substantially as and for the purposes mentioned.

4. In combination with the rocking-chair A, supplied with a device for suspending a fan above the same, the removable weights *e* or *g*, for keeping said chair in balance, substantially as set forth.

In testimony whereof we, the said KNUD THOMPSON and LARS G. BERGSTROM, have hereunto set our hands.

KNUD THOMPSON.  
LARS G. BERGSTROM.

Witnesses:

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H. L. KENNAN.