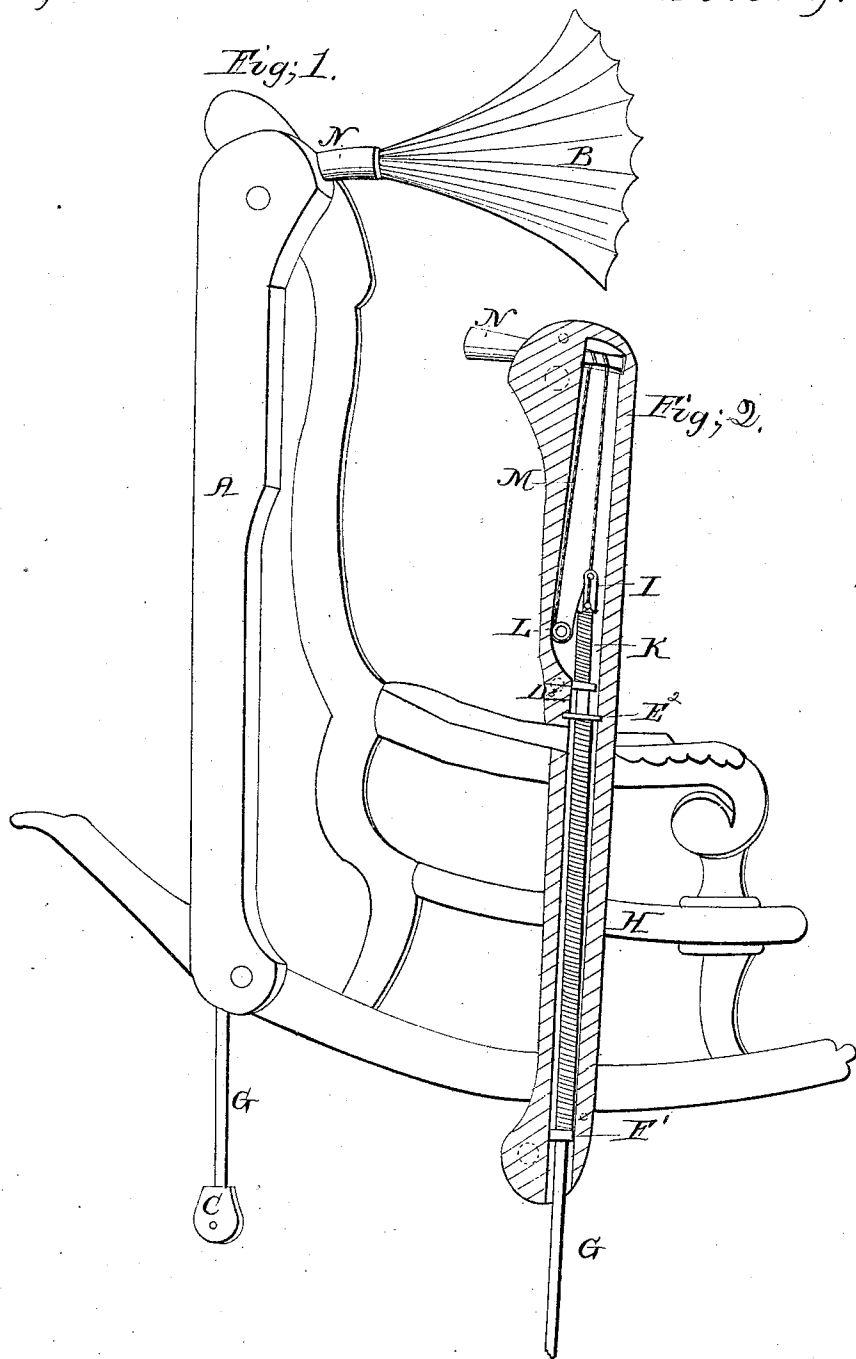


S. E. Winslow,

Fan Attachment for Rocking-Chairs.

N^o 9395.

Patented Nov. 9, 1852.



UNITED STATES PATENT OFFICE.

SETH E. WINSLOW, OF KENSINGTON, PENNSYLVANIA.

AUTOMATIC FAN.

Specification of Letters Patent No. 9,395, dated November 9, 1852.

To all whom it may concern:

Be it known that I, SETH E. WINSLOW, of Kensington, in the county of Philadelphia and State of Pennsylvania, have invented a new and useful Machine for Fanning; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view and Fig. 2 a transverse sectional view, presenting all the internal parts in their proper situation. A represents the frame, B the fan C roller; D³,—E², and F¹, three stops; G the metal rod; H the open spiral spring; I a hole in the rod; K short spring; L the pulley; M the cord, and N the whirl. The fanner consists of a frame of wood, or metal two feet or more long,—having a bore or plowed groove, about one half inch in diameter extending its whole length;—in this bore or groove a metal rod passes of about the same length as the frame; having on its lower end a roller or caster. Also there is a stop, marked F¹, attached to this rod, at about one third of its whole length from the lower end of A. And above this said stop, around this metal rod is an open spiral spring, marked H, which pressing against said stop forces the rod downward. Above the said open spring, loosely around the rod is a stop, marked E², which is attached to the frame, against which stop the upper end of the open spring presses. Above this, stop E², which is attached to the frame is a third stop, marked D³, which is attached by pivot or screw to the metal rod about two inches from its upper end, the object of which is to prevent the rod from passing too far down the frame. And above the stop, marked D³ is a short shut spiral spring the use of which is to keep the cord bent upon the whirl attached to the rod at the same point as said stop, on the upper end of which spring is a loop. Also in the upper end of the rod is drilled or punched a hole marked I, into which hole one end of the cord is fastened, while the other end of the cord is fastened into the loop of the said shut spring. This cord, marked M, passes first around a pulley,

marked L, thence upward and twice around the whirl, marked N, and passing downward it is fastened into the loop of the short shut spring. In one end of the whirl is a small square or round hole to receive the fan (marked B).

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

I construct the frame of the fanner and its whirl in the same way that articles of wood or metal are commonly wrought into like forms. Also the spiral spring in the usual manner by winding wire around a metal rod of the same size as the rod of the fanner, and I drill or punch one or more holes, in the said rod of the fanner so as to receive the cord, and attach to so rod by means of rivet or screws or otherwise the stop F¹, and D³ and also the roller or caster. And further the stop, E², may be attached to the frame if of metal by solder, or rivets, or screws, or if of wood by means of a mortise. When the fan (a common palm leaf fan, or spread feather fan) is fixed in the whirl and the cord properly adjusted as above described, the alternate whirling motion is produced by the metal rod moving upward and downward. And by attaching the frame, or rather the fanner, to a rocking chair by means of thumb screws, this whirling motion and a pleasant current of air is produced and thrown upon the face of any one, who sets in and rocks the rocking chair, to which it is attached.

What I claim and desire to secure by Letters Patent is, not mounting a fan upon a rocking chair and operating it from the motion of the chair as that has been done before but

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

The mode of operating the fan by means of the rod, G, impinging upon the floor and made to re-act by means of a spring substantially as herein set forth.

SETH E. WINSLOW.

Witnesses:

A. H. SHOEMAKER.
M. CONARD.