A. SINGER.

CHAIR ATTACHMENT.

APPLICATION FILED APR. 11, 1916.

1,269,325. Patented June 11, 1918.

Fig 1

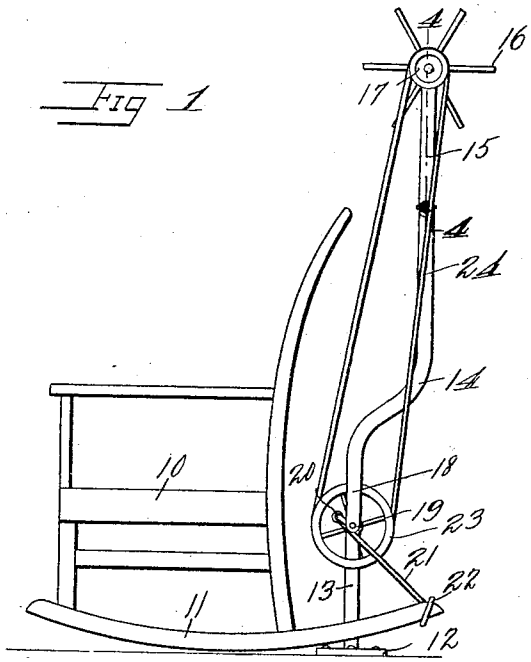


Fig 2

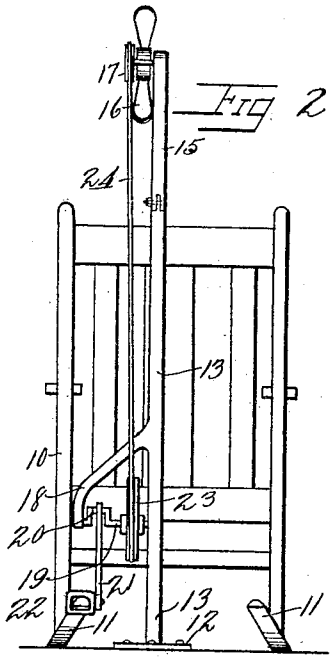


Fig 3

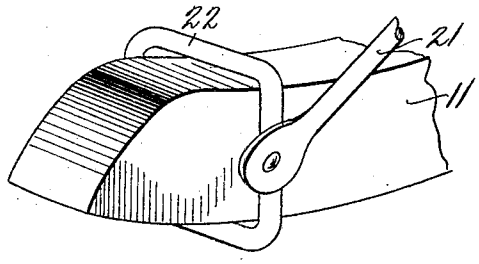
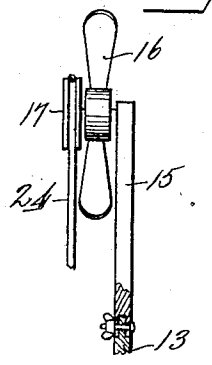


Fig 4



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UNITED STATES PATENT OFFICE.

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CHAIR ATTACHMENT.

1,269,325. Specification of Letters Patent. Patented June 11, 1918.

Application filed April 11, 1916. Serial No. 90,471.

To all whom it may concern:

Be it known that I, ALEXANDER SINGER, a citizen of the United States, residing at Peekskill, in the county of Westchester, State of New York, have invented certain new and useful Improvements in Chair Attachments, and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in chair attachments, and particularly to fan attachments for chairs.

One object of the invention is to provide a novel and simple fan device which can be so placed and can be operated by any ordinary rocking chair.

Another object is to provide a device of this character which is adapted to be secured at any point desired so that the ordinary rocking chair can be placed in engagement with the device when it is desired to use the same, and from which the chair may be readily removed, when the device is not to be used, and without disturbing the fan device.

Other objects and advantages will be apparent from the following description when taken in connection with the accompanying drawing.

In the drawing:

Figure 1 is a side elevation of my invention applied to a rocking chair.

Fig. 2 is a rear elevation;

Fig. 3 is an enlarged perspective view of a portion of the rocker and the pitman;

Fig. 4 is a vertical section on the line 4—4 of Fig. 1.

Referring particularly to the accompanying drawing, 10 represents a rocking chair which is equipped with the usual rockers 11. Secured to the floor between the rear ends of the rockers is a base plate 12, and secured to and extending upwardly from this base plate is a standard 13. The upper portion of this standard is offset in a direction away from the back of the chair as clearly shown at 14, and pivotally adjustable on the upper end of this said portion is an arm 15 which has rotatably mounted on this upper end a rotary fan 16 provided with a belt wheel 17. On the lower part of the standard 13 is formed a laterally and downwardly extending arm 18, and extending through the lower end of this arm and the standard is a shaft 19, a crank portion 20 being formed in the shaft between the standard and the arm. Connected to this crank portion is a downwardly extending pitman rod 21, to the lower end of which is secured a ring or loop 22 for embracing engagement with the rear end of one of the rockers of the chair. Secured on the shaft 19, inwardly of the crank portion is a large belt wheel 23, and engaged around this wheel and the upper wheel 17 is a belt 24.

The base 12 may be secured to the floor of a room, or to the floor of a porch at the point desired, and then a rocking chair is placed with its back toward the device, and with the rear end of one of its rockers engaged through the ring or loop 22. Upon a person sitting in the chair and rocking the same, the pitman rod 21 will cause the rotation of the wheel 23 which in turn will drive the fan 16. By means of the adjustable connection of the arm 15 said arm can be moved toward and away from the shaft according to the desire of the occupant. The fan will produce a sufficiently strong current of air to both cool the occupant and keep flies and other insects away.

What is claimed is:

A motor attachment for rocking chair rockers comprising a vertical support adapted to rest upon a foundation adjacent to the rocker, and having an adjustable upper end, a laterally and downwardly extending bearing on said support, a horizontally disposed crank shaft journaled in the support and bearing, a driving wheel on the crank shaft, a pitman connected with the crank of said shaft, a loop removably engaged on one end portion of the rocker and pivotally connected to the pitman, the pivotal axis of the loop being parallel with the axis of the crank shaft, and a driven connection between the driving wheel and a part to be operated when supported on the upper end of the support.

In testimony whereof I affix my signature in the presence of two witnesses.

ALEXANDER SINGER.

Witnesses:

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EDNA M. TOMPKINS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."