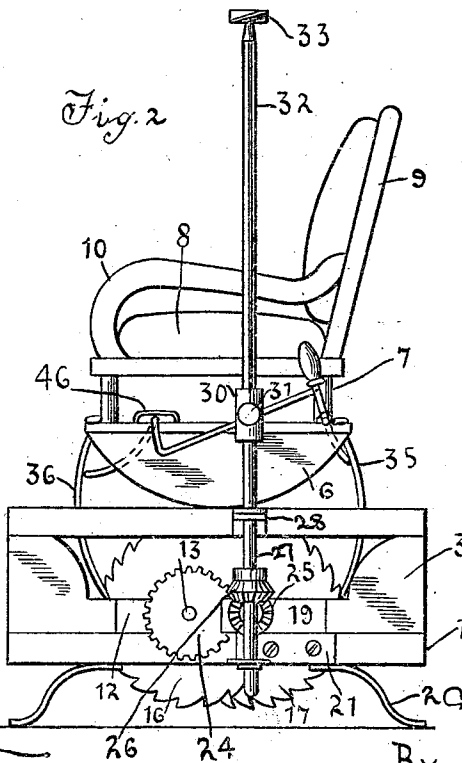
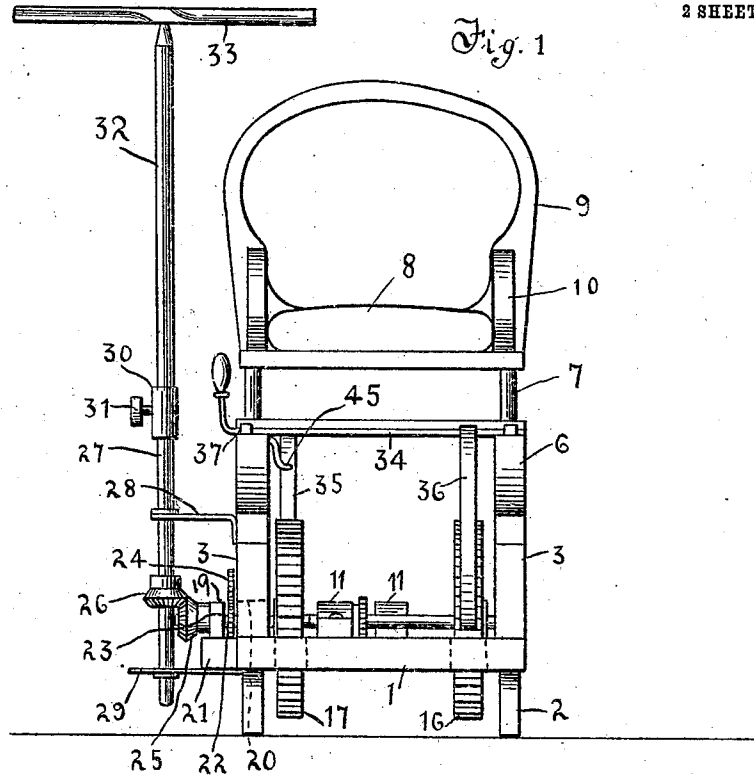


P. PEZZENE.
FAN ATTACHMENT FOR ROCKING CHAIRS.
APPLICATION FILED FEB. 24, 1910.

959,384.

Patented May 24, 1910.

2 SHEETS—SHEET 1.



Witnesses

Edwin Fry

R. H. Butler

Inventor
PETER PEZZENE

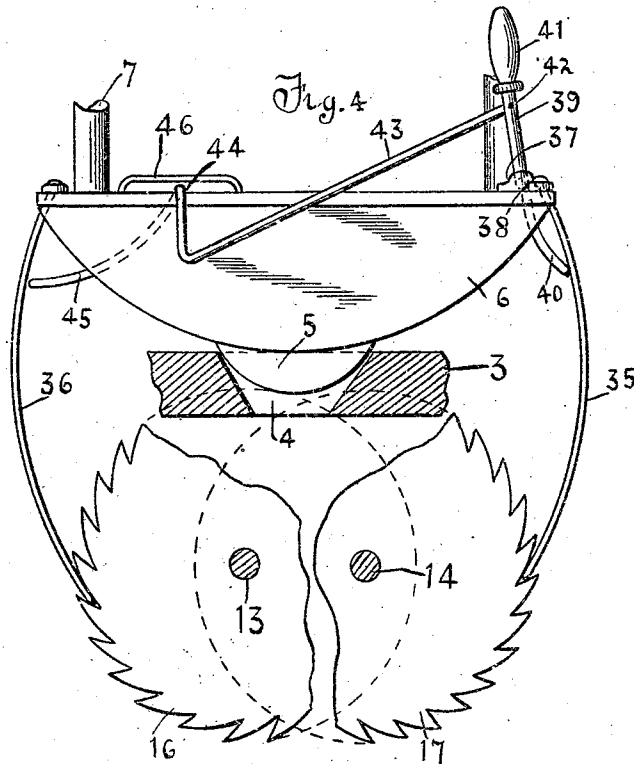
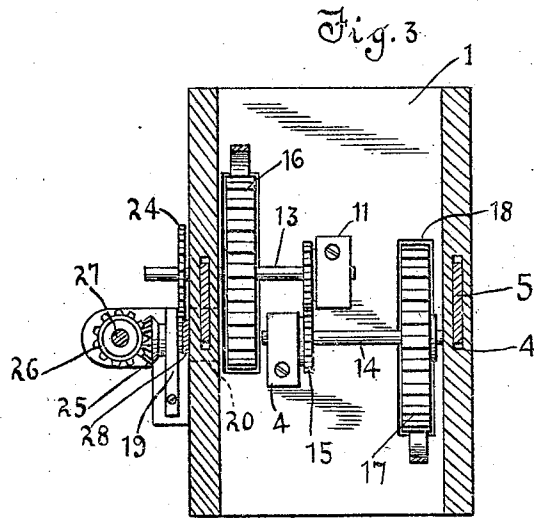
By

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WITNESSES

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UNITED STATES PATENT OFFICE.

PETER PEZZENE, OF CORAOPOLIS, PENNSYLVANIA.

FAN ATTACHMENT FOR ROCKING-CHAIRS.

959,384.

Specification of Letters Patent.

Patented May 24, 1910.

Application filed February 24, 1910. Serial No. 545,587.

To all whom it may concern:

Be it known that I, PETER PEZZENE, a citizen of the United States of America, residing at Coraopolis, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Fan Attachments for Rocking-Chairs, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to fan attachments for rocking chairs, and more particularly to an attachment adapted to be used in connection with a rocker having a stationary base or foundation.

The object of my invention is to provide the base or foundation of a rocker with a novel mechanism adapted by the oscillatory movement of the rocker to impart a rotary movement to a fan, the fan being positioned whereby it will be in proximity to a person using the rocking chair. I attain the above object by providing a double acting ratchet mechanism adapted to continuously rotate a shaft when the ratchet mechanism is actuated by the oscillatory movement of rockers, and in connection with the rockers there is a device for throwing the ratchet mechanism in and out of operation, thereby permitting the occupant of a rocking chair equipped with my improved fan to control the operation of the fan.

My invention will be hereinafter described in detail and then claimed, and reference will now be had to the drawing forming a part of this specification, wherein there is illustrated a preferred embodiment of the invention, but it is to be understood that the structural elements thereof can be varied or changed, as to the size, shape, and manner of assemblage, without departing from the spirit and scope of the invention.

In the drawings: Figure 1 is a front elevation of the fan attachment. Fig. 2 is a side elevation of the same. Fig. 3 is a horizontal sectional view of the base or foundation of a rocking chair, and Fig. 4 is an enlarged side elevation of one of the rockers and a part of the ratchet mechanism.

In the accompanying drawings the reference numeral 1 denotes a base plate supported by suitable legs 2 and mounted upon the base plate 1 at the longitudinal edges thereof are rails 3. These rails intermediate the ends thereof are provided with slots 4

adapted to receive the depending guide flanges 5 of rockers 6, said rockers being provided with legs 7 adapted to support the seat 8, back 9, and arms 10, constituting a chair adapted to be rocked upon the base or foundation comprising the elements 1 to 3 inclusive.

The base plate 1 is provided with bearings 11 and 12 and journaled in said bearings are shafts 13 and 14. Mounted upon the shafts 13 and 14 adjacent to the bearings 11 are gear wheels 15 adapted to mesh with one another, and mounted upon the shafts 13 and 14 adjacent to the bearings 12 are large ratchet wheels 16 and 17, the teeth of the ratchet wheel 17 being the reverse of the teeth of the ratchet wheel 16. The base plate 1 is slotted, as at 18, to provide clearance for these ratchet wheels. The base plate 1 adjacent to the ratchet wheel 16 is provided with additional bearings 19 and 20, the former being supported by a bracket 21 secured to the side of the base plate 1. Journaled in the bearings 19 and 20 is a shaft 22 and mounted upon said shaft between the bearings 19 and 20 is a gear wheel 23 adapted to mesh with a large gear wheel 24 mounted upon the protruding end of the shaft 13. The outer end of the shaft 22 is provided with a beveled gear wheel 25 adapted to mesh with a beveled gear wheel 26 mounted upon the shaft 27, journaled in brackets 28 and 29 carried by the side rail 3. The upper end of the shaft 27 is provided with a socket 30 and detachably mounted in said socket by a set screw 31 or other fastening means is a vertical rod 32 having the upper end thereof provided with a fan 33.

The rockers 6 support transverse rods 34 and pivotally mounted upon said rods adjacent to the rockers 6 are gravity pawls 35 and 36 adapted to engage the ratchet wheels 16 and 17.

The rocker 6 at the right-hand side of the chair is provided with a bearing 37 for a rock-shaft 38 having one end thereof provided with a crank 39 and the opposite end thereof with a depending arm 40 adapted to engage the gravity pawl 35. The crank 39 is provided with a handle 41 and pivotally connected to said crank, as at 42, is a reach-rod 43 having the opposite end thereof bent, as at 44, to engage the upper edge of the rocker 6 and then bent, as at 45, to form an arm adapted to engage the gravity pawl

36. The upper edge of the rocker 6 is provided with a strap 46 to limit the movement of the reach-rod 43. The handle 41 can be easily manipulated by the occupant of the chair to throw the gravity pawls 35 and 36 out of engagement with the ratchet wheels 16 and 17, whereby the rocker can be oscillated without rotating the shafts 13 and 14, consequently the fan will remain inactive until the pawls 35 and 36 are again placed in engagement with the ratchet wheels 16 and 17.

It is thought that the operation of the fan attachment will be fully understood without further description, and I reserve the right to use various types of fans upon the rod 32 and to make the fan actuating mechanism of such a size that it can be attached to the present type of rockers having a stationary base or foundation.

What I claim, is:

1. In a fan attachment for rocking chairs, a base, a rocking chair movably supported by said base, a revoluble shaft supported by said base, a fan attached to said shaft, and a ratchet mechanism adapted to impart a rotary movement to said shaft by an oscillatory movement of said rocking chair, said mechanism including ratchet wheels, gearing adapted to transmit power to said shaft from said ratchet wheels, and alternately operating gravity pawls carried by said rocking chair and adapted to actuate said ratchet wheels.

2. In a fan attachment for rocking chairs, a base, a rocking chair movably supported by said base, a revoluble shaft supported by said base, a fan attached to said shaft, and a ratchet mechanism adapted to impart a rotary movement to said shaft by an oscillatory movement of said rocking chair, said mechanism including ratchet wheels, gearing adapted to transmit power to said shaft from said ratchet wheels and alternately operating gravity pawls carried by said rocking chair and adapted to actuate said ratchet wheels, and means carried by said

rocking chair and adapted to control the operation of said gravity pawls.

3. In a fan attachment for rocking chairs, a base, rails carried by said base, rockers movably mounted upon said rails and adapted to support a chair, depending guide flanges carried by said rockers and adapted to engage in said rails, a revoluble vertical shaft supported by said base, a rod detachably connected to the upper end of said shaft, a fan supported by said rod, a ratchet mechanism adapted to impart a rotary movement to said shaft from an oscillatory movement of said rockers, said mechanism including ratchet wheels, and gearing carried by the base and adapted to transmit a rotary movement to said shaft from said ratchet wheels, and gravity pawls supported by said rockers and adapted to engage said ratchet wheels.

4. In a fan attachment for rocking chairs, a base, rails carried by said base, rockers movably mounted upon said rails and adapted to support a chair, depending guide flanges carried by said rockers and adapted to engage in said rails, a revoluble vertical shaft supported by said base, a rod detachably connected to the upper end of said shaft, a fan supported by said rod, a ratchet mechanism adapted to impart a rotary movement to said shaft from an oscillatory movement of said rockers, said mechanism including ratchet wheels and gearing carried by the base and adapted to transmit a rotary movement to said shaft from said ratchet wheels, gravity pawls supported by said rockers and adapted to engage said ratchet wheels, and means carried by said rockers and adapted to control the operation of said pawls.

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

PETER PEZZENE.

Witnesses:

A. M. DUNLAP,
H. W. WICKENHISER.