J. GAVLAK.

ROCKING CHAIR AND FAN ATTACHMENT.

APPLICATION FILED JULY 20, 1908.

904,947. Patented Nov. 24, 1908.

Fig. 1.

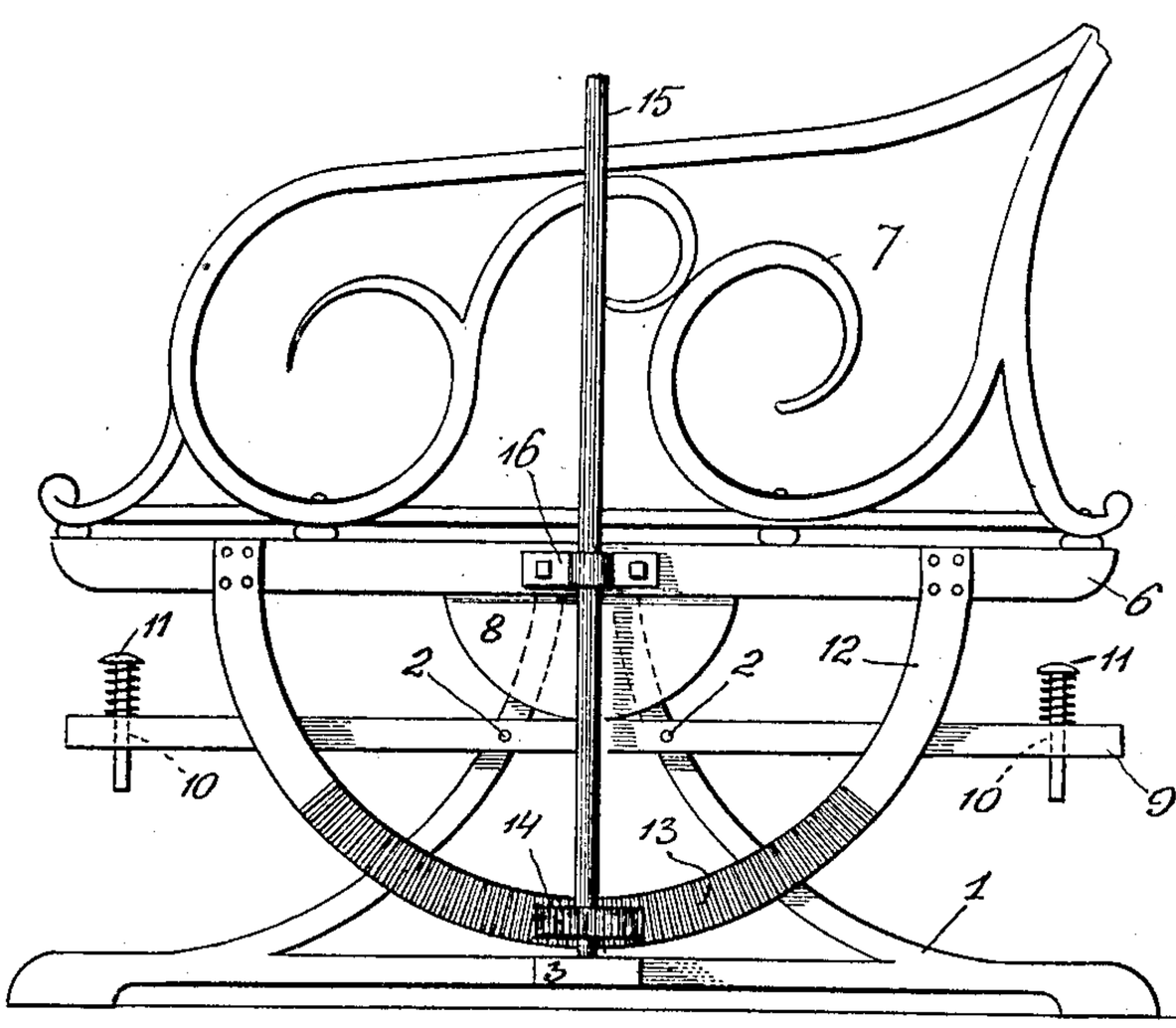


Fig. 2.

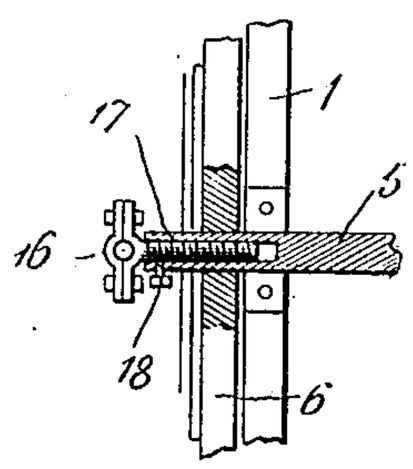


Fig. 3.

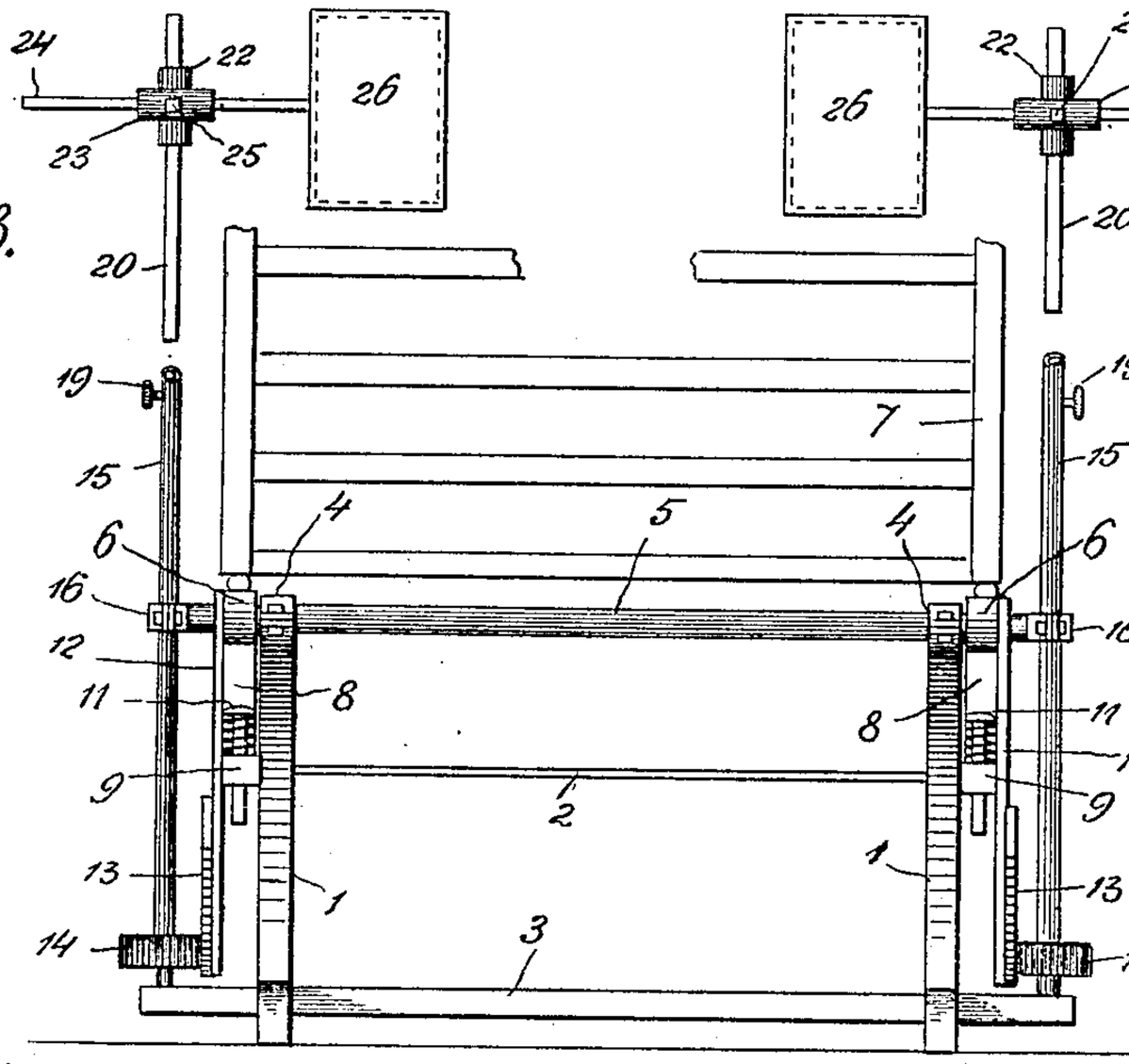
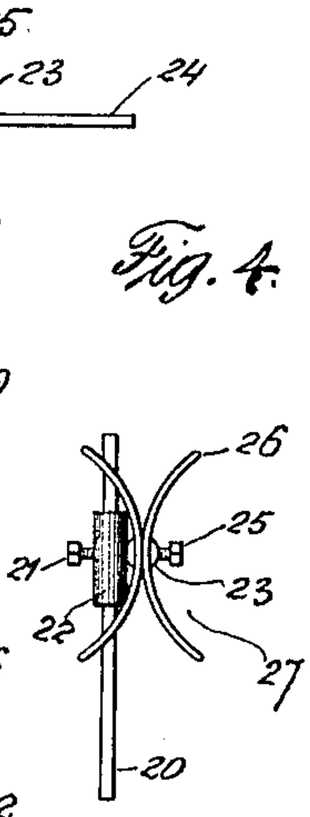


Fig. 4.



Witnesses
A. H. Rabsag,
C. C. Butler

Inventor
J. GAVLAK,
By H. C. Evert & Co.
Attorneys

UNITED STATES PATENT OFFICE.

JOSEF GAVLAK, OF MONONGAHELA, PENNSYLVANIA.

ROCKING-CHAIR AND FAN ATTACHMENT.

No. 904,947. Specification of Letters Patent. Patented Nov. 24, 1908.

Application filed July 20, 1908. Serial No. 444,502.

To all whom it may concern:

Be it known that I, JOSEF GAVLAK, a subject of the King of Hungary, residing at Monongahela city, in the county of Washington and State of Pennsylvania, have invented certain new and useful Improvements in Rocking-Chair and Fan Attachments, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a rocking chair and fan attachment, and the object of my invention is to provide a novel device by which a person will be fanned when rocking in the chair.

The device is particularly designed for a rocking chair constructed in accordance with my invention, and is applicable to that type of rocker having a stationary base.

The invention in its broadest aspect comprehends mechanism for imparting a rotary movement to a fan from the oscillatory movement of a rocker.

The detail construction entering into my invention will be presently described and then specifically pointed out in the appended claims.

Referring to the drawings:—Figure 1 is a side elevation of a portion of a rocker constructed in accordance with my invention, Fig. 2 is a horizontal sectional view of a portion of a rocker illustrating one of the shaft bearings thereof, Fig. 3 is a front elevation of a portion of a rocker, and Fig. 4 is an elevation of one of the fans.

In the accompanying drawings, the reference numeral 1 designates side frames connected by rods 2 and a bar 3, said bar protruding from the outer sides of the frames 1. The frames 1 support bearings 4 for a transverse shaft 5.

Loosely mounted upon the shaft 5 at the outer sides of the frames 1 are the side bars 6 of a chair frame 7, said side bars being provided with depending rockers 8 adapted to rest upon longitudinal rails 9 connected to the frames 1 by the rods 2. The ends of the rails 9 are provided with vertical openings 10 for spring supported pins 11 adapted to cushion the rocking movement of the side bars 6. Connected to the side bars 6 are depending semi-cylindrical rack bars 12, having teeth 13 adapted to mesh with pinions 14, mounted upon vertical tubular shafts 15, journaled upon the protruding ends of the bar 3 and in brackets 16 provided therefor. The brackets 16 are carried by screw bolts 17 adjustably mounted in the ends of the shaft 5, said screw bolts being held in a fixed position by set screws 18.

Adjustably mounted in the tubular shafts by set screws 19 are vertical rods 20, and adjustably held upon said rods by set screws 21 are sleeves 22, these sleeves 22 supporting brackets 23 for adjustable arms 24, said arms being retained in the brackets 23 by set screws 25. In the outer ends of the arms 24 are fixed curved fan blades 26, said blades being arranged to provide air pockets 27 for setting the air in motion in the vicinity of the chair frame, when a rotary movement is imparted to the shafts 15. I reserve the right to place fans and blades upon both ends of the arms 24.

It is obvious that when the chair is rocked, an oscillatory movement will be imparted to the rack bars 12, and a rotary movement imparted to the shafts 15, this movement being reversed at each oscillation or stroke of the chair.

The chair and fan attachment in its entirety is constructed of strong and durable wood and metal and can be made of various sizes.

Having now described my invention what I claim as new, is:—

1. The combination with side frames, a shaft mounted upon said frames, a bar connecting said frames, of a chair frame loosely mounted upon said shaft, longitudinal rails carried by the outer sides of said side frames, depending rockers carried by said chair frame and adapted to engage said longitudinal rails, spring-held pins carried by the ends of said rails for cushioning the movement of said chair frame, vertical tubular shafts revolubly supported by the ends of said bar and from the ends of said shaft, depending racks carried by the sides of said chair frame, pinions mounted upon said tubular shafts for engaging said racks, rods adjustably mounted in said tubular shafts, brackets adjustably supported by said rods, arms adjustably supported by said brackets, and fan blades carried by said frames, substantially as described.

2. The combination with side frames, a shaft mounted upon said frames, a bar connecting said frames, of a chair frame loosely mounted upon said shaft, longitudinal rails carried by the outer sides of said side frames, depending rockers carried by said chair

frame and adapted to engage said longitudinal rails, spring-held pins carried by the ends of said rails for cushioning the movement of said chair frame, vertical tubular shafts revolubly supported by the ends of said bar and from the ends of said shaft, depending racks carried by the sides of said chair frame, pinions mounted upon said tubular shafts for engaging said racks, rods adjustably mounted in said tubular shafts, and fan blades adjustably supported by said rods.

3. The combination with side frames, a shaft mounted upon said frames, a chair frame loosely mounted upon said shaft, longitudinal rails carried by said frames, spring-held pins carried by the ends of said rails for cushioning the movement of said chair frame, vertical tubular shafts arranged at the outer sides of said side frames, rods adjustably mounted in said shafts, fan blades adjustably supported by said rods, and means actuated by an oscillatory movement of said vertical tubular shafts.

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

JOSEF GAVLAK.

Witnesses:
A. H. Rabság,
Max H. Srolovitz.