

No. 730,271.

PATENTED JUNE 9, 1903.

B. KLEIN.
FAN ATTACHMENT.
APPLICATION FILED DEC. 17, 1902.

NO MODEL.

Fig. 1.

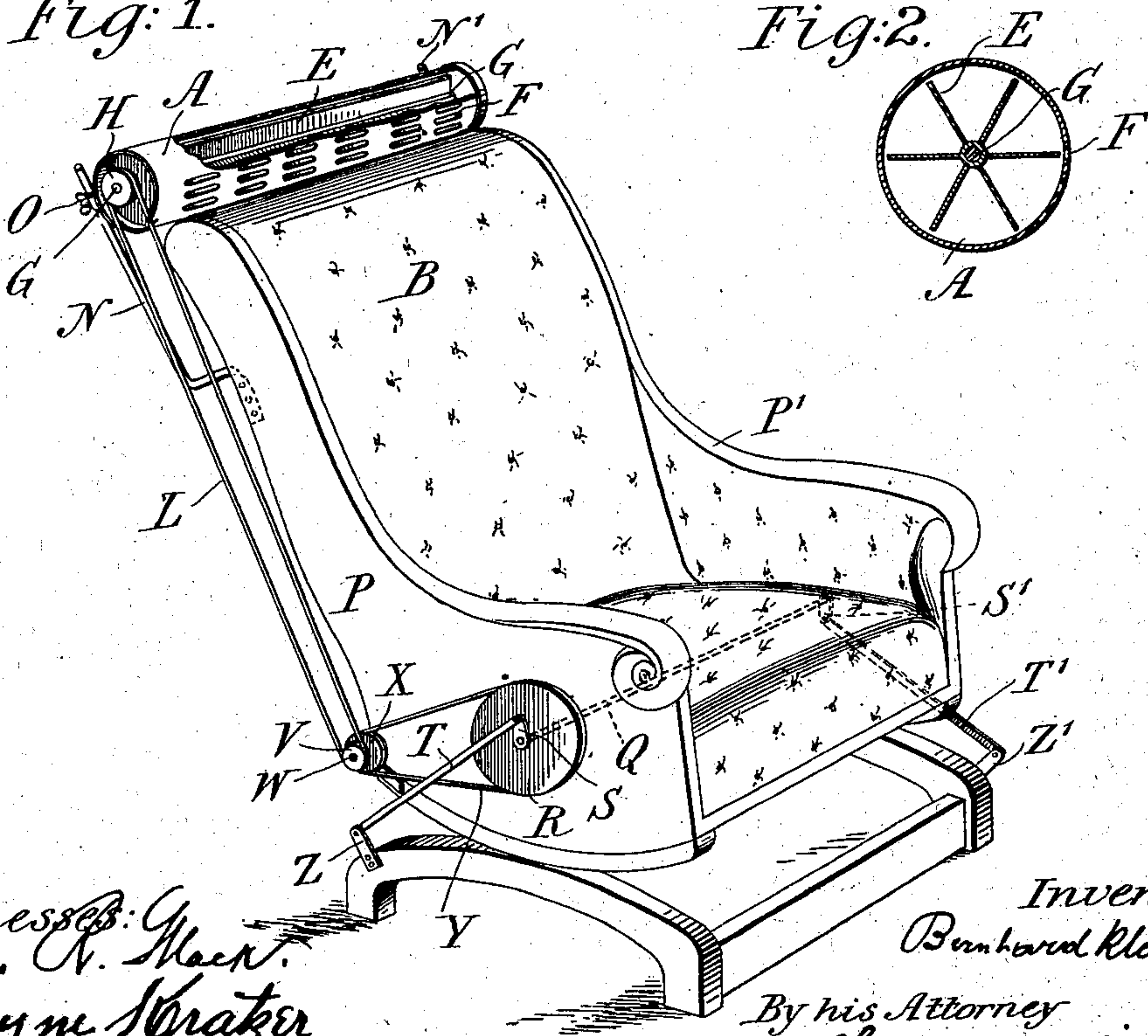
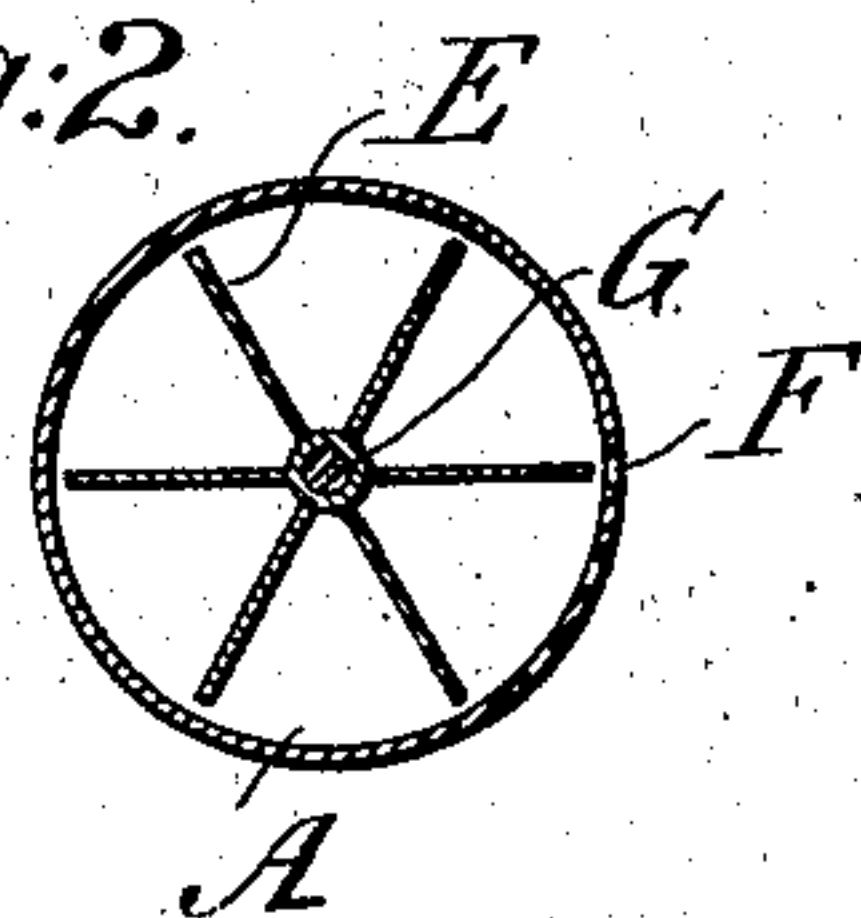


Fig. 2.



Witnesses:
James V. Mack.
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UNITED STATES PATENT OFFICE.

BERNHARD KLEIN, OF NEW YORK, N. Y.

FAN ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 730,271, dated June 9, 1903.

Application filed December 17, 1902. Serial No. 135,518. (No model.)

To all whom it may concern:

Be it known that I, BERNHARD KLEIN, a subject of the Emperor of Austria-Hungary, residing at 253 Second street, borough of New York, city of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Fan Attachments, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in fan attachments, and has for its object to provide an apparatus which may be attached to the back of a rocking-chair or vehicle for the purpose of directing a stream of air upon the occupant.

In the operation of my invention I employ a perforated cylinder containing a fan which may be revolved by a mechanism actuated by the motion of the vehicle.

In the accompanying drawings, Figure 1 shows my invention applied to a rocking-chair. Fig. 2 is a sectional view of the perforated cylinder containing the fan.

A is the perforated cylinder, E the fan within the perforated cylinder, and F represents the perforations through which air is discharged. The fan E is rotated by the pulley H, mounted upon the fan-spindle G.

Referring to Fig. 1, the cylinder A is attached to the brackets N N' by the wing-nut O and when out of use may be lowered at the back of the chair out of the way. Motion is communicated to the fan-pulley H by the strap L, which is driven by the pulley V, mounted upon the spindle W, which is fastened to the side P of the chair. The other pulley X is driven by the strap Y from the

pulley R, mounted on the shaft Q, which is supported beneath the seat and extends beyond the sides P P' of the chair. The ends of the shaft Q terminate in the ends of the cranks S S', which are mounted one hundred and eighty degrees apart, and the other ends of the cranks S S' are connected to the rods T T', which are anchored by the stationary brackets Z Z'. From the arrangement shown it will be seen that at each forward or backward movement of the chair the pulley R, fastened to the shaft Q, will be rotated and the motion of the pulley R will be communicated by the strap Y to the pulleys V and X, the strap L, and the pulley H of the fan, and air will be discharged through the perforations F of the cylinder upon the occupant.

What I claim as new, and desire to secure by Letters Patent, is—

In combination with a rocking-chair, an adjustable fan attachment comprising a fan mounted upon a spindle within a perforated cylinder and a fan-driving pulley upon said spindle, a driving mechanism comprising a shaft mounted beneath the seat of the chair, cranks upon said shaft and connecting-rods between said cranks and the stand or platform of the chair and pulleys on the side of said chair and connecting-straps between said pulleys and the said fan-driving pulley substantially as described and shown.

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

BERNHARD KLEIN.

Witnesses:

JAMES S. THOMPSON,
JAMES R. MACK.