(No Model.)

M. H. RISON.

FAN.

No. 458,068. Patented Aug. 18, 1891.

FIG. 1.

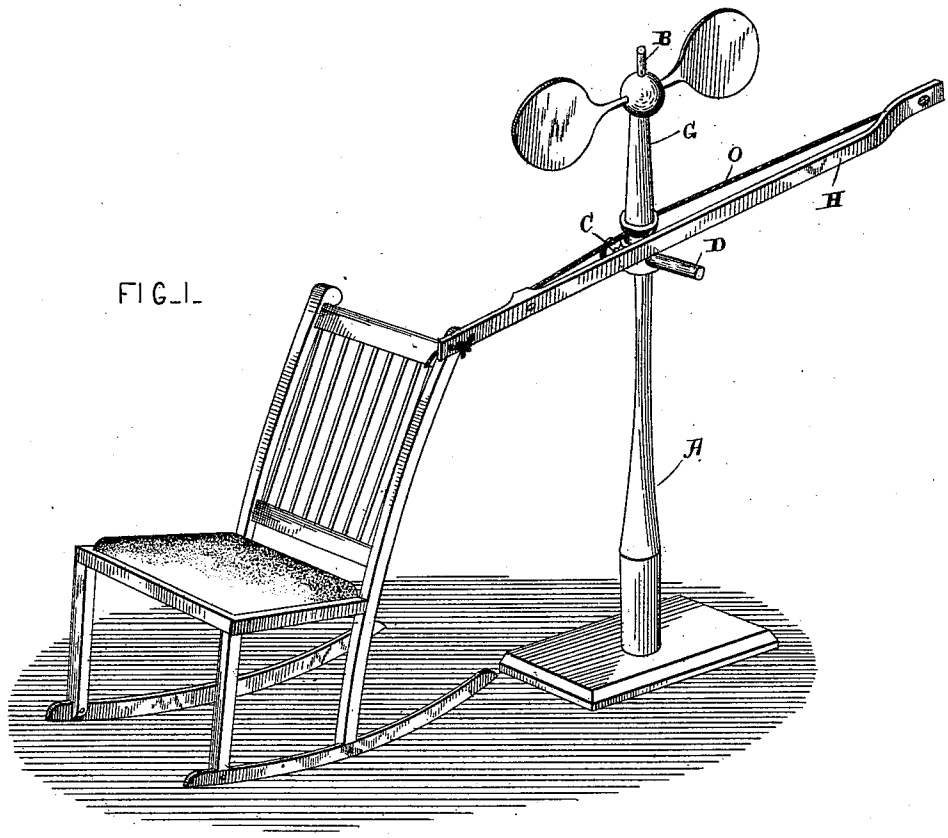
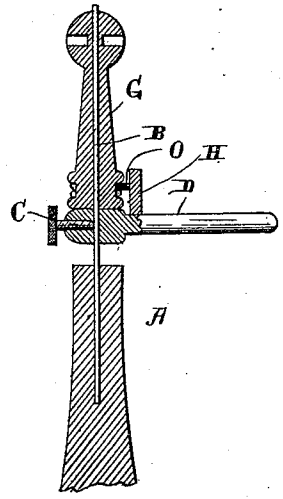


FIG. 2.



WITNESSES.

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SPECIFICATION forming part of Letters Patent No. 458,068, dated August 18, 1891.

Application filed May 22, 1891. Serial No. 393,732. (No model.)

To all whom it may concern:

Be it known that I, MARCELLUS H. RISON, of Paris, in the county of Henry and State of Tennessee, have invented certain new and useful Improvements in Fans; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in fans; and it consists in a standard or support having a rod projecting from its upper end, a vertically-adjustable arm or support placed upon the rod, the fan-shaft, the bow which is secured at one end to a rocking chair, cradle, or other device provided with rockers, and the cord, band, or belt connected to the bow, and which operates the fan, as will be more fully described hereinafter.

The object of my invention is to provide a vertically-adjustable support for the bow and the fan, so that the fan can be raised and lowered at the will of the operator.

Figure 1 is a perspective view of my invention complete. Fig. 2 is a vertical section of the fan-support and the bow connected therewith.

A represents a standard, support, post, or upright of any suitable construction, and from the top of which extends a rod B of any desired length, and upon which the supporting-arm D and the fan G are placed. The supporting-arm is adjusted vertically upon this rod by means of a set-screw C, and forms a support both for the fan and the bow H. By adjusting this arm vertically upon the rod the fan is raised and lowered at the will of the operator, according to the force or amount of air desired. The fan consists of a shaft which has a hole through its center, through which the rod passes, and which has a groove or pulley I, formed upon its lower end, and around which the cord, belt, or chain O of the bow is wrapped one or more times. On the upper end of the shaft any suitable number of blades project, and these blades may be of any size, length, or shape preferred. By raising and lowering this fan upon the rod a greater or less draft of air is caused to strike the person sitting in the chair or the infant in the cradle when the chair or cradle is rocked.

Fastened at one end to a rocking-chair, cradle, or other device provided with rockers, is the bow H, which has the cord, band, or chain attached to it, and which bow is supported entirely at its outer free end by the arm D. As the arm is raised and lowered upon the rod B, carrying the fan with it, the free end of the bow is moved correspondingly. This arm, by supporting the free end of the bow, enables its inner end to be attached loosely to a chair, cradle, or other support which has rockers, and hence the bow can be readily transferred from one article to the other by simply attaching the end of the bow by means of a string, wire, or other fastening device. The string, cord, or band O is fastened to the outer end of the bow, is then wrapped one or more times around the fan-shaft, and then its inner end is passed through the hole S, made in the bow near its inner end and fastened in any suitable manner.

Having thus described my invention, I claim—

In a fan attachment, a vertical support, a rod extending upward from the said support, an arm secured to the said rod and adapted to be adjusted thereon, a fan having a spindle which rests on the said arm and adapted to revolve on the rod, a bow for revolving the fan which rests on the said arm while reciprocating back and forth, and a securing means at the extended end of the bow for attaching the same to a rocking-chair or other vibrating device, the parts being combined to operate substantially as shown and described.

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

MARCELLUS H. RISON.

Witnesses:
JOHN F. ADEN,
G. T. MORRIS.