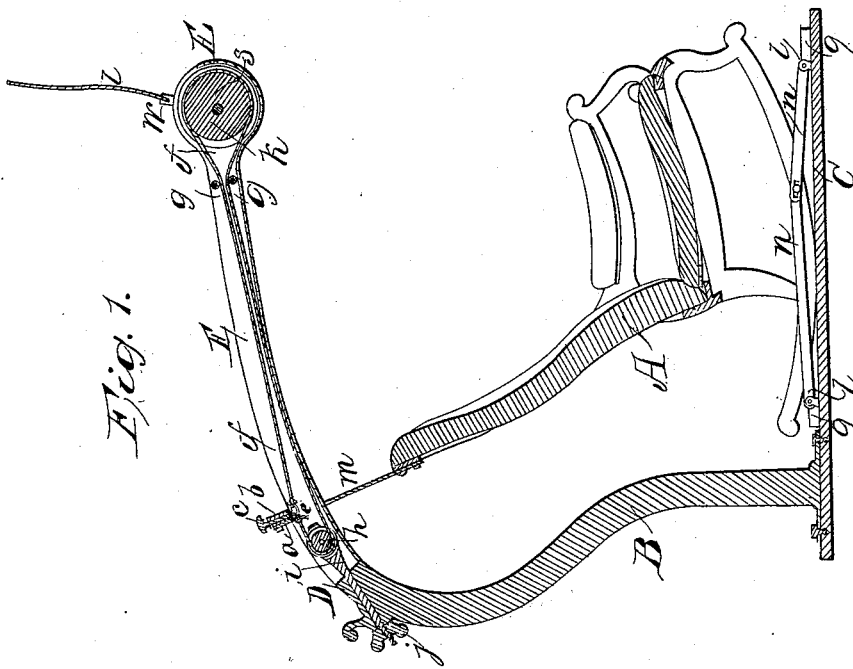
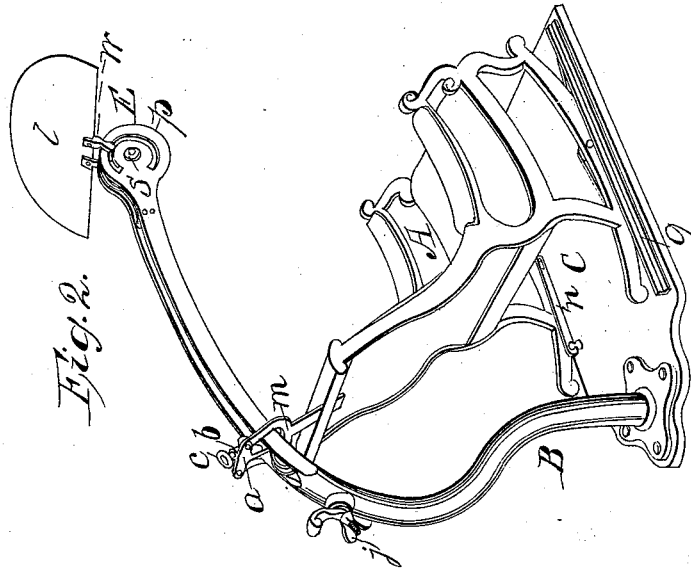


C. HORST.
ROCKING CHAIR AND FAN.

No. 5,231.

Patented Aug. 7, 1847.



UNITED STATES PATENT OFFICE.

CHARLES HORST, OF NEW ORLEANS, LOUISIANA.

IMPROVEMENT IN COMBINING A ROCKING-CHAIR AND FAN.

Specification forming part of Letters Patent No. 5,231, dated August 7, 1847.

To all whom it may concern:

Be it known that I, CHARLES HORST, of the city of New Orleans, in the State of Louisiana, have invented a new and useful piece of furniture, formed by the combination of a rocking-chair and fan; and I do hereby declare the following to be a full, clear, and exact description of its construction and operation, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a central vertical section, and Fig. 2 is a perspective view.

Similar letters refer to corresponding parts in both figures.

The nature of my invention consists in combining a fan with a rocking-chair in such a manner that a person seated in the chair can operate the fan by simply vibrating the chair back and forth upon its rockers, and can thereby, with a very slight exertion, agitate the air to any extent that comfort may require.

The rocking-chair A, constructed of the usual form and proportions, is placed upon and confined to a platform, C, in the following manner: On each side of the platform there are secured the guiding-plates *g g*, between which the rockers of the chair are placed, and are thus prevented from lateral movement. The chair is prevented from slipping to the front or rear while subjected to a rocking motion by means of the vibrating plates *n n*, which confine the rockers to the platform, their inner ends being secured to the inner sides of the rockers a short distance in front of the centers of the same by joint-pins, and their outer ends to the short standards *t t*, placed near each end of the guiding-plates *g g*. There are slots in the vibrating plates *n n*, through which the joint-pins pass that secure them to the rockers, thereby permitting sufficient play of the inner ends of the vibrating plates on the joint-pins for the chair to be freely vibrated on its rockers. At the rear end of the platform C there is bolted a standard, B, rising at the rear of the rocking-chair. The standard B rises vertically a distance equal to the height of the seat of the chair. It then curves a short distance to the rear, and then, curving upward and forward over the back of the chair, extends to a point directly over the center of the front end of the platform. From its base to D the standard may be solid or tubular. At D it is divided into the two curved parallel plates F F, which

extend forward over the platform and terminate in the circular heads E E. The curve of the plates F F is the arc of a circle, the radius of which, extended from their centers, would pass through the center of the seat of the chair. Curved slots *p p* are formed opposite to each other in the heads E E. Between the heads E E there is placed a grooved pulley, *k*, secured to the same by its axle *s*. Pins project from the pulley *k* through the slots *p p*, to the extremities of which are secured the arms or holders *w w*, to which the fan *l* is attached.

The back of the chair is connected to the fan *l* and imparts motion to it, when the chair is vibrated, as follows: A regulating-screw, *i*, passes from between the back ends of the plates F F to the rear out through an aperture in the standard B. *h* is a grooved pulley secured in a mortise in the front end of the regulating-screw *i*. *f* is a band passing around and connecting the pulleys *h* and *k*. *m* is an attachment made fast to the top of the back of the rocking-chair, the upper portion of which is in the form of a lyre, and embraces the curved standard-plates F F. *a* is the cap-piece of the attachment *m*, to the center of which is secured the vertical tube *b*, descending between the plates F F. A bolt, *d*, passes up through the tube *b*, to the top of which is screwed the nut *c*. *e* is an eye at the lower end of the bolt *d*, to which the ends of the band *f* are made fast. *j* is a nut on the regulating-screw *i* for tightening the band *f*. *g g* are friction-rollers just in the rear of the pulley *k*, between which the band *f* passes, and is thus caused to embrace a larger portion of the pulley *k*. The fan *l* is so arranged that it stands vertically over the heads E E when the chair stands in a natural position. When the person seated in the chair throws himself and the chair forward, the forward movement of the attachment *m* acting on the band *f* causes the pulley *k* to revolve, throwing the fan forward and under the heads E E, thereby throwing a puff of air to the rear into the face of the person seated in the chair, imparting a refreshing coolness, and at the same time dispelling those horrible pests of the south, mosquitoes. When the chair is thrown back, the fan is elevated again, and thus the operation of rendering one's self comfortable in a hot and sultry climate is continued by the pleasant recreation of rocking one's self in a chair.

The standard B may be constructed with an adjustable hinge at D, if deemed expedient, or may be varied in any other particular that convenience may require in its construction and in the manner of securing the standard to the platform. The fan also may be placed in a different location, or more than one fan may be made use of, if thought advisable.

My invention consists in the combination of a rocking-chair and fan in such a manner that the movement of the chair upon its rockers will operate the fan.

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

The combination of a rocking-chair and fan in such a manner that the movement of the chair upon its rockers will operate the fan, substantially as herein set forth.

CHAS. HORST.

Witnesses:

H. RARESHIDE,
ROBT. KELLETT.