C. E. RUSET.

FAN ATTACHMENTS FOR ROCKING-CHAIRS.

No. 193,184. Patented July 17, 1877.

Fig 1.

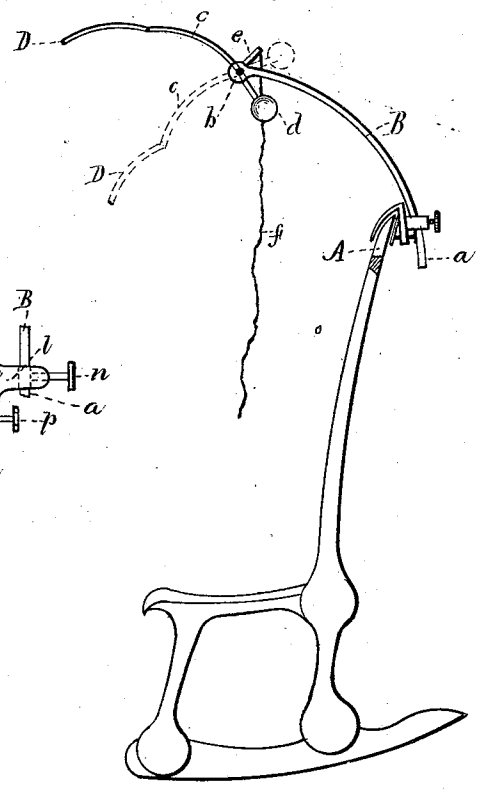


Fig 2.

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IMPROVEMENT IN FAN ATTACHMENTS FOR ROCKING-CHAIRS.

Specification forming part of Letters Patent No. **193,184**, dated July 17, 1877; application filed May 5, 1877.

To all whom it may concern:

Be it known that I, CHARLES F. RUSET, of the city of Brooklyn, county of Kings, and State of New York, have invented certain new and useful Improvements in Fan Attachments, of which improvement the following is a specification:

This invention relates particularly to that class of fan attachments designed to be used with rocking-chairs, and is arranged to operate automatically by motion of the chair, and by the hand and foot when the chair is at rest.

It consists in a peculiar arrangement of parts, by means of which the rod or frame carrying the fan is made so as to vary the height of the fan, as well as its position to the right or left, the fan and its arm being so pivoted to the frame and provided with a counterpoise that the slighest motion of the chair causes it to swing.

It also consists in a peculiarly-arranged clamp, by means of which the apparatus is secured in place on the chair-back, so formed that no injury of the wood can take place, all of which will hereinafter be more fully described and pointed out.

In the drawings which form a part of this specification, Figure 1 is a side elevation of a rocking-chair to which my invention is applied, and Fig. 2 is an enlarged detached view of the clamping device.

Similar letters of reference in the two figures of the drawings will locate corresponding parts.

The chair to which the apparatus is to be applied may be of any of the usual forms of rocking-chairs, substantially as shown in the drawings.

A represents the cross-piece usually forming the apex of the chair-back, or the apex of a chair-back of any style of construction, and to which the fan attachment is to be secured. B is the rod or support to which the fan, its arm, and counterpoise are hung. Its shape may be round or angular, as may be deemed best for each particular purpose, its form lengthwise being curved substantially as in the drawings, and according to circumstances. Its base *a* passes through a hole corresponding to its shape in the clamping device, as will presently be explained, and is secured thereto. The apex of this arm is bifurcated, the arms *b* of which are shaped properly in order to receive a cross-shaft, upon which is mounted the arm *c* of fan D. The arm *c*, at its base, is provided with a suitable counterpoise-weight, *d*, and at the forward end thereof the fan D (of any desired form) is attached. The fan D, counterpoise *d*, and the position of the shaft upon which they are hung are so located upon the arm *c* as to give the fan a surplus of the weight and keep it down, such surplusage of weight being so slight, however, that the least motion of the chair will restore the equilibrium, and cause the fan to oscillate.

A short arm, *e*, is attached to the end of the shaft on which the fan-arm *c* is hung, and to this short arm a cord, *f*, is attached and depends, so that it may be readily grasped by the occupant of the chair, and the fan operated thereby when the chair is at rest.

The clamping apparatus and its shape is shown best in Fig. 2, its body *h* having an arm, *i*, which projects forward, as shown, forming a recess, *k*, which conforms substantially to the apex of the chair-back. From the rear of the body *h* an arm, *l*, projects, and through this arm the base *a* of the rod-frame B is passed, and is adjusted up and down, and secured therein at any desired point by means of set-screw *n*. A tongue, *o*, is inserted in the recess *k*, and pivoted at its upper end to the body *h*, so that it may swing in such recess. Two set-screws, *p*, (or one only,) are inserted through the base of the body *h* and press against the tongue *o*. This clamp is applied to the chair-back, which enters the recess *k*. The set-screws are then operated, and force the tongue *o* against the chair-back, and thus secure the clamp firmly thereon, the tongue *o* preventing the screws from injuring the chair-back.

It is obvious that the position of the arm B in the arm *l* of the clamping apparatus

may be adjusted at any position to the right or left, as well as in the perpendicular position, that may be wished for.

I claim—

A fan attachment for chairs, consisting of the adjustable bifurcated arm B, swinging arm *c*, carrying fan D and counterpoise *d*, and clamping device *h*, provided with clamping-tongue *o* and set-screws *p*, and adjusting set-screw *n*, the whole arranged to operate as and for the purposes as herein shown and set forth.

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