

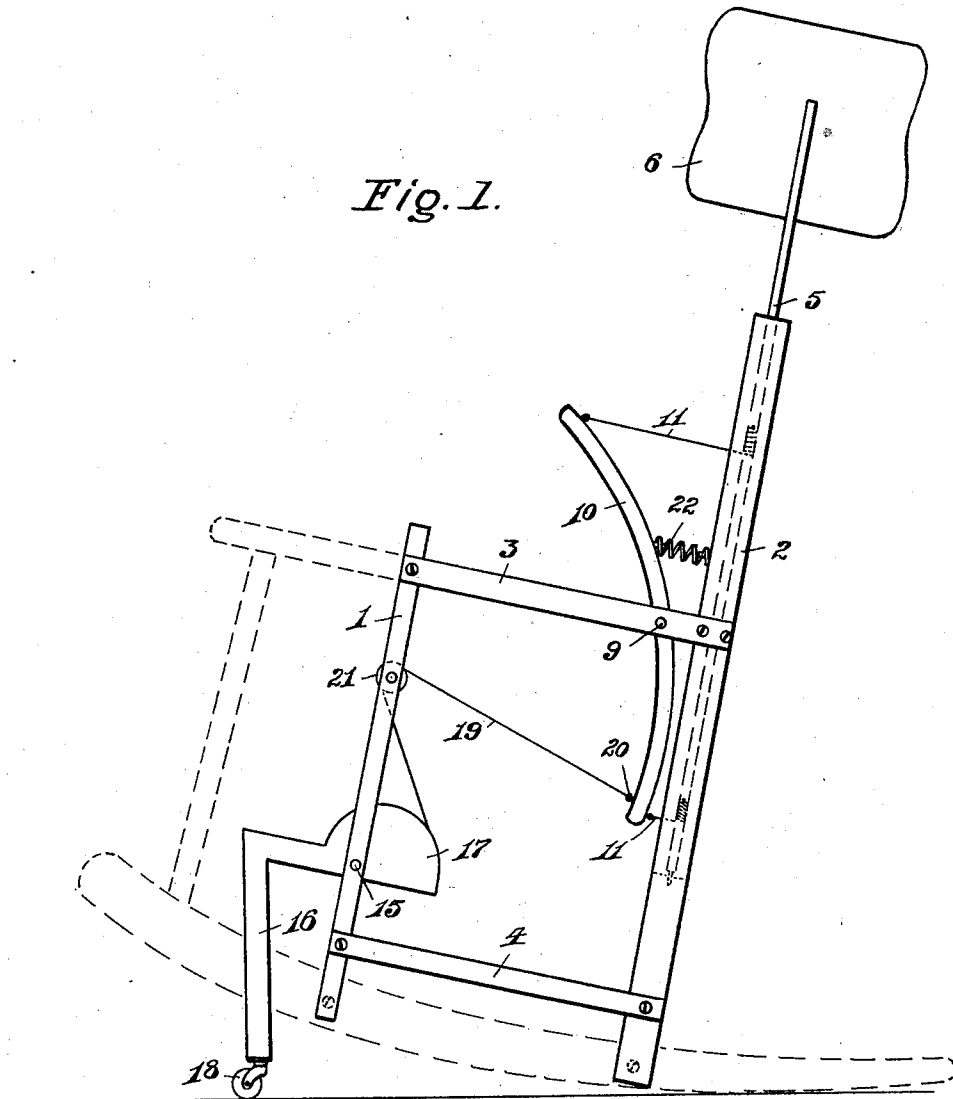
S. STÉH.
FAN ATTACHMENT FOR ROCKING CHAIRS.
APPLICATION FILED MAY 20, 1912.

1,058,918.

Patented Apr. 15, 1913.

2 SHEETS—SHEET 1.

Fig. 1.



Witnesses:
Stammach
L. W. Cook.

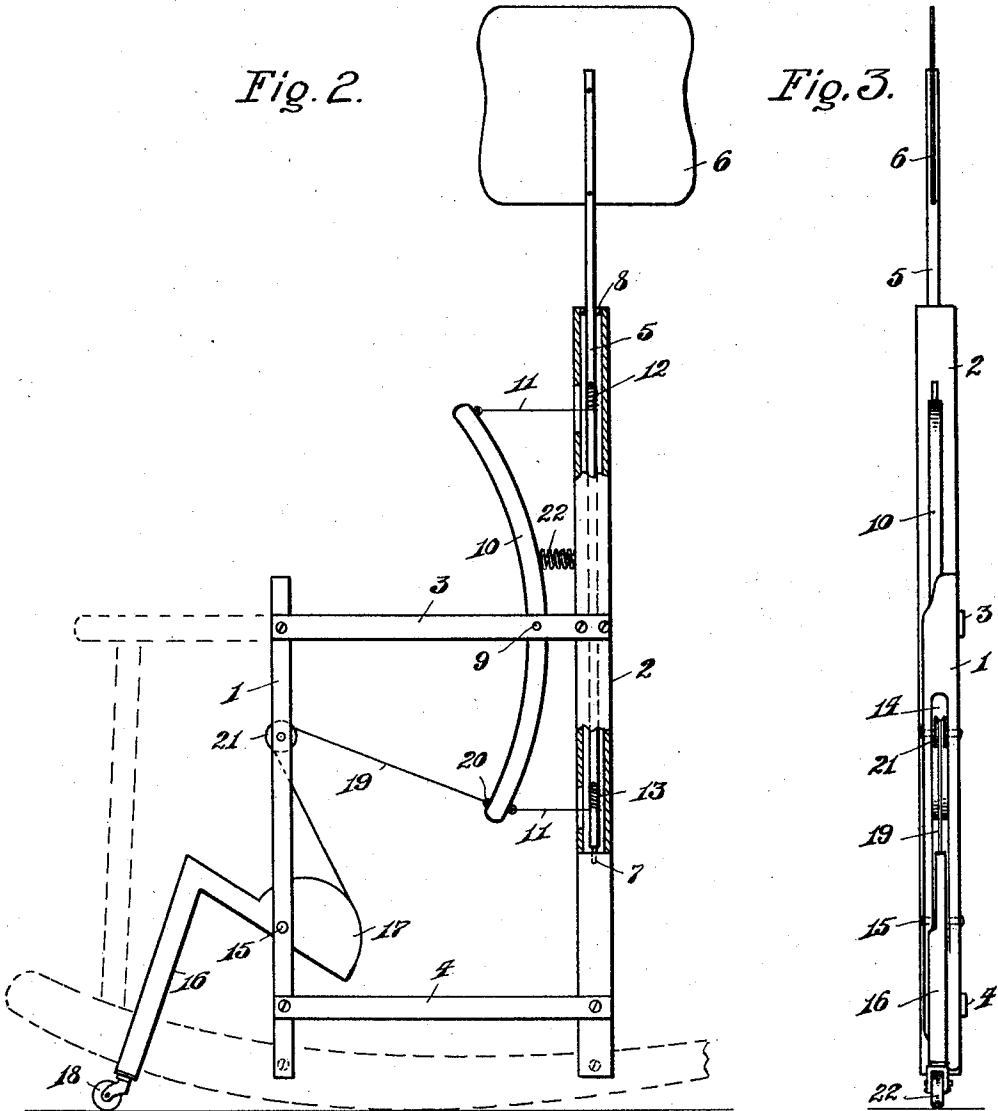
STÉPHEN STÉH.
INVENTOR.
BY *George J. Ottach.*
ATTORNEY.

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Witnesses:
James Schmitt
L. W. Cook.

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UNITED STATES PATENT OFFICE.

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FAN ATTACHMENT FOR ROCKING-CHAIRS.

1,058,918.

Specification of Letters Patent.

Patented Apr. 15, 1913.

Application filed May 20, 1912. Serial No. 698,566.

To all whom it may concern:

Be it known that I, STÉPHEN STÉH, a subject of Hungary, residing at South Bend, in the county of St. Joseph and State of Indiana, have invented certain new and useful Improvements in Fan Attachments for Rocking-Chairs, of which the following is a specification.

The object of the invention resides in the provision of a new and improved fan attachment for rocking chairs, which is so arranged and constructed that the device may be easily and readily attached or detached as a whole, and which is simple and durable in construction, and operated by the oscillations of the rocking chair without much exertion on the part of the occupant.

The invention consists in certain novel features of construction and in combinations of parts more fully and particularly described hereinafter and pointed out in the claims.

Reference is to be had to the accompanying drawings, in which the preferred embodiment of my invention is shown, and in which similar reference characters indicate corresponding parts in the several figures.

Figure 1 represents a side elevation of a rocking chair in dotted lines with my fan attached in full lines, Fig. 2 is a similar view in a different position, and Fig. 3 is an end view of my attachment when in the position shown in Fig. 2.

My entire fan attachment is so constructed and arranged that the same as a whole may be applied to the side of a rocking chair, either by means of screws as shown, or by the use of any other convenient means, and for the purpose of more clearly showing its mode of operation by the oscillations of the rocker, and to easily distinguish the latter from the attachment, so much only of the chair is shown by means of dotted lines as is necessary for the purpose.

All parts of the device are mounted upon a frame consisting of the upright members 1 and 2, and the cross bars 3 and 4, all parts of which are rigidly connected together in any suitable manner. The rear frame member 2 is preferably formed hollow, within which the greater portion of the length of a fan-shaft 5 is mounted, and to the upper projecting end of which a fan 6 is attached, the lower end of the shaft being provided with a bearing pin 7 resting in a socket (not

shown) and passing through a bearing plate 8 on the upper end of the frame member.

Pivoted intermediate its ends to the cross-bar 3, by means of a pivot 9, is a double lever 10, the opposite ends of which are connected with the fan shaft by means of flexible cords 11, the ends of which are wound in relatively opposite directions upon the fan shaft, as indicated at 12 and 13, so that upon operation of the lever 10 the shaft will be alternately revolved in opposite directions.

Extending through a slot 14 in the frame member 1, and mounted on a pivot pin 15 extending therethrough, is an angular lever 16, provided with a cam 17, the lower end of which lever is provided with a roller 18. The lower end of the double lever is connected with the cam by a flexible cord 19 attached at 20 to said lever, thence passing over a sheave pulley 21 mounted in the slot 14 and its opposite end connected to the lower end of the cam.

In the operation of the device, when the chair is rocked forwardly, the lever 16 by its contact with the floor, causes the cam portion thereof to exert traction on the cord 19 and rocks the lower end of the lever 10 forwardly, which in turn causes the fan-shaft upon which the fan is mounted to be revolved, the swinging of the lever at the same time compressing a coil spring 22, interposed between the same and the frame member 2 above its pivotal point. As the chair rocks in the opposite direction, the flexible connections between the cam-lever and the fan-shaft are slackened, thus permitting the lever 10 to be rocked under the influence of the spring and the fan shaft revolved in the opposite direction, thus providing a nearly continuous operation of the fan.

Having thus described my invention, what is claimed is:—

1. A fan attachment for rocking chairs comprising a vertical supporting frame, a vertical fan-shaft mounted thereon, a double lever fulcrumed on the frame adjacent the fan-shaft and actuated in a vertical plane, flexible means connecting the lever ends with the fan-shaft and wound on the latter in opposite directions, a cam lever operatively connected with one end of the double lever and actuated in a vertical plane by the rocking of the chair, and yielding means for actuating said double lever in one

direction, whereby all operative parts are disposed in substantially the same vertical plane to form a narrow, flat-like, unitary structure.

- 5 2. A fan attachment for rocking chairs comprising a supporting frame, a fan shaft mounted thereon, a fan on the shaft, a double lever fulcrumed on the frame, flexible means connecting the lever ends with said
10 shaft and wound thereon in opposite directions, a cam-lever mounted on the lower end of the frame, a sheave journaled in the frame above said cam-lever, a flexible cord
15 attached at one end to the cam-lever passing over said sheave and attached at its opposite end to the lower end of the double lever, and a spring interposed between said frame and the upper portion of the double lever for actuating the latter in one direction.
- 20 3. A fan attachment for rocking chairs

comprising a supporting frame, a fan shaft mounted thereon, a fan on the shaft, a double lever fulcrumed on the frame, flexible means connecting the ends of the double lever with said shaft and wound thereon in
25 opposite directions, a cam-lever actuated by the rocking of the chair, means operatively connecting said cam-lever with one end of said double lever, and means having connection with the other end of said double
30 lever for actuating the latter in one direction.

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

STÉPHEN STÉH.

Witnesses:

GEORGE OLTSCHE,
DAN PYLE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."