

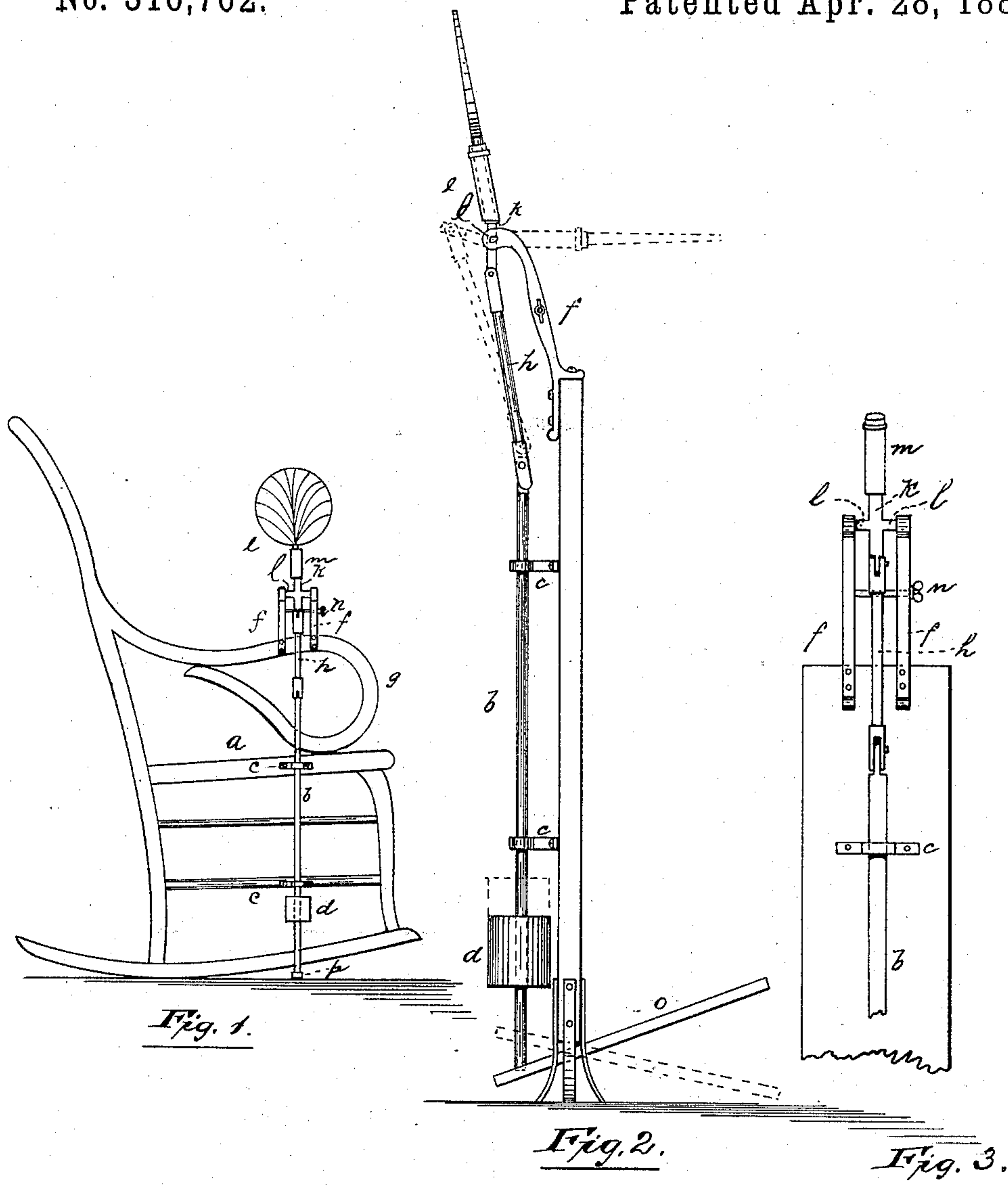
(No Model.)

J. ENGEL.

FAN ATTACHMENT FOR ROCKING CHAIRS.

No. 316,762.

Patented Apr. 28, 1885.



Attest:

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UNITED STATES PATENT OFFICE.

JOHANNES ENGEL, OF NEWARK, NEW JERSEY.

FAN ATTACHMENT FOR ROCKING-CHAIRS.

SPECIFICATION forming part of Letters Patent No. 316,762, dated April 28, 1885.

Application filed May 3, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOHANNES ENGEL, a citizen of the German Empire, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Fan Attachments for Rocking-Chairs; 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 appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to provide a convenient fanning device to be operated more especially in connection with a rocking-chair.

It consists in the arrangements and combinations of parts, substantially as will be hereinafter set forth, and finally embodied in the clauses of the claim.

Referring to the accompanying drawings, in which similar letters of reference indicate like parts in each of the several figures, Figure 1 is a side elevation of a chair having my improvements thereon, showing said improvements in front elevation. Fig. 2 is a side view of the fanning device applied to a standard, and Fig. 3 is a front view of the upper portion of the said device.

In said drawings, *a* is a rocking-chair or other standard to which the attachment may be applied, and *b* is a vertically-sliding bar held by brackets *c c*. Said bar is weighted near its lower end, so as to be caused to rest automatically upon the floor, as in Fig. 1, or upon any other surface or part, as, for example, in Fig. 2. The weight is lettered *d*.

A fan-holder, *e*, is pivoted upon the bearing-arms *f*, secured upon the arm *g* of the chair, and extending over the line of the bar *b*. Said holder is connected with the said bar *b* by the rod *h*. Said holder consists of the shank *k*, having journals *l l* extending laterally therefrom, and a tubular fan-handle receptacle, *m*.

The overhanging arms *f* may be held together by a suitable connecting-bolt, *n*.

In operation, the device being secured to the chair as in Fig. 1, by rocking said chair forward, the bar *b* is thrown up, causing the connecting-rod and holder to assume the positions shown in Fig. 2. The fan being caused to make a sweep sets the air in circulation in front of the occupant of said chair. In the backward movement of the chair the weight operates automatically to hold the rod against the floor. Thus the reciprocal movement of the chair operates to actuate the fan reciprocally and without any extraordinary exertion on the part of the occupant.

The device may be operated by the foot, as in Fig. 2, a lever, *o*, or pedal in this case being provided for the purpose.

The lower extremity of the rod *b* may be tipped with rubber, as at *p*, to prevent wear on the carpet.

Having thus described the invention, what I claim as new is—

1. In a fan attachment for a rocking-chair, the combination, with the bearing-arms *f f*, adapted to be affixed to the chair, of a fan-holder pivoted on said arms, a connecting-rod, *h*, and a bar, *b*, adapted to move vertically and engage the floor and actuate the fan, substantially as and for the purposes set forth.

2. The combination, with the rocking-chair *a*, having brackets *c c f f* secured thereto, of the bar *b*, having weight *d* near its lower end, and rubber tip *p*, shank *k*, having journals *l l* between the brackets *f f*, the connecting-rod *h*, and the tubular receptacle *m*, adapted to hold a fan, all said parts being arranged and operating substantially as and for the purposes set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 9th day of April, 1884.

JOHANNES ENGEL.

Witnesses:

CHARLES H. PELL,
F. F. CAMPBELL.