

(No Model.)

2 Sheets—Sheet 1.

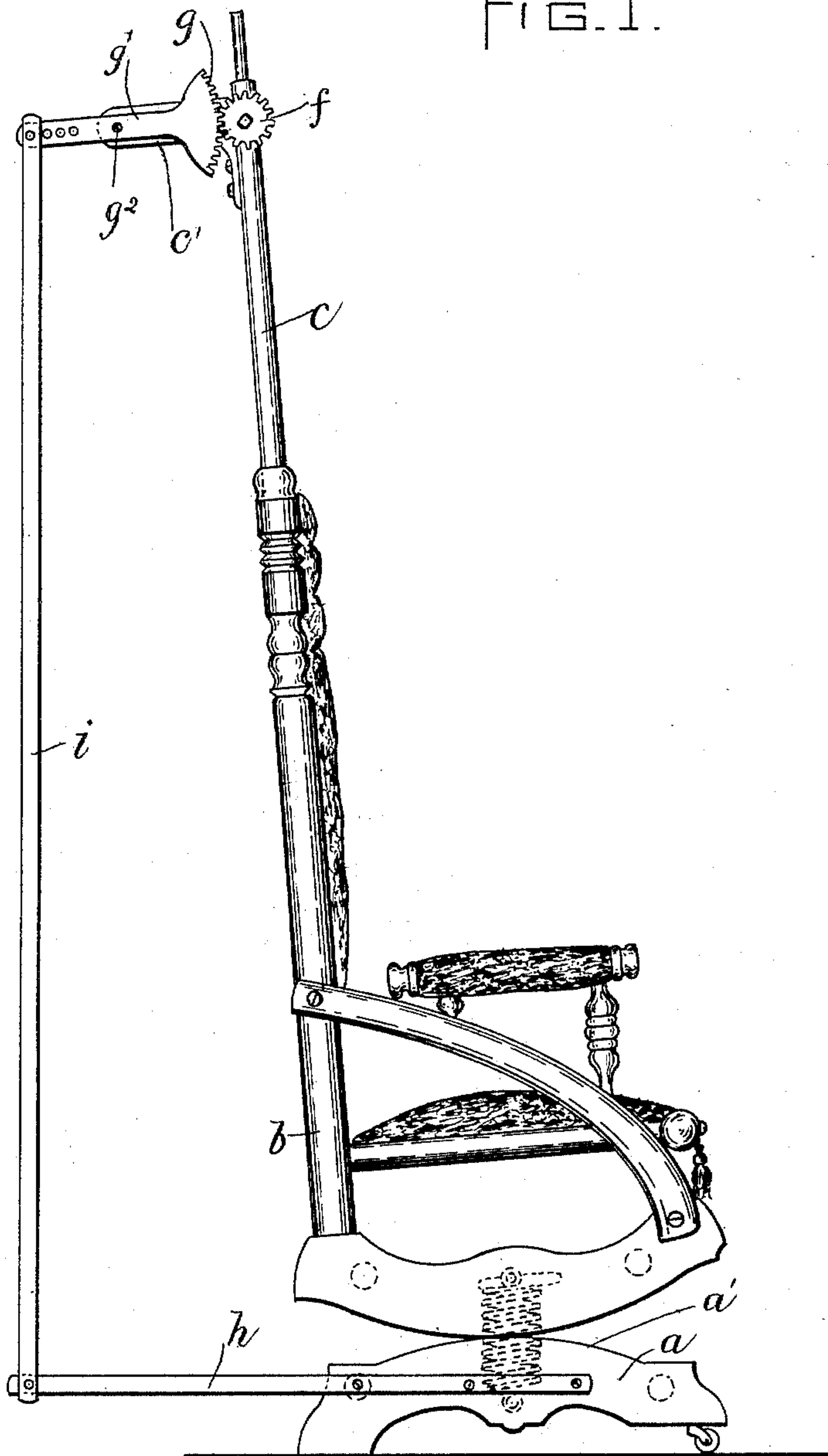
W. H. SWIFT.

FAN ATTACHMENT FOR CHAIRS, CRIBS, &c.

No. 468,090.

Patented Feb. 2, 1892.

FIG. 1.



WITNESSES:

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(No Model.)

2 Sheets—Sheet 2.

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FIG. 2.

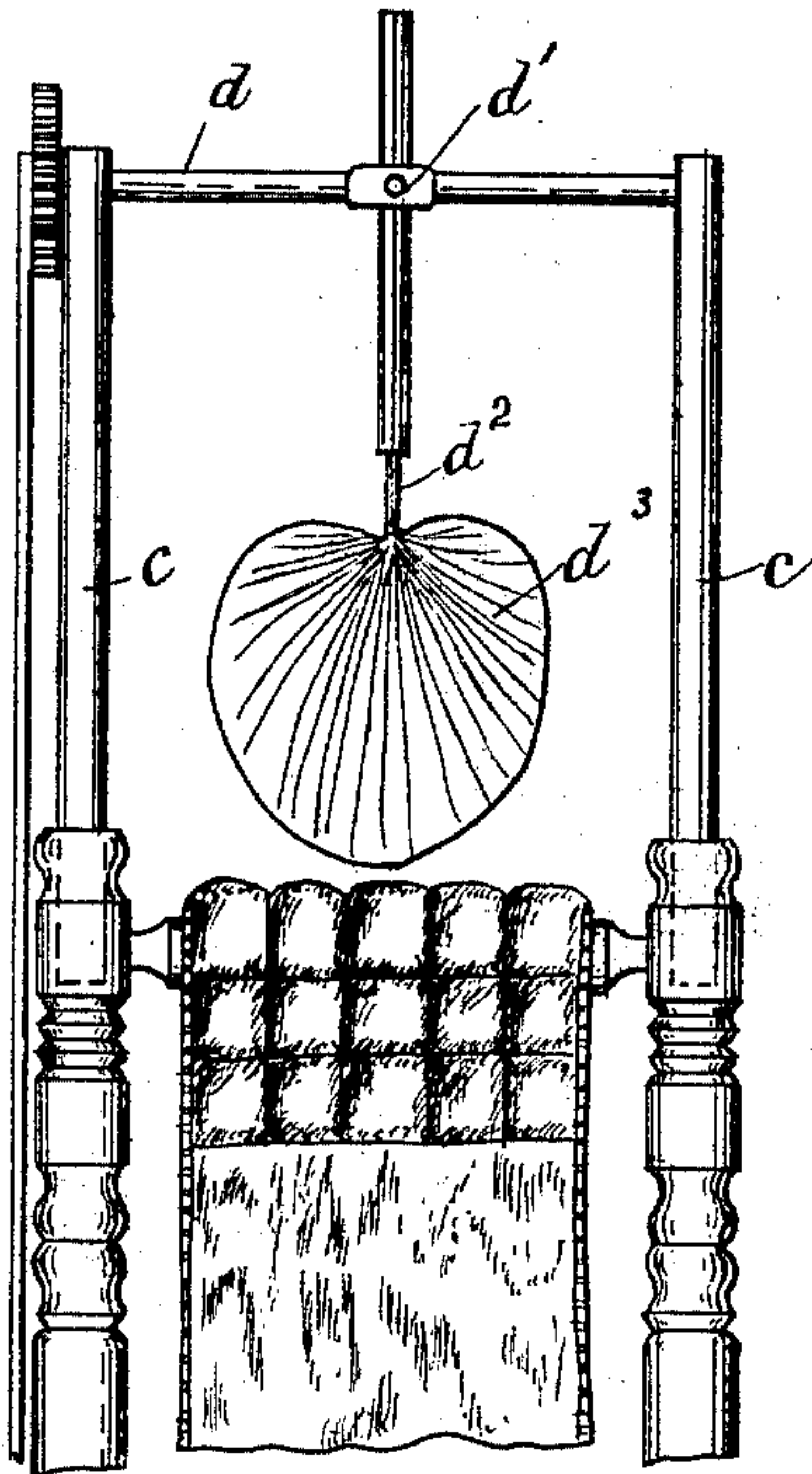


FIG. 5.

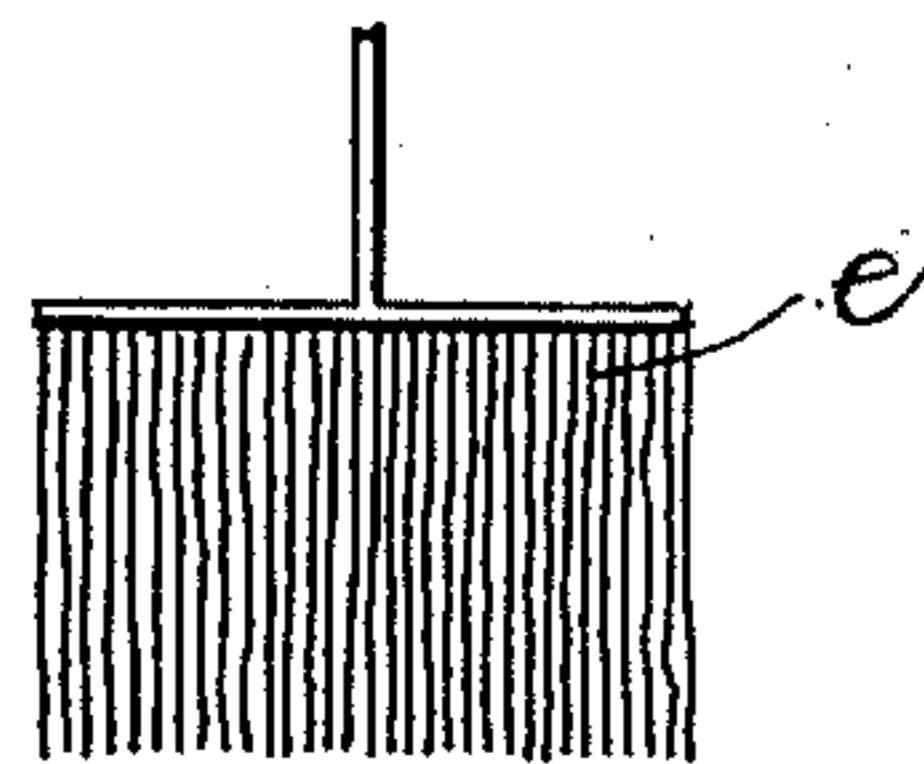


FIG. 3.

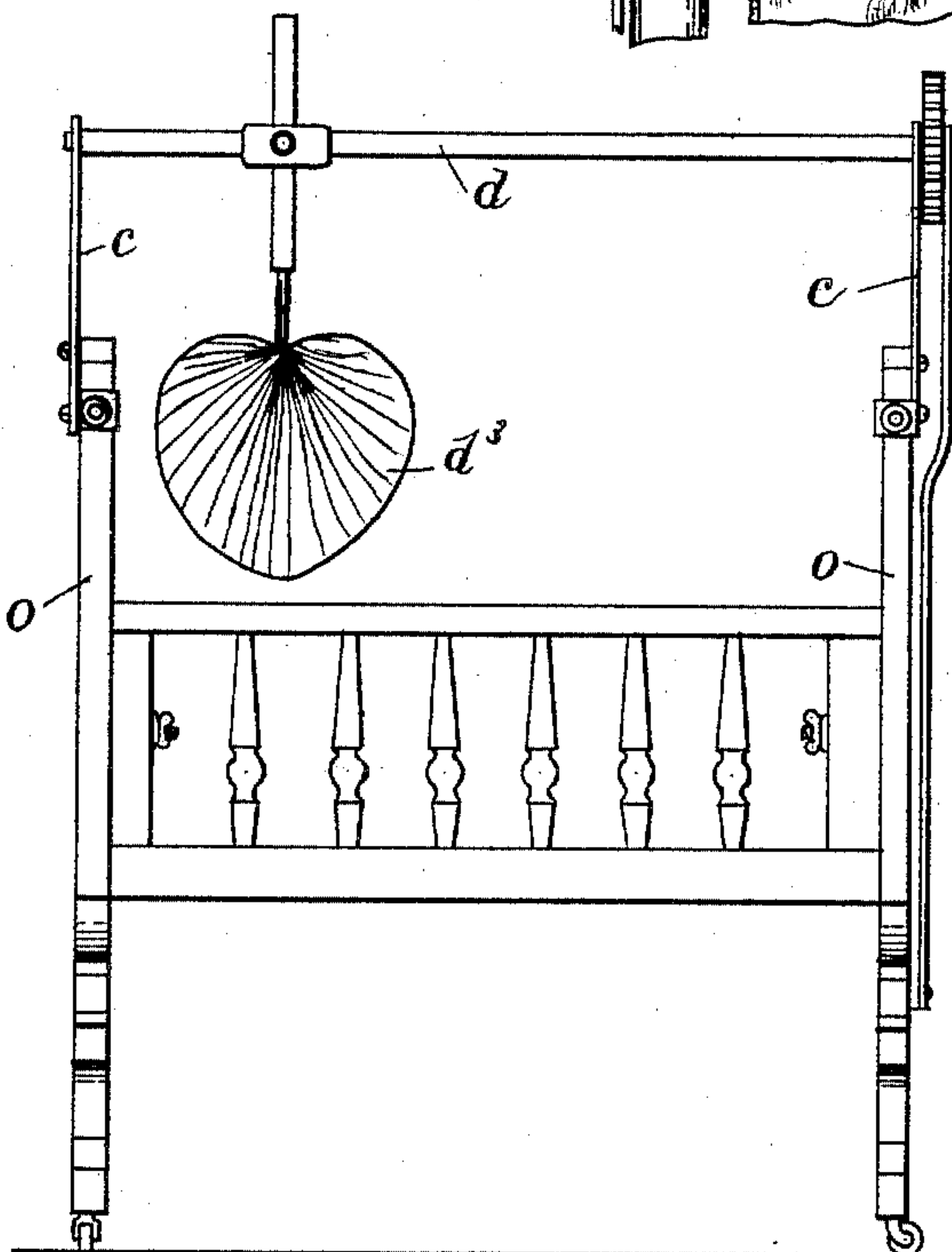
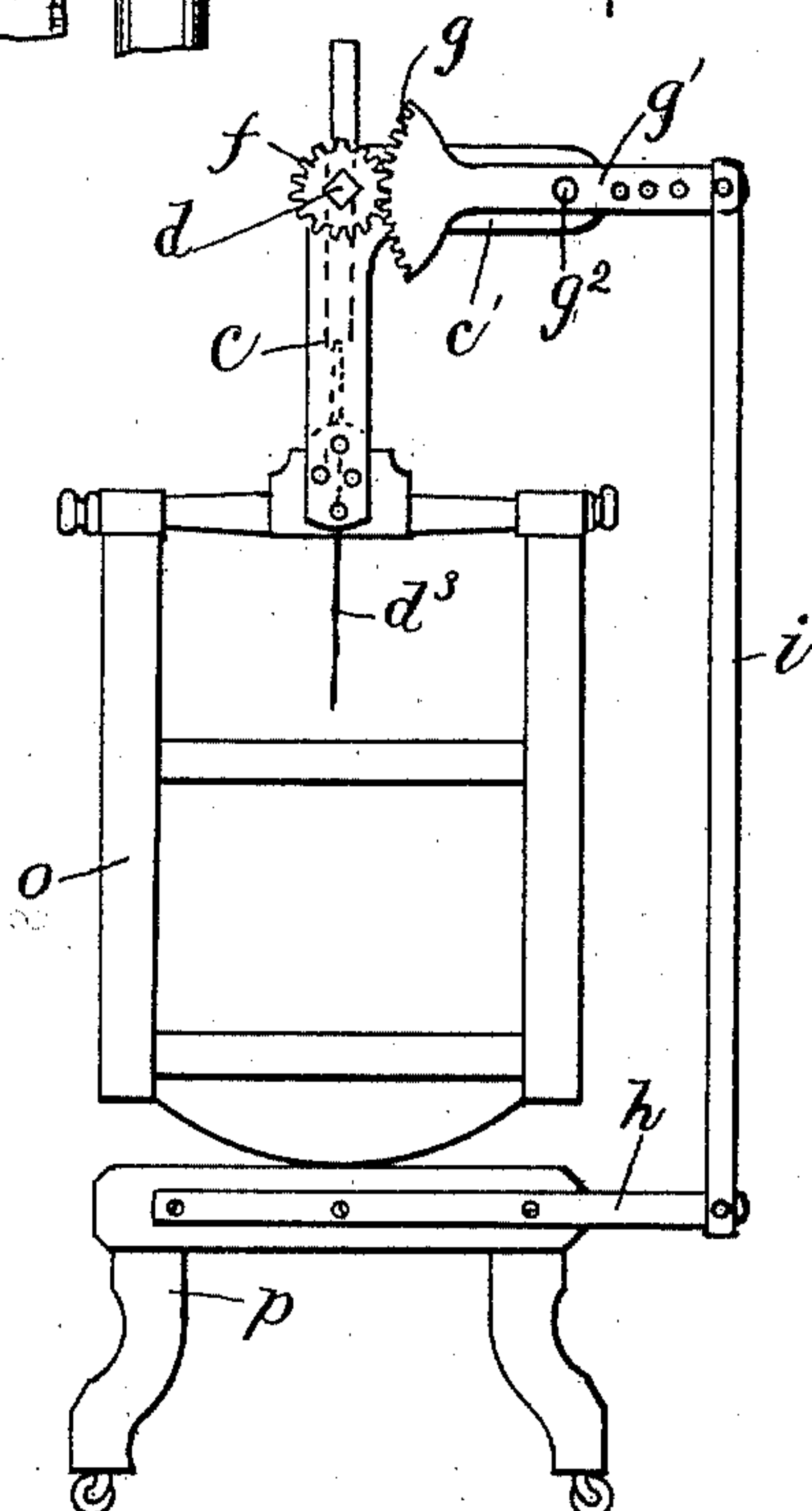


FIG. 4.



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UNITED STATES PATENT OFFICE.

WILLIAM H. SWIFT, OF BRUNSWICK, GEORGIA, ASSIGNOR TO CHARLES W. SWIFT, OF SAME PLACE.

FAN ATTACHMENT FOR CHAIRS, CRIBS, &c.

SPECIFICATION forming part of Letters Patent No. 468,090, dated February 2, 1892.

Application filed November 2, 1891. Serial No. 410,648. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. SWIFT, of Brunswick, in the county of Glynn and State of Georgia, have invented certain new and useful Improvements in Fan Attachments for Rocking-Chairs, Cribs, &c., of which the following is a specification.

This invention has for its object to provide simple and effective means for vibrating a fan in suitable proximity to a rocking-chair or a child's crib or other article of furniture adapted to rock or oscillate on a fixed base by the movement of the rocking part; and to this end it consists in the improvements which I will now proceed to describe and claim.

In the accompanying drawings, forming part of this specification, Figure 1 represents a side elevation of a base-rocking chair provided with my improvements. Fig. 2 represents a front elevation of the upper portion of the chair-back and the fan supported thereby. Fig. 3 represents a side elevation, and Fig. 4 an end elevation, of a base-rocker crib provided with my improvements. Fig. 5 represents a modification of the fan shown in Figs. 2 and 3.

The same letters of reference indicate the same parts in all the figures.

Referring first to Figs. 1 and 2, *a* represents the base, and *b* the rocking portion, of a chair of the well-known base-rocker type, the base resting on the floor and having no rocking motion while the chair rocks upon the base.

cc represent standards projecting upwardly from the upper end of the back of the chair, said standards having bearings in which is mounted a rock-shaft *d*, adapted to oscillate in said bearings, and provided with a socket or holder *d'*, adapted to receive the handle *d²* of the fan *d³*, which may be of any suitable form, or, if preferred, may be a fly-brush *e*, as shown in Fig. 5.

To one end of the shaft *d* is affixed a pinion *f*, which meshes with a rack-segment *g*, formed on a lever *g'*, which is pivoted at *g²* to an arm or bracket *c'*, affixed to one of the standards *c*.

h represents an arm affixed to the base *a* and projecting horizontally therefrom. The outer end of the arm *h* is connected by a rod *i* with one end of the lever *g'*. When the chair is rocked, the connection of the lever *g'*,

which oscillates with the chair, with the arm *h*, which does not oscillate, causes the lever to oscillate vertically on its pivot *g²*, and thus, through the segment *g* and pinion *f*, impart a rocking motion to the shaft *d*, the fan being thus oscillated across the upper end of the chair-back.

Referring to Figs. 3 and 4, the standards *c*, supporting the fan-carrying shaft *d*, are attached to the end pieces *o o* of the frame of a rocking crib, and the arm *h* is attached to the non-rocking supporting-frame *p*, on which the body of the crib rocks. The operation of the attachment is in this case the same as in the case of the chair above described, the fixed arm *h* being connected by a rod *i* with the lever *g'*, which is pivoted at *g²* to an arm *c'* formed on one of the standards *c*, the lever *g'* having a rack-segment *g* meshing with a pinion *f* on the fan-shaft *d*.

It will be seen that the above-described construction provides a simple and inexpensive means for automatically moving a fan or fly-brush over the occupant of the rocking-chair, crib, or other like article of furniture.

The construction of the parts is simple and not liable to be easily deranged.

I have shown the base *a* of the rocking-chair provided with a curved or crowning seat *a'* for the rocker of the chair, the object of said crowning seat being to compensate for the resistance to the movement of the chair caused by the fan and its operating mechanism.

I claim—

The combination, with a rocking-chair or other like article comprising a non-rocking base and a structure adapted to rock thereon, of a fan-carrying rock-shaft journaled in bearings on the rocking structure and provided with a pinion, a lever pivoted to an arm on the rocking structure and provided with a rack-segment meshing with said pinion, and a connection between the said lever and the non-rocking base, as set forth.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses, this 27th day of October, A. D. 1891.

WILLIAM H. SWIFT.

Witnesses:

C. P. GOODYEAR, Jr.,
E. J. ALLEN, Jr.