

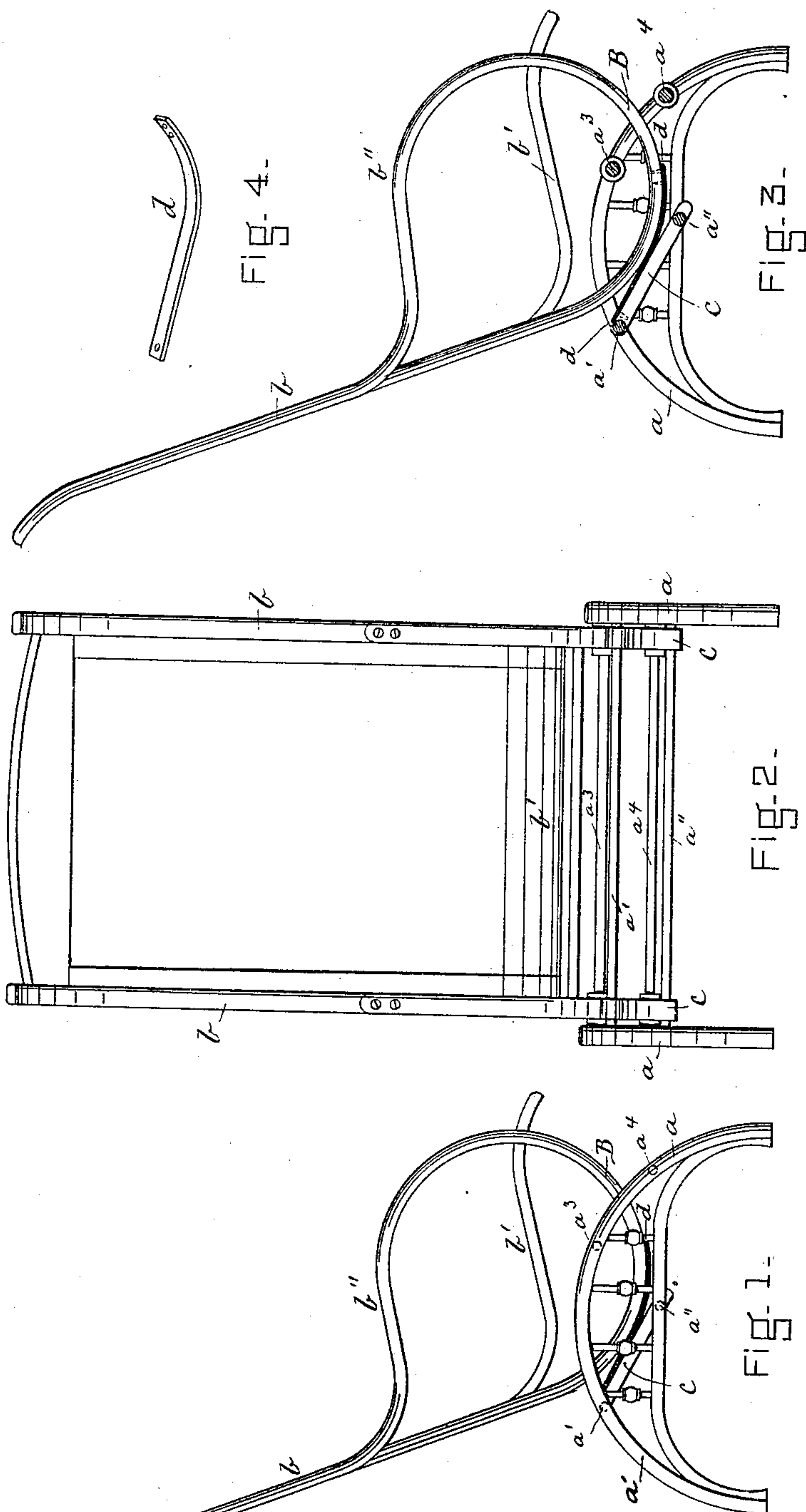
(No Model.)

A. H. ORDWAY.

ROCKING CHAIR.

No. 329,480.

Patented Nov. 3, 1885.



WITNESSES.

Charles H. Fogg
Sarah M. Goodrich

INVENTOR_

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UNITED STATES PATENT OFFICE.

ALBERT H. ORDWAY, OF MELROSE, MASSACHUSETTS.

ROCKING-CHAIR.

SPECIFICATION forming part of Letters Patent No. 329,480, dated November 3, 1885.

Application filed June 11, 1885. Serial No. 168,309. (No model.)

To all whom it may concern:

Be it known that I, ALBERT H. ORDWAY, a citizen of the United States, residing at Melrose, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Rocking-Chairs; and I do hereby declare that the same are fully described in the following specification and illustrated in the accompanying drawings.

10 This invention relates to improvements on rocking-chairs of the kind known as "base-rockers," and it is carried out as follows, reference being had to the accompanying drawings, where—

15 Figure 1 represents a side elevation of the improved chair, and Fig. 2 represents a rear view. Fig. 3 represents a sectional view showing one of the bases removed, and Fig. 4 represents a perspective view of the springs that unite the base and frame.

20 Similar letters refer to similar parts wherever they occur on the different parts of the drawings.

25 *a a* represent the bases, one at each side of the chair, which bases are held at a proper distance apart by means of the stays or braces *a'*, *a''*, *a³*, and *a⁴*, as shown, or in any other well-known manner.

30 I wish to state that the construction of the base for the rocking-chair forms no part of my present invention, and said base may be made in any desirable and well-known manner without departing from the essence of my invention.

35 *b b* represent the chair-frame, with its seat *b'* and arm-supports *b'' b''*, as usual. Said chair-frame may be made of any desired shape, with or without the arm-supports *b'' b''*. Below the seat *b'* are the curved rockers *B B*, made in one piece with the frame *b b*, or secured to the latter or to the seat *b'*, as may be desired.

40 I wish to state that I do not confine myself to any particular construction of the frame of the chair, it being only necessary that it shall have on its under side the curved rockers *B B*, as above described. To the bases *a a*, or to the stays or braces by which they are held together, are secured the inclined ways *c c*, as shown in Figs. 1, 2, and 3, in which said inclined ways are shown as being secured to the stays or braces *a' a''*; but this is not essential, as the said inclined ways *c c* may be secured in any suit-

able manner to the bases or their braces, and, if so desired, each such inclined way may be made as one piece with the base adjacent to it. Such inclined ways may be made of wood 55 or metal, as may be desired. Said inclined ways have their lowest parts toward the front of the bases, and rise upward with a desired inclination toward the rear of said bases, as shown in Figs. 1 and 3. The inclined ways *c c* 60 are shown in said Figs. 1 and 3 as being straight from end to end; but they may be made curved, if so desired, without departing from the essence of my invention. Said inclined ways *c c* serve as supports, upon which the curved rock- 65 ers *B B* are rocked; but it is essential that there should be a connecting device between each inclined way and rocker to prevent the latter from sliding forward, as well as to connect the frame of the chair to its base to prevent such parts from being disconnected when the chair is moved from one place to another, and for these purposes I secure to the rear end of each inclined way *c* a metal spring, *d*, curved upward in its forward end more or less, as 75 may be desired, and secured in its forward end to the rocker *B*, as shown in Figs. 1 and 3. Previous to being secured to the respective inclined ways and rockers, as above described, the said springs *d d* are curved in their forward 80 ends, as shown in detail in Fig. 4, so as to have a tendency, when secured in their places to the inclined ways and rockers, to swing or rock the chair-frame *b b* to its normal position, as shown in Figs. 1 and 3. The braces *a³* and 85 *a⁴* serve as stops against the forward part of rockers *B B*, to limit the rocking motion of the chair-frame relative to the base part. Such braces *a³ a⁴* may be provided with elastic rubber rings, or elastic rubber cushions of suitable 90 shape may be attached to rockers *B B* where they touch the braces *a³ a⁴*, so as to prevent the chair-frame from being brought too rigidly to a standstill when at the limit of its rocking motion, as is common on rocking- 95 chairs of the kind known as "base-rockers." If the base is constructed without the braces or stays *a³ a⁴*, equivalent stops may be arranged on the base parts *a a* without departing from the essence of my invention. By having the 100 rocker-supports *c c* made inclined it will be perceived that the rocking motion is on in-

clined planes, and when the occupant of the chair leans backward the rockers B B are, as it were, rolled upward on such inclined ways *c c*, against the influence of the weight of the occupant and chair-frame, thus having a tendency to gradually retard the rearward rocking motion of the chair—an essential feature of a well-constructed rocking-chair. The rear flat portions of the springs *d d* during such backward motion of the chair-frame are caused to curve and conform to the curvature of the rockers B B, thus also tending to gradually retard such motion. During the forward rocking movement of the chair-frame on the inclined ways *c c* the forward curved ends of springs *d d* are straightened more or less, and serve as yielding resisting means, having a tendency to return the chair-frame to its normal position as soon as the occupant leaves it or releases the forward pressure on the seat.

I wish to state that I do not claim herein any feature claimed in my application for Letters Patent for rocking-chairs filed June 11, 1885, Serial No. 168,308; but

What I wish to secure by Letters Patent and claim is—

1. In a base rocking-chair, the base or base parts *a a*, having inclined ways *d d*, adapted to serve as beds on which the frame is rocked, as and for the purpose set forth.
2. In a base-rocker, the base or base parts *a a*, having the inclined ways *c c*, and the frame *b b*, with its rockers B B, in combination with the springs *d d*, secured, respectively, to the said inclined ways and rockers, as and for the purpose set forth and described.
3. In a base-rocker, the base or base parts *a a*, having the inclined ways *c c*, and stops *a³* *a⁴*, in combination with the frame *b b*, its rockers B B, and springs *d d*, constructed and arranged in a manner as herein set forth and described.

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

ALBERT H. ORDWAY.

Witnesses:

ALBAN ANDRÉN,
CHARLES H. FOGG.