

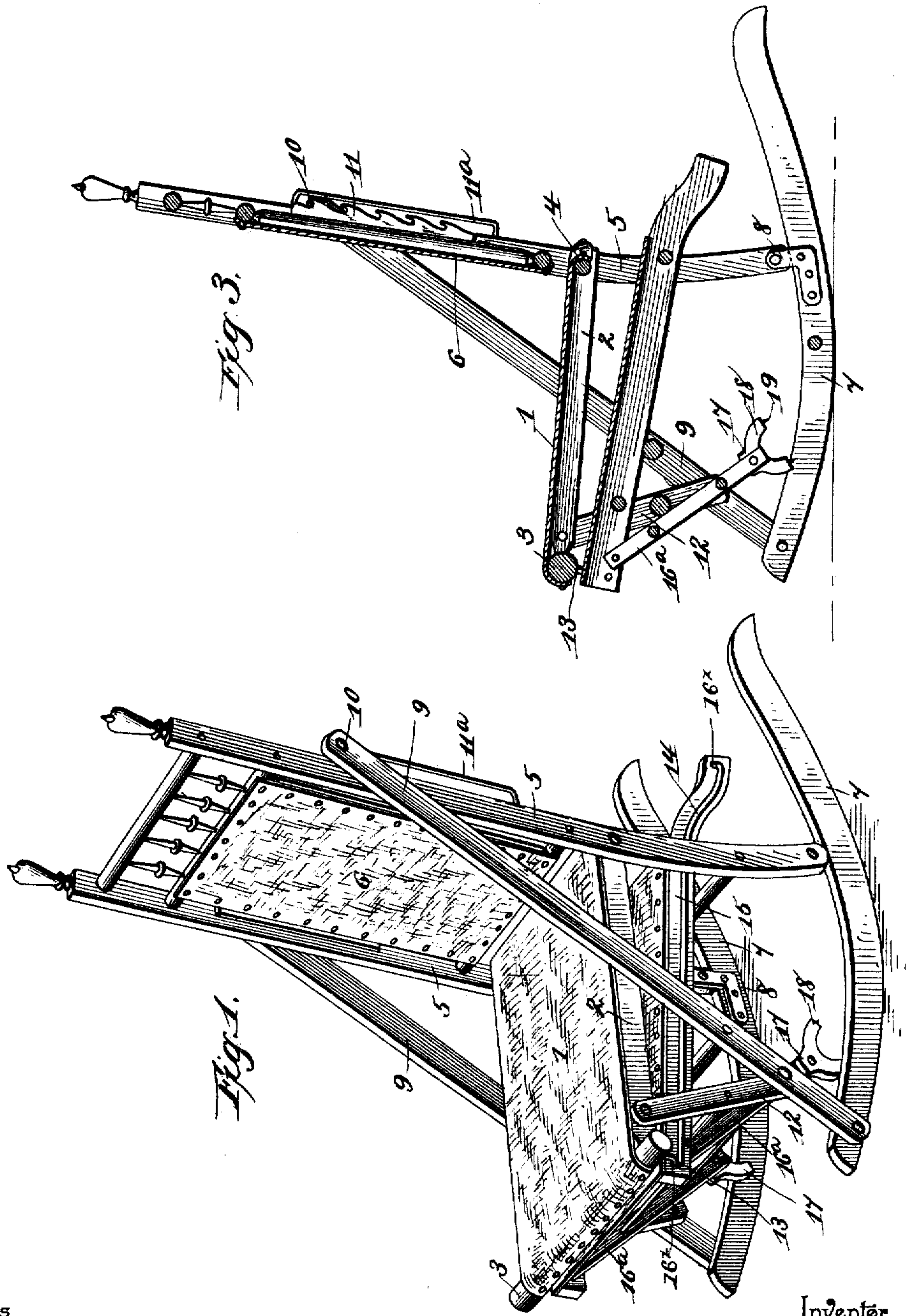
(No Model.)

2 Sheets—Sheet 1.

J. CORNELL.
FOLDING CHAIR.

No. 488,115.

Patented Dec. 13, 1892.



Witnesses

Inventor

E. C. Hartman
Chas. B. Nye

By his Attorneys,

Joseph Cornell

Cashow & Co.

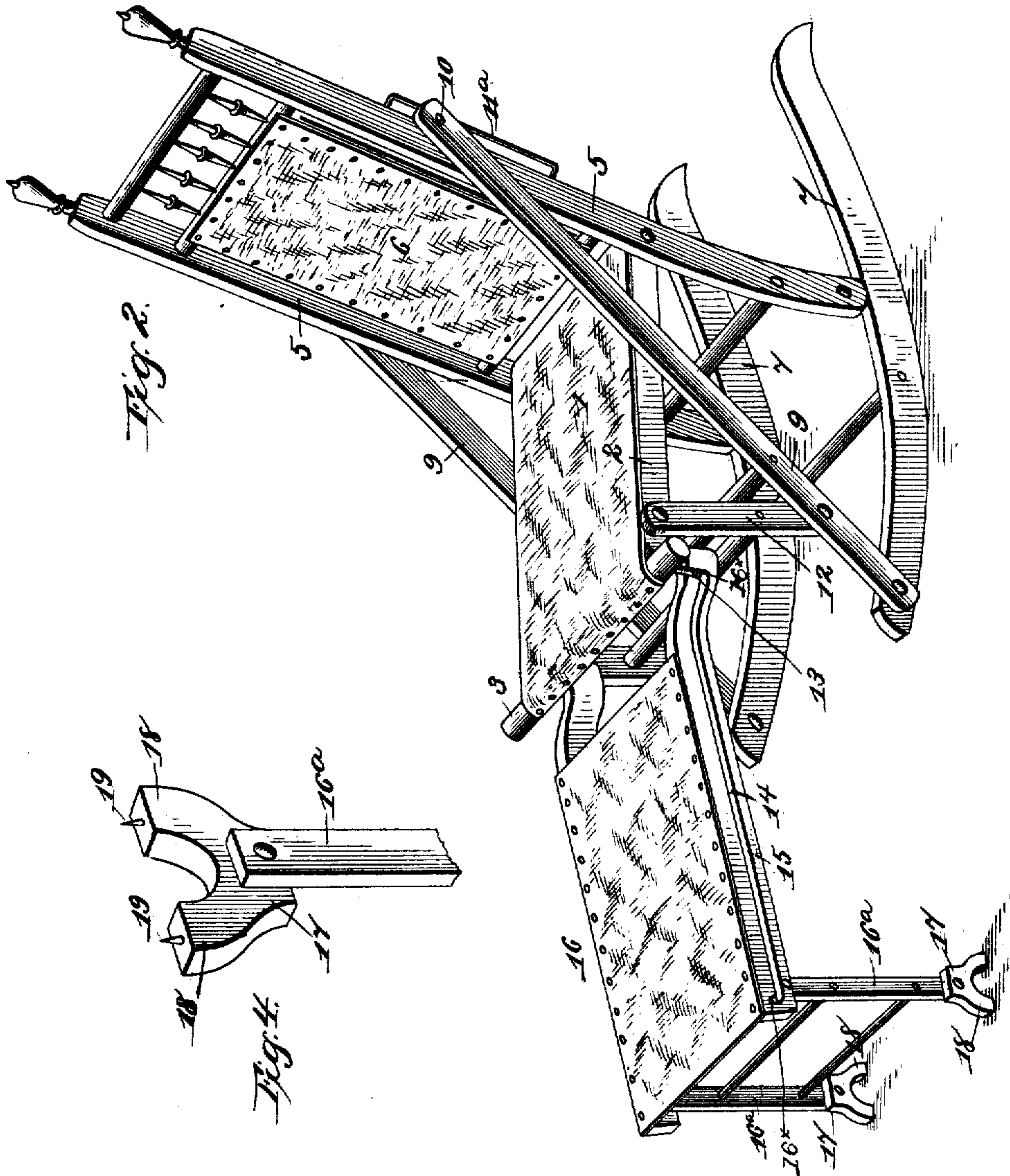
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UNITED STATES PATENT OFFICE.

JOSEPH CORNELL, OF POTSDAM, NEW YORK.

FOLDING CHAIR.

SPECIFICATION forming part of Letters Patent No. 488,115, dated December 13, 1892.

Application filed June 30, 1892. Serial No. 438,558. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH CORNELL, a citizen of the United States, residing at Potsdam, in the county of St. Lawrence and State of New York, have invented a new and useful Folding Chair, of which the following is a specification.

This invention relates to certain new and useful improvements in folding extension-chairs provided with a foot-rest which may or may not be used, and the object of the same is to simplify the construction of devices of this character at a comparatively small expense; and with this object in view the invention consists of the construction and arrangement of the parts, as will be more fully hereinafter described and claimed.

In the drawings, Figure 1 is a perspective view of the chair arranged as an ordinary rocking-chair provided with an adjustable back. Fig. 2 is a similar view of the chair provided with a foot-rest which is adjusted in position for use. Fig. 3 is a central longitudinal section of the chair as shown in Fig. 1. Fig. 4 is a detail perspective view of a portion of one of the legs of the foot-rest disconnected.

Similar numerals of reference are employed to indicate corresponding parts in the several figures.

Referring to the drawings, the numeral 1 designates the seat, which is composed of side bars 2, which are connected by a front bar 3 and rear bar 4, the front bar being extended at its ends to shield the garments and prevent contact of the same with the parts in rear thereof. The rear end of the seat is pivotally connected on opposite sides with the side bars or uprights 5 of the back 6, and the lower ends of said side bars or uprights are pivotally connected to rockers 7 by angle-plates 8, which are secured to said rockers and pivoted to the said bars or uprights 5. Arms 9 are pivotally connected at their lower ends to the outer front portions of the rockers 7, and the upper ends of the same are secured to each other by a cross-rod 10, which is adapted to adjustably engage toothed or ratchet plates 11, secured to the inner opposing sides of the bars or uprights 5, and by means of which the back of the chair may be freely adjusted to different

angles of inclination, the said cross-rod 10 being held in proper position by guards 11^a in the form of elongated loops secured to the back of the arms or uprights 5, adjacent to the said toothed or ratchet plates 11. Supports 12 are pivotally connected to the forward portions of the outer sides of the side bars 2 at their upper ends and at their lower ends said supports are in like manner secured to the adjacent inner portions of the arms 9. Cross rods or rounds are employed in connection with the different parts of the chair as thus far described to strengthen the parts thereof. Further, the seat and back are supplied with a suitable upholstering or supporting covering which will be supplied in proportion to the requirements or use as well as the cost of the chair. To still further increase the conveniences and comforts of the chair, it is supplied with a foot-rest which may be stored under the seat when not in use and the chair be used as an ordinary rocking-chair, as shown in Fig. 1. Depending from the front bar 3 of the seat are rods 13, having lower angular or L-shaped inturned ends, which are adapted to loosely engage grooves 14 in the side rails or bars 15 of the foot-rest 16. The terminating end portions of the said grooves 14 are notched or increased in vertical dimensions, as at 16^x, into which the lower angular ends of the rods 13 enter when the foot-rest is projected from the chair for use or moved backward thereinto in stored position, to thereby provide for sustaining the said foot-rest in its adjustment. The rear portions of the side rails or bars 15 are curved downward and the grooves 14 follow out the same contour, this latter construction being provided to adapt the foot-rest to have a proper engaging position relatively to the parts of the chair-seat. As heretofore stated, the said foot-rest may be stored under the seat of the chair; but when in use it may be readily drawn outward in position. To the front portion of the foot-rest are pivotally connected on opposite sides a pair of legs 16^a, to the lower ends of which are pivotally secured blocks 17, having feet 18, with spurs 19 therein, and by means of which said blocks may be securely fastened to the floor. This construction is provided to accommodate a rocking motion of the chair and movement of

the foot-rest therewith and allowing the legs 16^a to swing, which will produce a comfortable and pleasant sensation, and forms a great convenience and advantage in connection 5 with the form of chair set forth.

When it is desired to fold the chair, the cross-rod 10 is raised from connection with the toothed or ratchet plates 11, when the back can be moved down and the arms carried 10 therewith. In this instance the foot-rest may be moved under the seat, and a compact arrangement is thereby produced. In changing the inclination of the back the rod 10 is 15 changed from one notch or tooth of the plates 11 to another of the same, as will be readily understood.

The chair is adapted to be suitably ornamented and embellished with unique designs in any manner preferred and wherever de- 20 sired.

Having thus described the invention, what is claimed as new is—

1. In a chair of the character described, the combination of a seat, a back having bars or 25 uprights to which said seat is pivotally connected at its rear end, rockers pivotally attached to the lower ends of said bars or uprights by angle-plates having a portion thereof rigidly secured to the said rockers, a pair of 30 arms unattached to the seat and pivotally connected to the forward ends of the said rockers and at their upper ends united by a cross-rod, depending supports 12, pivoted to the opposite sides of the front portion of the 35 seat and to the said arms, ratchet-plates in connection with the bars or uprights of the back with which the said rod at the upper ends of the arms engages, guard-rods mounted over the said ratchet-plates, and a foot-rest 40 adjustably mounted in connection with the seat, substantially as described.

2. In a chair of the character described, the combination of a seat having L-shaped rods 45 secured to the front cross-bar thereof and the lower ends of the same intumed toward each other, a foot-rest movably mounted under the

said seat and having side bars with grooves therein on the outersides of the same engaged by said L-shaped rods, the rear ends of said side bars of the foot-rest being curved down- 50 ward and the grooves therein conforming to the contour thereof, a pair of legs pivotally connected at their upper ends to the inner opposing portions of the front end of said side bars of the foot-rest, said legs being fold- 55 able up under the said foot-rest, and supports for said legs pivotally connected to the lower ends thereof, substantially as described.

3. The combination, with a rocking-chair of the character set forth having a seat, of a pair 60 of rods secured to the front cross-bar of said seat and having lower intumed angular ends, a foot-rest having oppositely-disposed side bars with rear downwardly-curved ends and formed with grooves therein on the outer sides 65 thereof with upwardly-extending terminating notches, said grooves and notches being loosely engaged by the lower intumed angular ends of said rods to thereby make the foot-rest ad- 70 justable and freely movable under and outward from the seat of the chair, a pair of legs connected to each other and having their upper ends pivoted to the inner side of the outer ends of the side bars of said foot-rest to adapt the same to be folded up under the foot-rest, 75 and blocks pivotally attached to the lower ends of said legs and having the lower ends thereof arched or cut away to form a pair of feet in connection with each leg that are supplied with spurs or spikes to be pressed into 80 a bearing-surface to prevent falling of the said legs and of the foot-rest supported thereby during the movement of the chair and when arranged in operative position, substantially as described. 85

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JOSEPH CORNELL.

Witnesses:

LUTHER E. WADLEIGH,

FRANK J. CORNELL.