D. PARKS.

Ship's Chairs.

No. 166,628. Patented Aug. 10, 1875.

Fig. 1.

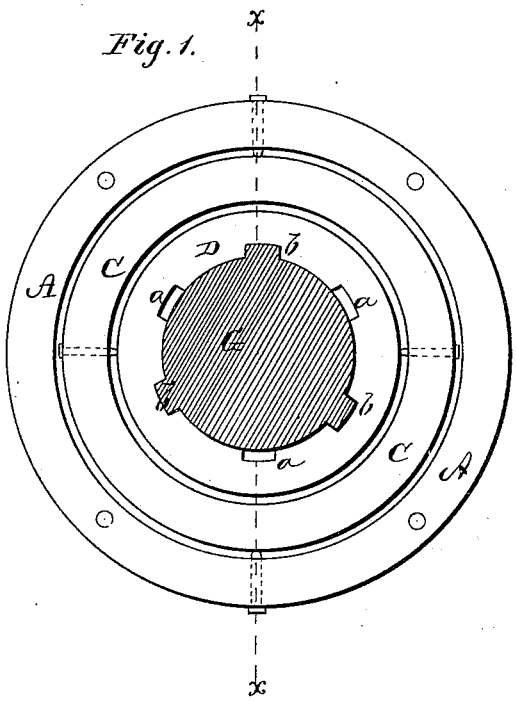
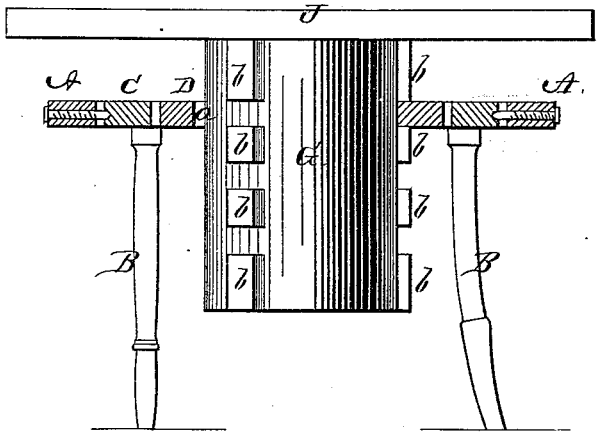


Fig. 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

DANA PARKS, OF BOSTON, MASSACHUSETTS, ASSIGNOR OF ONE-HALF HIS RIGHT TO FREDERICK P. SAWYER, OF GEORGETOWN, D. C.

IMPROVEMENT IN SHIPS' CHAIRS.

Specification forming part of Letters Patent No. **166,628**, dated August 10, 1875; application filed July 26, 1875.

To all whom it may concern:

Be it known that I, DANA PARKS, of Boston, in the county of Suffolk and in the State of Massachusetts, have invented certain new and useful Improvements in Ships' Chairs; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a chair to be used on board of ships, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a plan view of my invention, and Fig. 2 is a longitudinal section of the same.

A represents an annular frame, of any suitable dimensions, supported upon legs B B. Within the frame A is pivoted a ring or circle, C, and within said ring is pivoted another ring, D, the two rings being pivoted on diametrical lines, at right angles with each other. In the inner circumference of the inner ring D are formed notches *a a* to receive lugs *b b*, formed on the outside of a cylindrical block, G, made of such diameter as to fit within the inner ring D. The lugs *b* on the block are arranged in vertical rows, and have sufficient space between them to allow the ring to pass in between them. The block G is passed downward through the center ring D, the lugs *b* passing through the slots *a* therein, and when the block has passed downward sufficiently it is turned so as to be held in place by the lugs resting on the ring, as shown. On the upper end of the cylindrical block G is secured a chair-seat or stool, J, which may be raised or lowered, as desired, by raising or lowering the block or seat-rest G.

It will readily be seen that when this chair is used on shipboard the chair-seat J will remain horizontal, no matter how much the vessel rolls.

By this invention, also, the list of the vessel can be measured, if desired.

The same invention may be applied to rocking-chairs by simply having one pivoted ring within the stationary frame.

It must of course be understood that the lower end of the cylindrical block or seat-support must be weighted sufficiently to overbalance the seat on its upper end.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The combination of the annular frame A, concentric rings C D, pivoted on diametrical lines at right angles to each other, and the inner ring D, provided with slots *a a*, and the cylindrical seat-support G, provided with lugs *b b*, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 21st day of July, 1875.

DANA PARKS.

Witnesses:
H. A. HALL,
WM. A. SKINKLE.