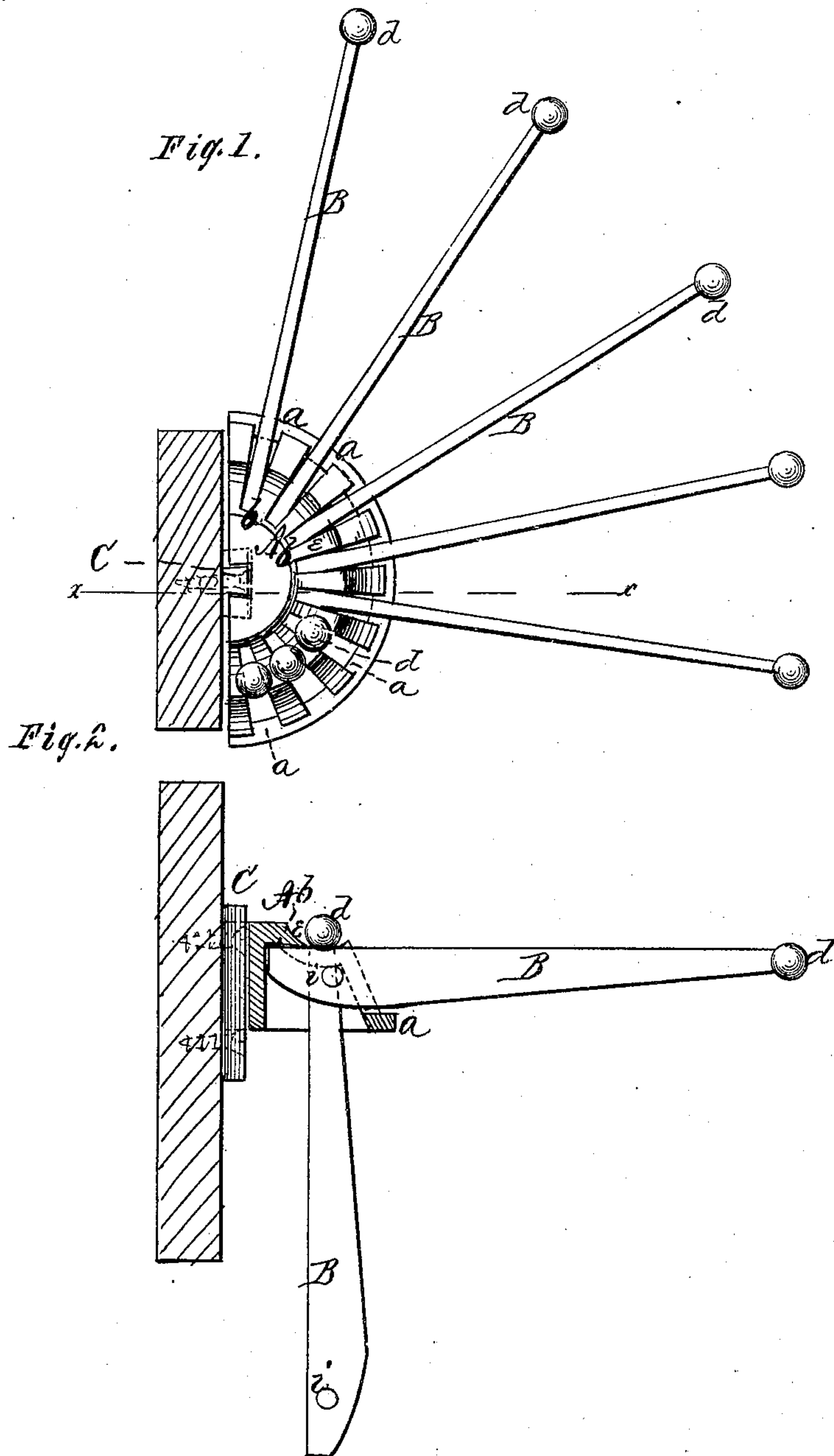


J. C. MILLER.
Clothes-Frames.

No. 146,934.

Patented Jan. 27, 1874.



WITNESSES:
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UNITED STATES PATENT OFFICE.

JACOB C. MILLER, OF SUNBURY, OHIO.

IMPROVEMENT IN CLOTHES-FRAMES.

Specification forming part of Letters Patent No. 146,934, dated January 27, 1874; application filed November 8, 1873.

To all whom it may concern:

Be it known that I, JACOB C. MILLER, of Sunbury, in the county of Delaware and State of Ohio, have invented certain new and useful Improvements in Clothes-Racks; and I 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, which form a part of this specification.

My invention relates to clothes-racks, having for its object to improve the construction of the same.

Heretofore it has been common to construct clothes-racks the arms of which may be folded up when not in use, and rest in an upright position, being supported in a slot formed in an extended portion of the lower support or bearing. This extended support makes the device heavy and clumsy, besides requiring much more material, and, besides the slots thus extended in length as well as increased in size, allows the arms to pass through said slots and become detached from the casting, which is objectionable, as the arms when thus detached are liable to be lost.

My improvement consists in forming a groove in the upper part of the casting, communicating with the slot which holds the arms in an upright position when not in use, and combining with such construction the bearings and arms, as hereinafter more fully described, thereby dispensing with the extended bottom support, and providing a more simple and efficient device, and with less material than heretofore used, and more compact in form.

The following description of the same will enable others skilled in the art to make and use the same, referring to the drawing, in which—

Figure 1 is a plan view of a device embodying my invention; and Fig. 2 is a vertical section of the same through line *x x*, Fig. 1.

A represents the bracket, in which the bars or arms B B are held. The bracket is semicircular in form, and provided in the center of the rear side with a dovetailed tapering key-seat, to fit over a wedge or key, C, of corresponding form, which is secured to the wall or to a post,

for convenience in holding the device in position, or to be changed from place to place. The bracket is provided with a series of radial slots, in which the arms or bars B are passed through, said slots being made so as to provide a lower bearing, *a*, at the rim or periphery of the bracket for each arm, and an upper bearing, *b*, near the center for the inner end of each arm. The arms or bars B B are constructed substantially in the tapering form shown in Fig. 2, and each arm is, at its outer end, provided with a knob or ball, *d*, and a pin, *i*, is passed through each arm a suitable distance from its inner end.

When the arms B B are thrown out for use they rest upon the lower bearings *a*, and their inner ends bear against the under sides of the bearings *b*, while the pins *i* prevent the arms from coming out of the bracket, said pins bearing against the partitions between the slots in the bracket.

The above description, except the pins, will answer to the description of the ordinary form of bracket, and to which I do not lay any claim, broadly.

My invention consists in forming the semicircular groove *e* in the upper surface of the bracket, just outside of the upper bearings *b*, and at the inner ends of the slots in which the balls *d* rest when the arms are not in use, as shown in Fig. 2 of the drawing, by which means I economize both in material and space, and provide a lighter as well as a more simple device than heretofore in use.

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

The bracket A, with slots and bearings *a b*, and the groove *e*, formed at the inner portion of the slots and between the bearings *a b*, in combination with support C and arms B, all constructed and arranged for use as and for the purpose herein specified.

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

JACOB C. MILLER.

Witnesses:

C. P. SPRAGUE,
F. B. SPRAGUE.