

JOHN HIRONS.

Improvement in Combined Clothes Dryers and Pendant Seats.

No. 120,585.

Fig. 1

Patented Nov. 7, 1871.

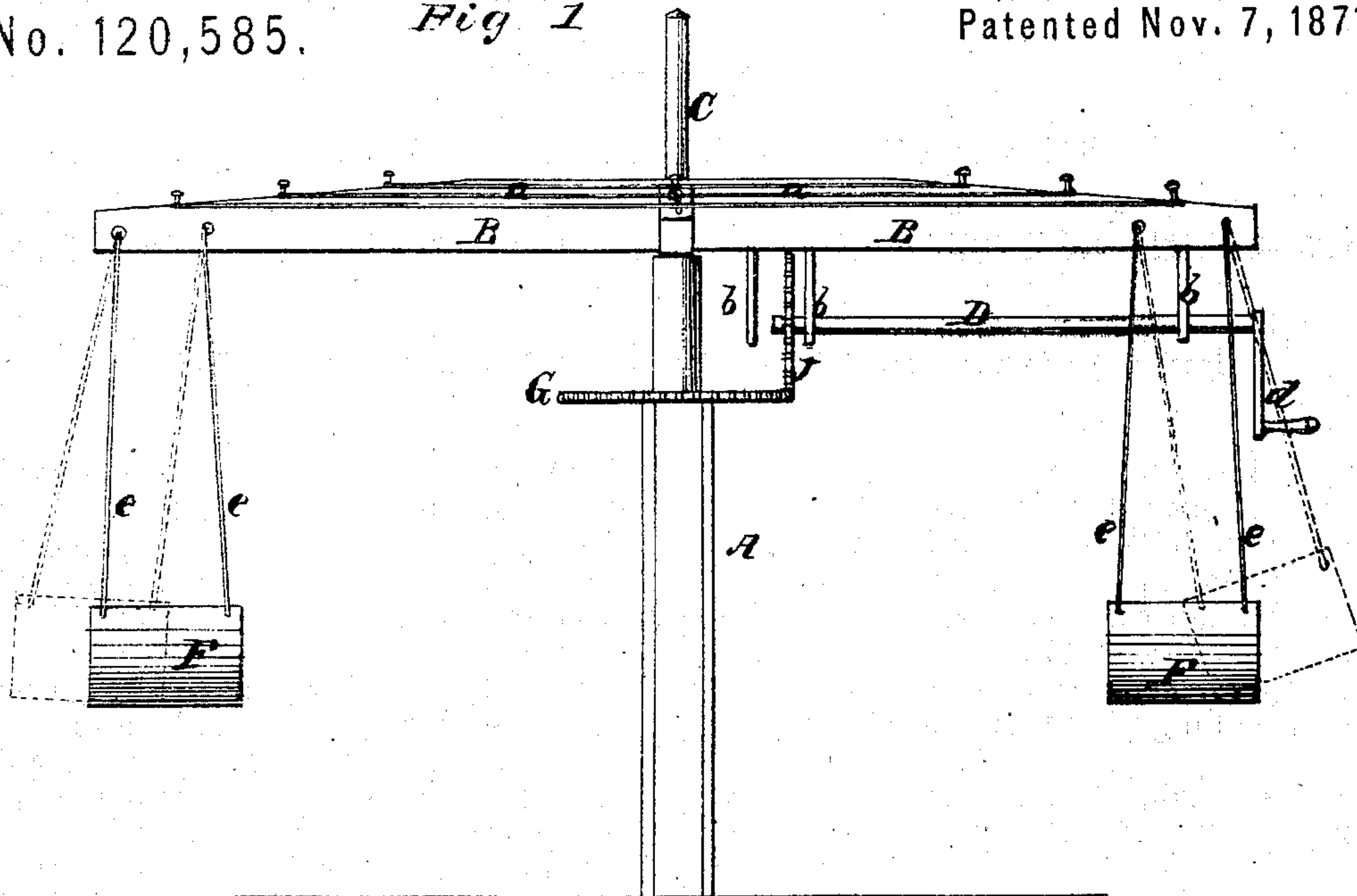
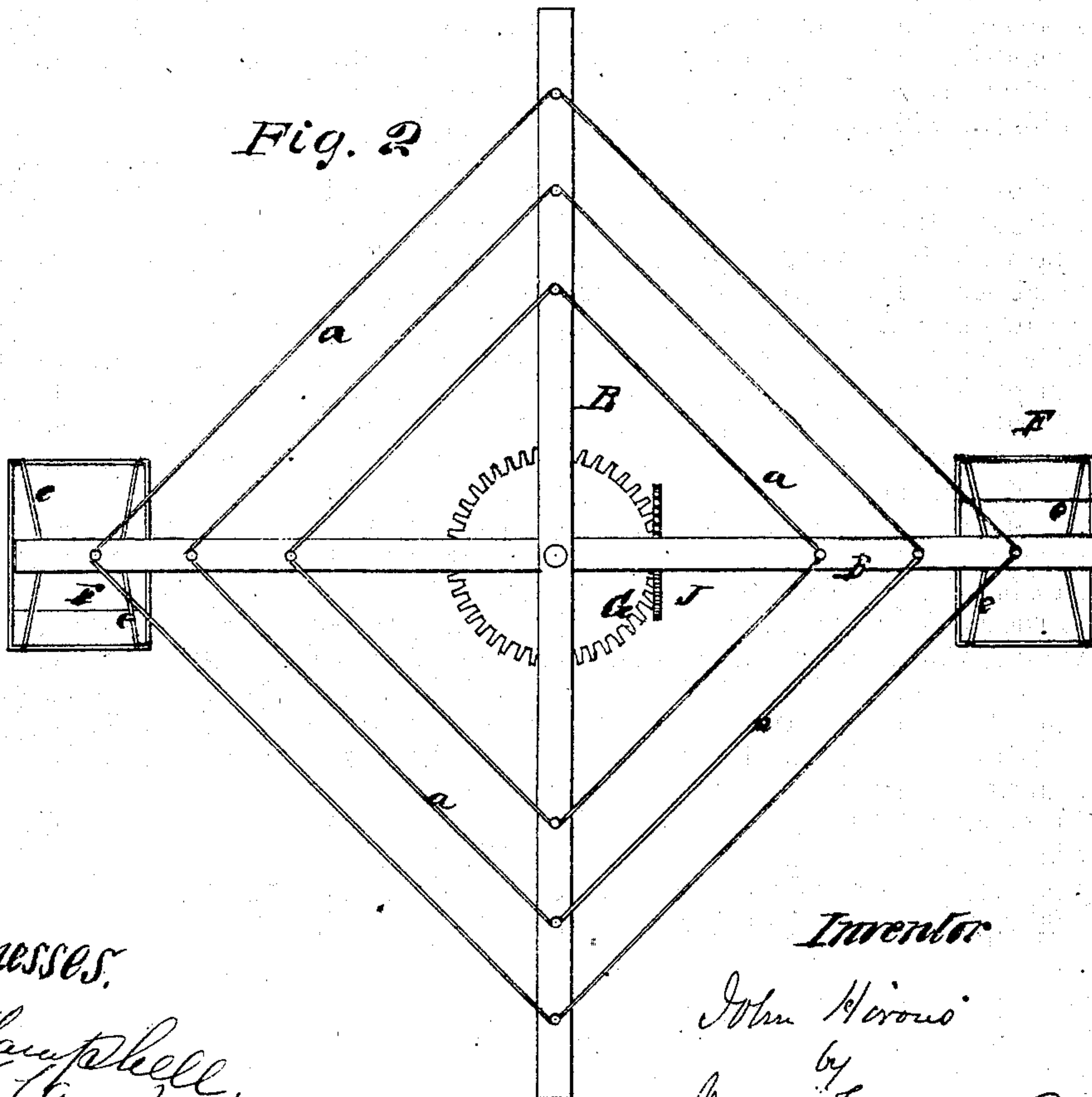


Fig. 2



Witnesses:
R. Thompson.
J. H. Campbell.

Inventor
John Hiron.
by
Marion Fenwick & Lawrence.

UNITED STATES PATENT OFFICE.

JOHN HIRONS, OF BUCHANAN, MICHIGAN.

IMPROVEMENT IN COMBINED CLOTHES DRIERS AND PENDENT SEATS.

Specification forming part of Letters Patent No. 120,585, dated November 7, 1871.

To all whom it may concern:

Be it known that I, JOHN HIRONS, of Buchanan, in the county of Berrien and State of Michigan, have invented a Combined Carousal and Clothes-Drier; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 is a side elevation of the carousal and clothes-drier. Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts in the several figures.

My object is to combine pendent seats with the horizontal arms of a rotary clothes-drier for the purpose of affording a healthful means of enjoyment to children, as will be hereinafter explained.

The following description of my invention will enable others skilled in the art to understand it.

In the accompanying drawing, A represents a vertical post, which is rigidly supported in the vertical position in any suitable manner. B B represent radial arms of equal length, which are centrally connected together, perforated, and provided with a tube, C, for receiving a pintle rising from the upper end of the post A. Pins are inserted into the horizontal arms B, and ropes drawn across, as shown at *a*, on which articles to be dried are hung.

It will be seen from the above description that the drier is constructed precisely like horizontal clothes-driers, which are well known and in common use.

When the drier has clothes hung upon its ropes the wind, acting upon the clothes, will rotate the arms B more or less rapidly, according to the force of the wind. I take advantage of this rotary motion imparted to the arms B as a means for carrying around a number of pendent seats, in which children can conveniently sit.

The seats F are hung from the arms B B by means of pendants *e e*, which may be so attached to the arms and to the seats as to allow the latter to swing outward by centrifugal force, as indicated in Fig. 1 by the dotted lines. The seats proper may be applied on boxes or boats, as shown in the drawing, which will prevent very young persons from accidentally falling out. Or, if desirable, the pendants *e* may be rigidly connected to the seats and also to the arms B. In order to provide for giving rotation to the arms and seats when there is no wind I apply to the post A a horizontal spur-wheel, G, which is immovable, and employ in combination therewith a crank-shaft, D, having its bearings in hangers *b b b* depending from one of the arms B, and carrying on its inner end a spur-wheel, J, which will engage with the teeth of the fixed wheel G. The shaft D may be endwise-movable, so that when the wind will blow the arms B around the wheels G J may be disengaged, so that the crank-shaft D will not turn. The crank *d* of shaft D is arranged in close relation to one of the seats F, so that a person in such seat can conveniently turn the shaft D and thus rotate the arms. In this way I take advantage of the rotary frame of a clothes-drier and make it serve also the purpose of a carousal for the exercise and enjoyment of children.

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

1. The combination of pendent seats with a rotary clothes-drier, substantially as described.
2. The combination of the crank-shaft D, wheels J and G, pendent seats F, and rotary arms B, substantially as and for the purposes set forth.

JOHN HIRONS.

Witnesses:

G. N. SARRIS,
D. E. HINMAN.

(91)