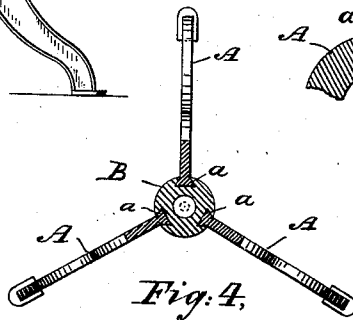
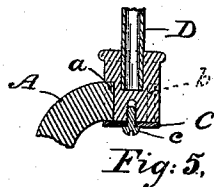
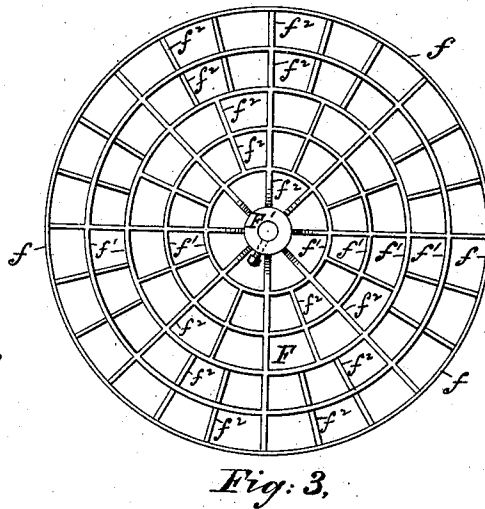
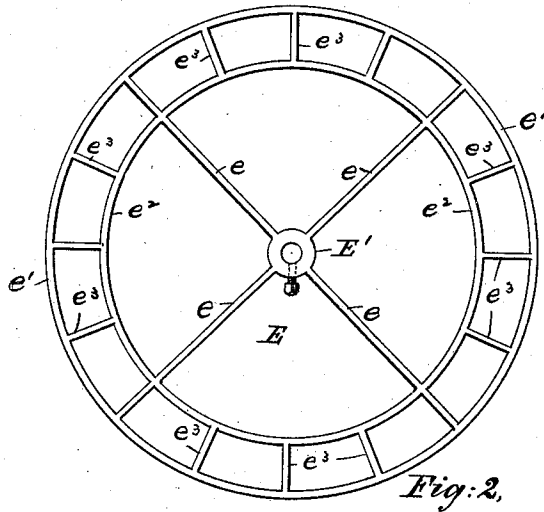
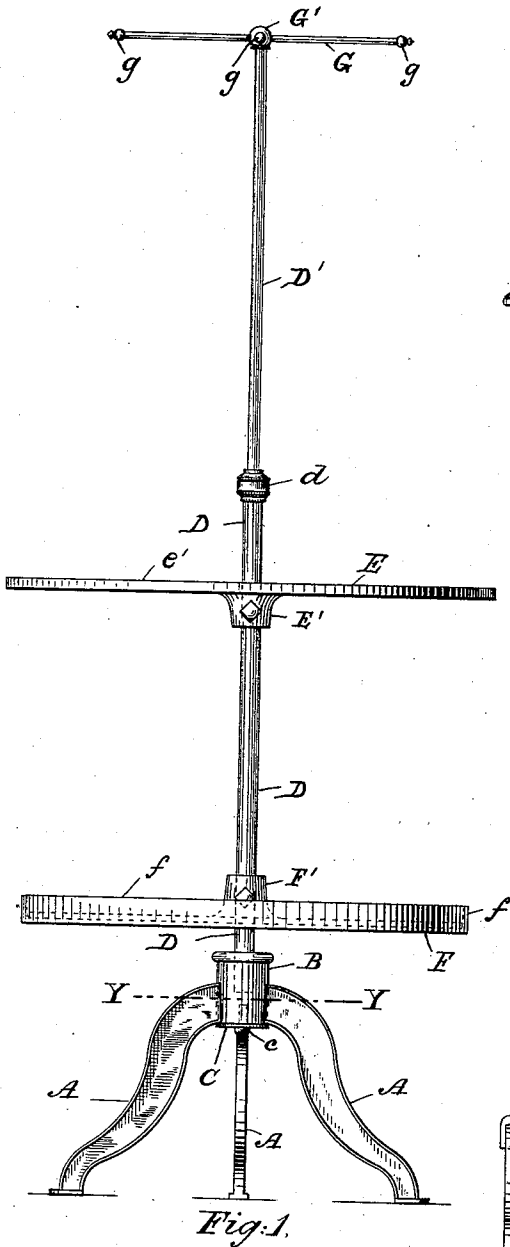


(No Model.)

F. R. HAZELTON.
UMBRELLA DISPLAYER.

No. 322,600.

Patented July 21, 1885.



Witnesses:

Frank A. Merrill
Charles O. Doss

Inventor:

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per. J. T. Thurston
Attorney.

UNITED STATES PATENT OFFICE.

FRANK R. HAZELTON, OF CONCORD, NEW HAMPSHIRE.

UMBRELLA-DISPLAYER.

SPECIFICATION forming part of Letters Patent No. 322,600, dated July 21, 1885.

Application filed November 14, 1884. (No model.)

To all whom it may concern:

Be it known that I, FRANK R. HAZELTON, a citizen of the United States, residing at Concord, in the county of Merrimac and State of New Hampshire, have invented certain new and useful Improvements in Umbrella-Displayers; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings hereto annexed.

My improvements relate to that class of umbrella-stands which comprise circular disks or wheels, or both, which are adjustably secured to a tube or rod passing through the center of said disks or wheels, said tube or rod revolving in a suitable base or standard; and the invention consists, first, in the peculiar construction of the disks and wheels, each being cast whole; second, in the manner of securing them upon the central upright rod; and, third, in the construction of the base, consisting of feet projecting radially and downward from a cylindrical hub which is cast whole, to which their upper ends are secured by dovetailed joint.

The invention is clearly illustrated in the accompanying drawings, like letters of reference indicating corresponding parts in all the views, of which—

Figure 1 is an elevation of the stand entire, Fig. 2 being a plan view of the upper wheel, through which the umbrellas may pass. Fig. 3 is a plan view of the lower wheel or disk, upon which the umbrellas will rest. Fig. 4 is a sectional plan of the base, taken at Y Y, Fig. 1, showing the feet dovetailed to the cylindrical hub. Fig. 5 shows a central vertical section of the hub and a portion of one of the feet in proper position, the bottom plate, which prevents the feet from dropping out from the hub, and a portion of the central upright tube or rod, which carries the disk and wheel.

The feet A may be made of various heights, three or more in number, and their top ends connected to a hub, B, as shown in Fig. 5, by a dovetail tenon, as seen at *a*. This tenon is made tapering from the bottom upward, the hub B being provided with slots *b*, commencing at its bottom, and extending far enough upward to receive the tenon end of the feet A, and to prevent them from dropping out.

A circular plate, C, of the diameter of the hub B, is secured to said hub by the screw *c*. Thus it will be seen that the feet A dovetail into the cylindrical hub B in a vertical direction and at right angles with the floor. The top of said hub is bored out for the reception of the upright rod or tube D, sufficient in depth to provide a good bearing for the same, as seen in Fig. 5. A circular frame or wheel, E, which is best formed of cast-iron or other metal, is provided, this being composed of a hub, E', from which project four or more radial arms, *e*, connecting with the rim *e'*, and an inner web, *e''*, concentric with and five (more or less) inches distant from the same, between which may be partitions *e'''*, for separating umbrellas or parasols which are passed through said frame E, and permitted to rest upon the circular disk F, having a hub, F', and a rim, *f*, between which are formed the circular ribs *f'* and the radial dividing-ribs *f''*, as seen in Fig. 3. Holes are bored through the hub of both the circular frame E and the disk F, through which the rod D is passed, and said hubs are secured thereon at any desired elevation by means of set-screws, as shown in the drawings. An extension-rod, D', may be provided, which is connected with the rod D at the upper end thereof by means of a suitable coupling, *d*, which is threaded to each of said rods.

The object of the rod D' is to support radial arms G, which are secured upon and project out from a hub or ball, G', threaded to the upper end of the said rod D', the outer ends of said arms G being provided with suitable ornaments, *g*, if desired. From these arms G parasols or light fancy articles may be suspended and shown off to good advantage; or, if not desirable so to do, the coupling *d*, carrying the said rod D' and its attachments, may be removed, and a suitable ornamental top piece be screwed onto the rod D in its stead.

In order that the displayer may be constructed as light as possible, the rod D may be formed hollow, as seen in Fig. 5, gas-pipe or brass tubing being substituted for the solid rod.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In an umbrella-displayer, the combination of an upright rod or tube, D, supported by and revolving in a suitable iron base, a circular frame, E, cast whole, and comprising
5 a hub, F', radially-projecting arms *e*, connecting with rim *e'* and web *e''*, and provided with radial partitions *e'''*, and a circular disk, F, upon which umbrellas may rest, said circular frame and disk being secured to and rendered
10 capable of vertical adjustment upon said upright rod or tube by means of set-screws, all constructed and operating substantially in the manner and for the purpose described and set forth.
- 15 2. In an umbrella-displayer, the combination of an upright rod or tube, D, supported by and revolving in a suitable iron base, a circular disk, F, cast whole and comprising the hub F', rim *f*, and the circular and radial
20 ribs, as shown, and the circular frame E, for supporting the upper parts of umbrellas, said frame and disk being secured to and rendered capable of vertical adjustment upon said up-

right rod or tube by means of set-screws, all constructed and operating substantially in the 25 manner and for the purpose described and set forth.

3. The combination of an upright or tube, D, adapted to carry the circular frame E and disk F, and a suitable base in which said rod 30 or tube is mounted, and adapted to revolve, as shown, said base consisting of a hub, B, cast whole and having in its cylindrical sides dovetail mortises *b*, extending from its bottom part way to the top thereof, the feet A, having a 35 tenon, *a*, adapted to fit said mortises *b*, and a circular plate or washer, C, for holding said feet in place, and secured to the bottom of said hub B by a screw, *c*, all constructed and operating substantially as and for the purpose 40 specified.

FRANK R. HAZELTON.

Witnesses:

J. B. THURSTON,
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