

(No Model.)

W. F. MILLER.  
REVOLVING EXHIBITOR.

No. 352,707.

Patented Nov. 16, 1886.

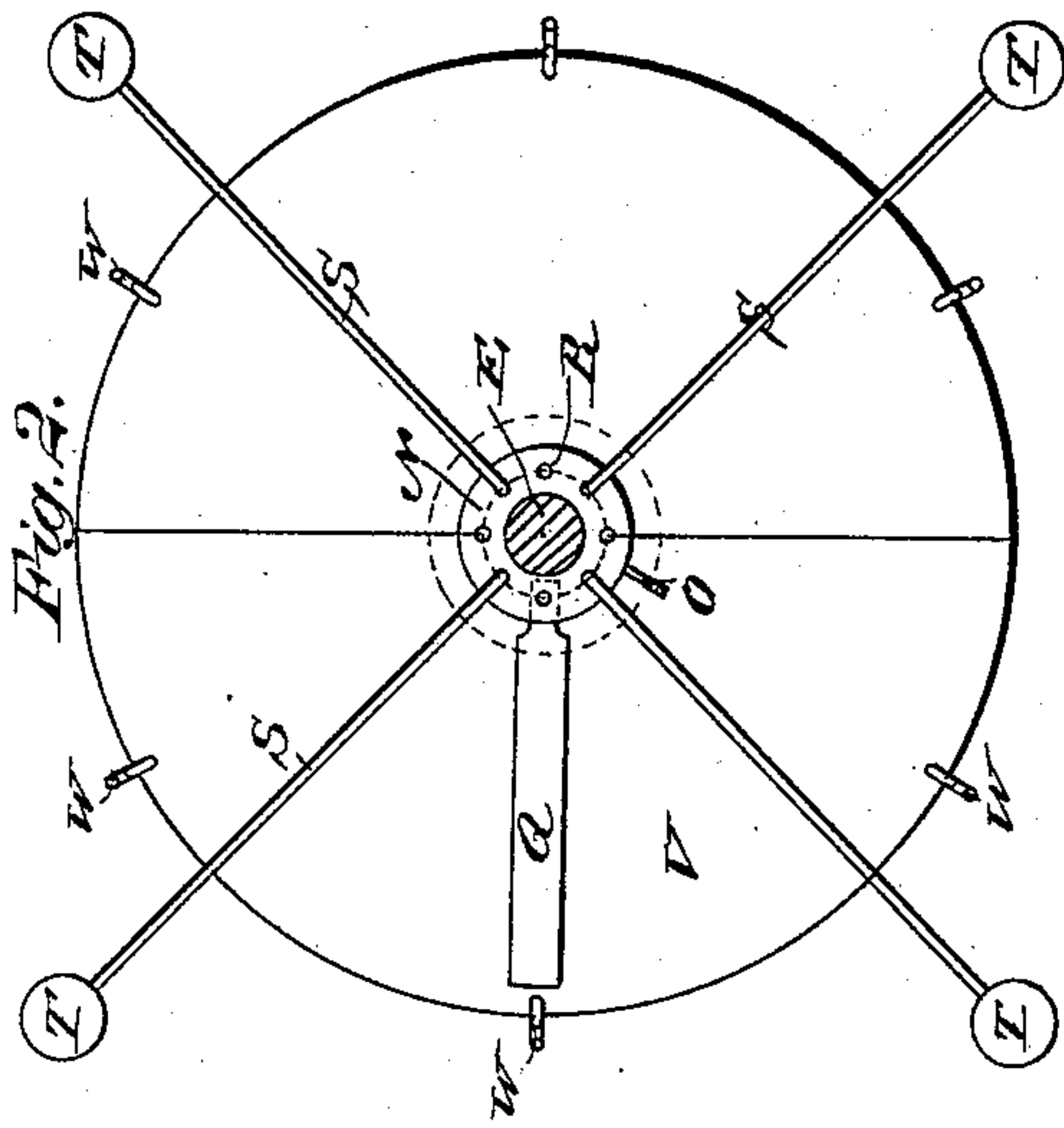


Fig. 3.

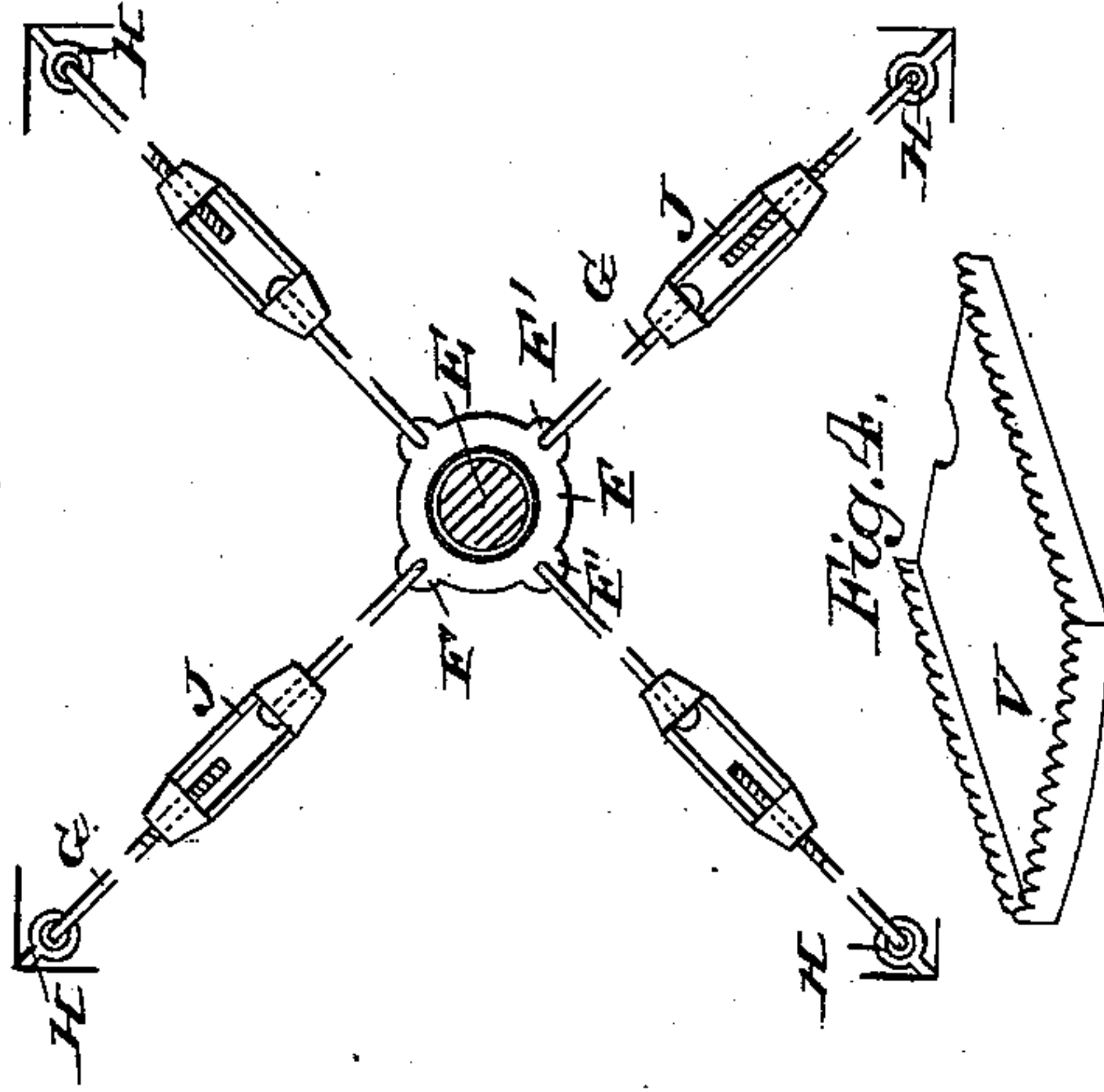
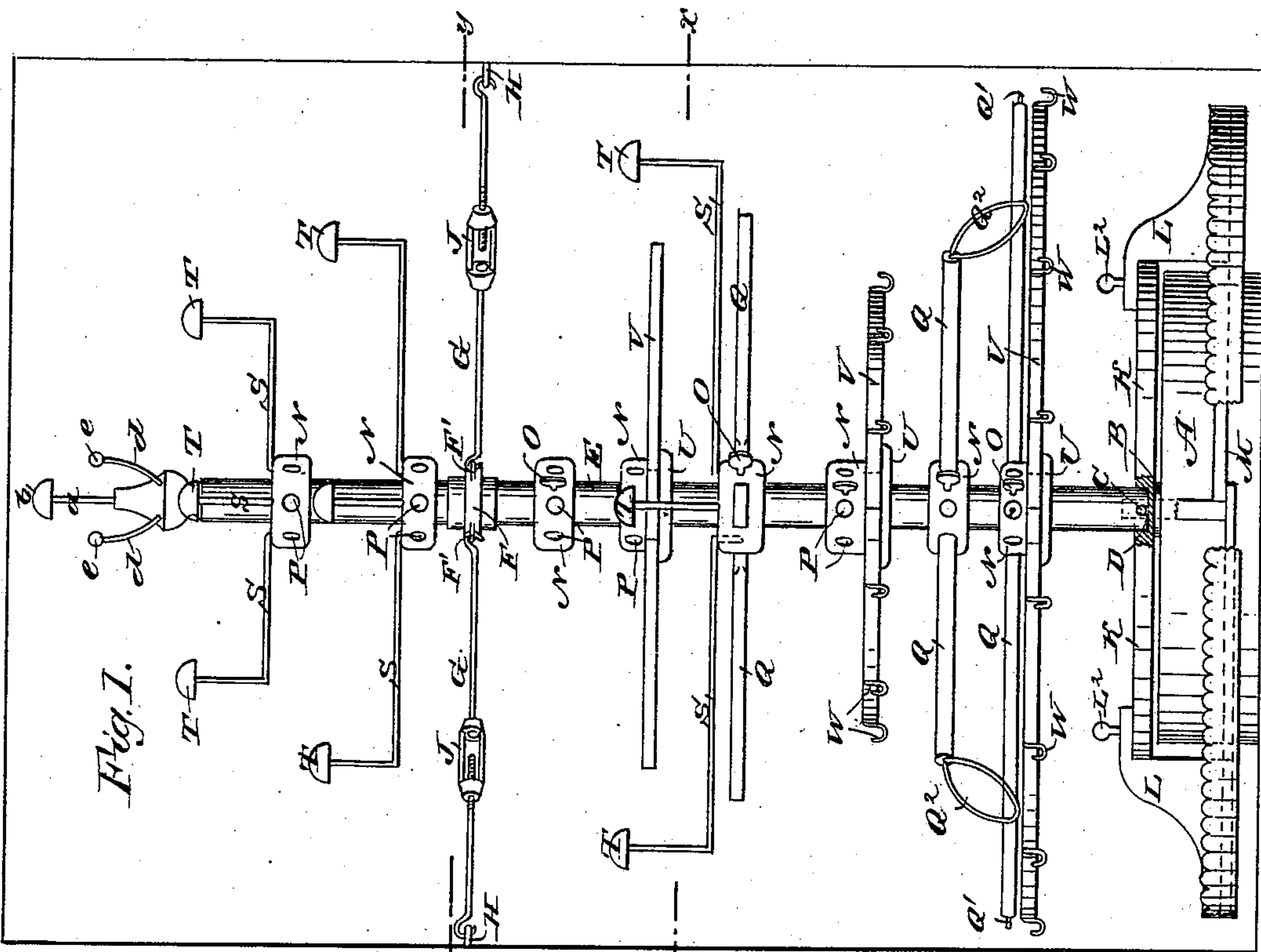


Fig. 4.



WITNESSES:

*W. F. Miller*  
*C. Sedgwick*

INVENTOR:

*W. F. Miller*

BY

*Mcinn & Co*

ATTORNEYS.



# UNITED STATES PATENT OFFICE.

WILLIAM F. MILLER, OF BUTLER, PENNSYLVANIA.

## REVOLVING EXHIBITOR.

SPECIFICATION forming part of Letters Patent No. 352,707, dated November 16, 1886.

Application filed October 7, 1885. Serial No. 179,239. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM F. MILLER, of Butler, in the county of Butler and State of Pennsylvania, have invented a new and Improved Exhibitor, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved revolving exhibitor for exhibiting dry-goods, notions, trimmings, hats, and caps, millinery goods, jewelry, and other articles to the greatest advantage.

The invention consists in the construction and combination of parts and details, as will be fully described and set forth hereinafter, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a front view of my improved exhibitor, parts being broken out. Fig. 2 is a sectional plan view of the same on the line *x x*, Fig. 1. Fig. 3 is a sectional plan view of the same on the line *y y*, Fig. 1. Fig. 4 shows a modified construction of the shelf.

The fixed circular base A is hollow and contains a motor for revolving an upwardly-projecting pin, B, having a cross-pin, C, which is passed into notches D in the lower end of a vertical shaft, E, which is passed loosely through a collar, F, at the upper part of said shaft, which collar has apertures F', for receiving hooks on the inner ends of brace-rods G, the hooks on the outer ends of said rods being passed through eyes or staples H on the sides of the show-window, or on any other fixed body. The said rods G are provided with turn-buckles J, for tightening them as much as may be desired. A circular plate, K, is secured on the top of the pin or pivot B and covers the base A.

Bracket-arms L, secured by thumb-screws L<sup>2</sup> on the plate K, project downward and outward from the same and support an annular shelf, M, surrounding the base, and having an ornamental metal border secured on its outer edge. The said annular shelf thus revolves with the pivot B and the plate K.

On the shaft E a series of hubs, N, are held by binding-screws O, and said hubs are provided with apertures P on their outer surfaces,

for securing the inner ends of flat or round arms Q, which then project radially from the same. Pins Q' or loops or hooks may be secured on the outer ends of the arms for holding articles of different kinds. For instance, the pins and hooks may be used for hanging jewelry, chains, &c., and the loops may be used for holding hats, fabrics, &c. The hubs N are also provided with apertures R in their upper edges, for receiving the inner ends of metal rods or arms S, having their outer ends bent upward, and circular blocks, heads, or pads T are secured on the upper ends of said upwardly-bent parts. Some of the hubs have flanges U at their lower edges for supporting circular or oblong shelves V, on the outer edges of which hooks W are secured.

From the top of the shaft E a rod, *a*, having a head, *b*, projects upward, and curved arms *d*, also having heads *e*, project upward from the top of the shaft and around the rod *a*.

Any desired number of arms Q may be placed on each hub, and the hubs may be shifted and arranged in different relative positions on the shaft E, as may be necessary. For example, the shelves may all be on the lower part of the shaft E, or one on the lower and the other on the upper part, and so on.

As shown, the circular shelves, arms, rods, &c., are arranged to form three pyramids or cones, one above the other; but, if desired, they may be arranged to form a single pyramid or cone, or the parts may be combined in any other suitable manner.

The shelves can be secured to the hubs in the shape of double winding stairs, or of a spiral, and any desired distance above the shelf V a flat arm may be secured in hubs parallel with the center of the shelf, on which arm articles may be displayed in an oblique position. The shelves may have ornamental metal borders on their outer edges similar to those on the shelves M. An example of a shelf with an ornamental border is shown in Fig. 4.

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

1. The combination, with the shaft E, of the hubs N, having a series of apertures, P, in their sides, and apertures R in their upper surfaces, and the arms Q S, engaging the aper-

tures P R, respectively, substantially as set forth.

2. In an exhibitor, the shaft E, in combination with the hub N, having the flange U around its lower edge, a series of apertures, P, in the side of the hub above the flange and a series of apertures in the top of the hub, a shelf resting on the flange, and arms engaging the apertures, substantially as set forth.

3. The combination, with the base A, the pivot B, having the cross-pin C, and means for rotating the pivot, of the shaft E, having a notch, D, in its lower end engaging the cross-

pin C, a series of adjustable hubs, N, on the shaft, and braces for the upper end of the shaft, substantially as set forth.

4. The combination, with the revolving pivot B, of the shaft E, carrying hubs provided with arms, the plate K, connected with the pivot B, the brackets L on the plate K, and the shelf M, secured on said brackets, substantially as herein shown and described.

WILLIAM F. MILLER.

Witnesses:

JOHN M. GREER,

WILLIAM H. MORRIS.