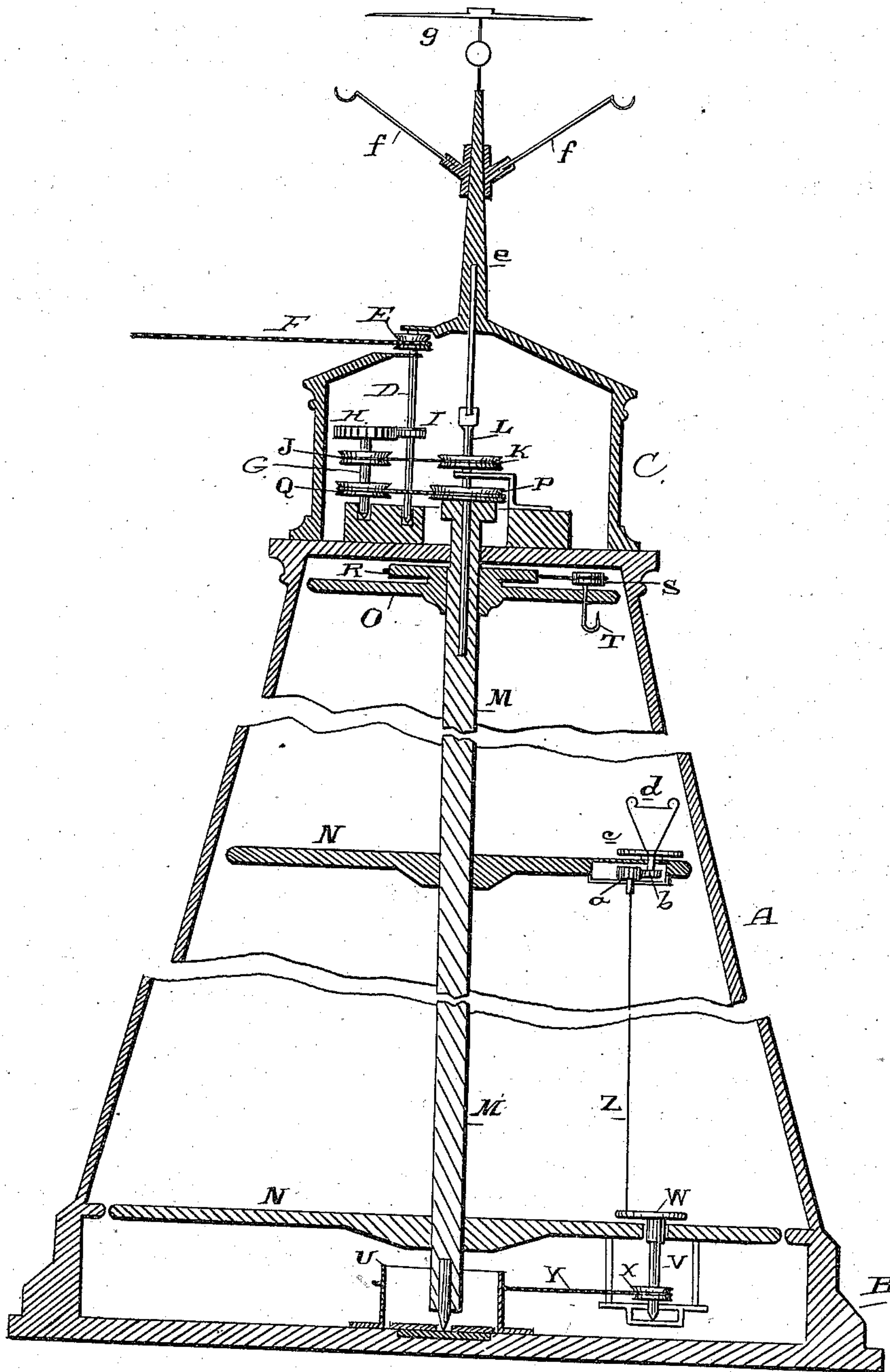


(No Model.)

C. H. TULLY.  
REVOLVING SHOW CASE.

No. 382,445.

Patented May 8, 1888.



Witnesses,  
Geo H Strong,  
Jt. House.

Inventor,  
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# UNITED STATES PATENT OFFICE.

CHARLES H. TULLY, OF MIDDLETOWN, CALIFORNIA.

## REVOLVING SHOW-CASE.

SPECIFICATION forming part of Letters Patent No. 382,445, dated May 8, 1888.

Application filed August 25, 1887. Serial No. 247,883. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES H. TULLY, of Middletown, Lake county, State of California, have invented an Improvement in Revolving Show-Cases; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a device for exhibiting goods; and it consists of a series of duplex revolving shelves, tables, or hangers arranged within an outer case with suitable driving mechanism, all of which will be more fully explained by reference to the accompanying drawing, in which the figure is a vertical section of my invention.

A is the exterior of my case, which is shown in the present case as conical and octagonal, or any other shape, with glazed sides supported upon a suitable box or base, B, and having above the upper part an ornamental tower, C, which serves to conceal the driving mechanism of the upper portion. Through one side of the roof or cap of this tower is a vertical shaft, D, having upon its upper end a pulley, E, around which a belt, F, passes from the driving-motor, which may be an engine, clock-work, or an electrical motor, as desired. The lower end of this pulley-shaft is stepped in a bearing at the bottom of the cap of tower, and a short vertical shaft, G, is journaled so that it stands parallel with the first-named shaft. A gear-wheel, H, upon its upper end is engaged by a corresponding pinion, I, upon the driving-shaft, and by means of a pulley, J, and a belt extending from this pulley to the pulley K on the shaft L power is transmitted to the vertical shaft or standard M, which carries the shelves N. Above the standard, and turning independently of it, is a disk or plate, O, having a shaft passing through the top of the case, and upon its upper end a pulley, P, which is operated from the counter-shaft by a pulley, Q, and a cross-belt, so that the shaft and disk O are driven in an opposite direction from the standard M and tables or shelves N.

A pulley, R, is fixed stationary in the upper part of the case, and has a belt passing around it and around another pulley, S, the shaft of which is journaled near the rim of the disk O, and, extending below, may have hooks T for

hanging articles upon, as shown. When the disk O rotates, carrying the hooks T around with it, these hooks are caused to rotate independent of the movement of the disk by means of pulleys R and S and the connecting-belt. The shaft extends down into the base B below the case A, and around this shaft is a belt-pulley or drum, U, which is fixed stationary in the base B. A shaft, V, extends up through the lower shelf, N, having a table, W, upon its upper end for the reception of any articles to be exhibited. This shaft carries a pulley, X, and a belt, Y, from this pulley to the stationary pulley U serves to give motion to the shaft V and table W as the main table is revolved. From the table W a rod or wire, Z, extends upward into the table N, and has attached upon its upper end a pinion, a, which engages a pinion, b, beneath the surface of the table c, and by this mechanism the revolution of the lower table, W, imparts motion to the table c by means of the rod Z and pinions a and b.

Upon the table c may be supported a rack, d, or other suitable device for exhibiting goods, and it will be seen by this construction that the various tables, being caused to rotate in opposite directions, will produce a very effective exhibition of articles that may be placed upon them. Through the upper part or roof of the top of the structure extends a shaft, e, and the upper end of the shaft L is connected with it, so as to drive the shaft e.

Various suspending hooks or arms f may be supported from the spindle e, and upon the vertex, which forms a hardened point, is suspended a magnetic needle.

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

1. The vertical central shaft and tables within the stationary outer case, the counter-shaft in the upper part of the structure and to one side of the central shaft, gears and pulleys carried by said shafts, whereby said central shaft is caused to rotate, an underlying disk supported and loosely journaled about the central axis, and pulleys by which it may be rotated in the opposite direction from this axis, in combination with a stationary pulley, R, in the upper part of the case and a belt extending from said pulley to a pulley, S, upon the



shank of the hook T, whereby the latter will be rotated, substantially as herein described.

2. The stationary case, with the vertical central shaft and tables, mechanism whereby they  
5 are rotated, in combination with supplemental tables W and shafts V in the base of the case journaled around the periphery of the main tables and having pulleys upon the shafts, a  
10 stationary central drum, U, at the base of the central shaft, around which belts pass to the pulleys X, so that the latter and the tables W are caused to rotate, substantially as herein described.

3. The exterior case, with the vertical central rotating shaft and tables and gearing  
15 whereby it is driven, the supplemental tables upon the lower of the main tables, with their shafts, pulleys, and belts, whereby they are rotated, in combination with the shaft extending from the lower tables, W, through the upper  
20 tables, N, having gears *a* upon their upper

end which engage with corresponding gears in the supplemental upper tables, *c*, whereby they are caused to rotate in opposite directions while being carried around by the main  
25 tables N, substantially as herein described.

4. In combination with the stationary outer case, the interior revolving shafts and tables, and the pulleys, shafts, and gears by which they are driven, the vertical shaft extending  
30 upwardly from the roof of the structure, having the projecting arms *f*, with suspending hooks, and magnetic needle upon the vertex of the shaft *e*, said shaft being rotated in conjunction with the interior tables and mechanism,  
35 substantially as herein described.

In witness whereof I have hereunto set my hand.

C. H. TULLY.

Witnesses:

GEO. H. STRONG,  
S. H. NOURSE.