

No. 887,716

PATENTED MAY 12, 1908.

J. T. XANDER.
DISPLAY RACK.

APPLICATION FILED NOV. 16, 1907.

Fig. 1.

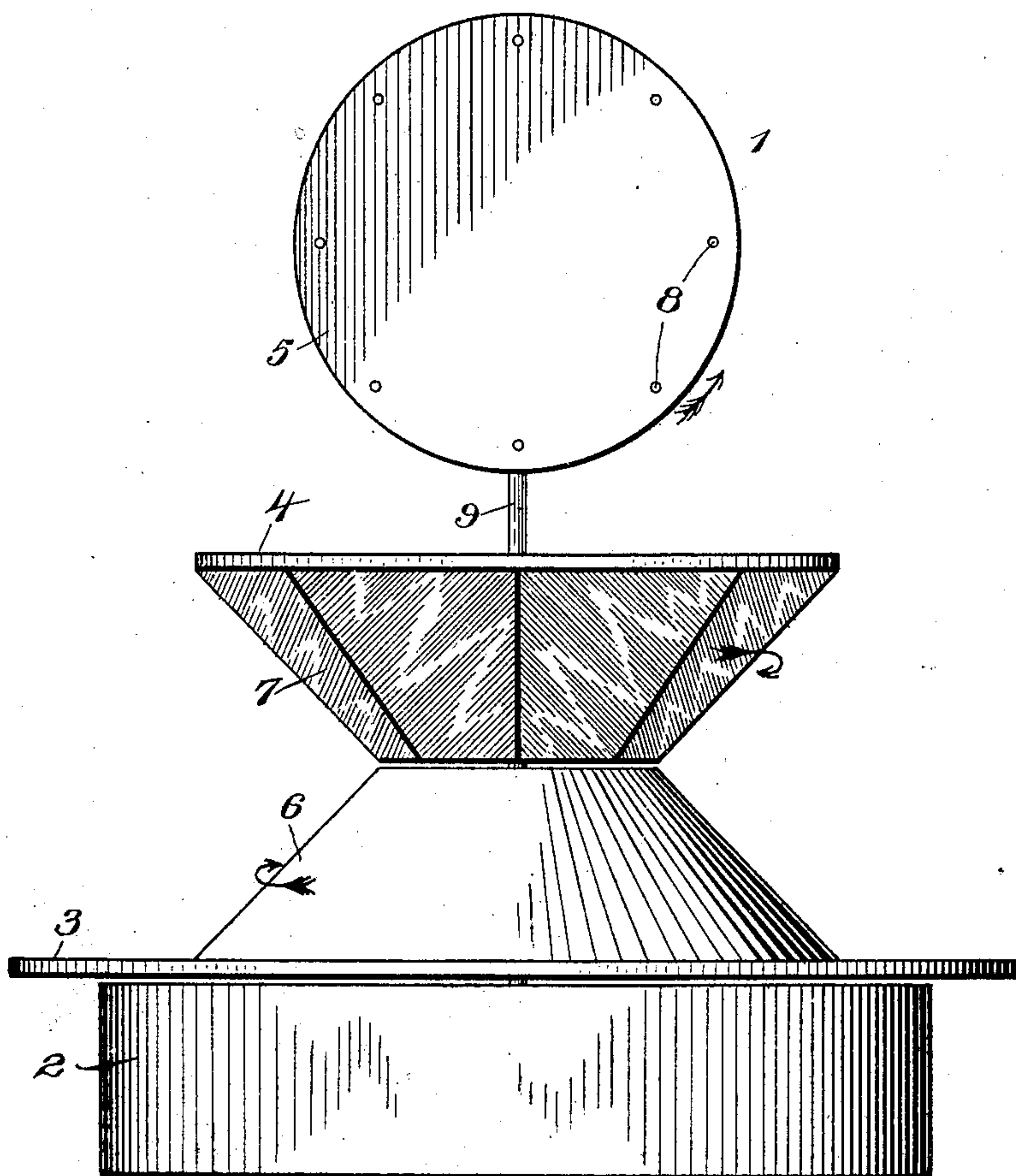
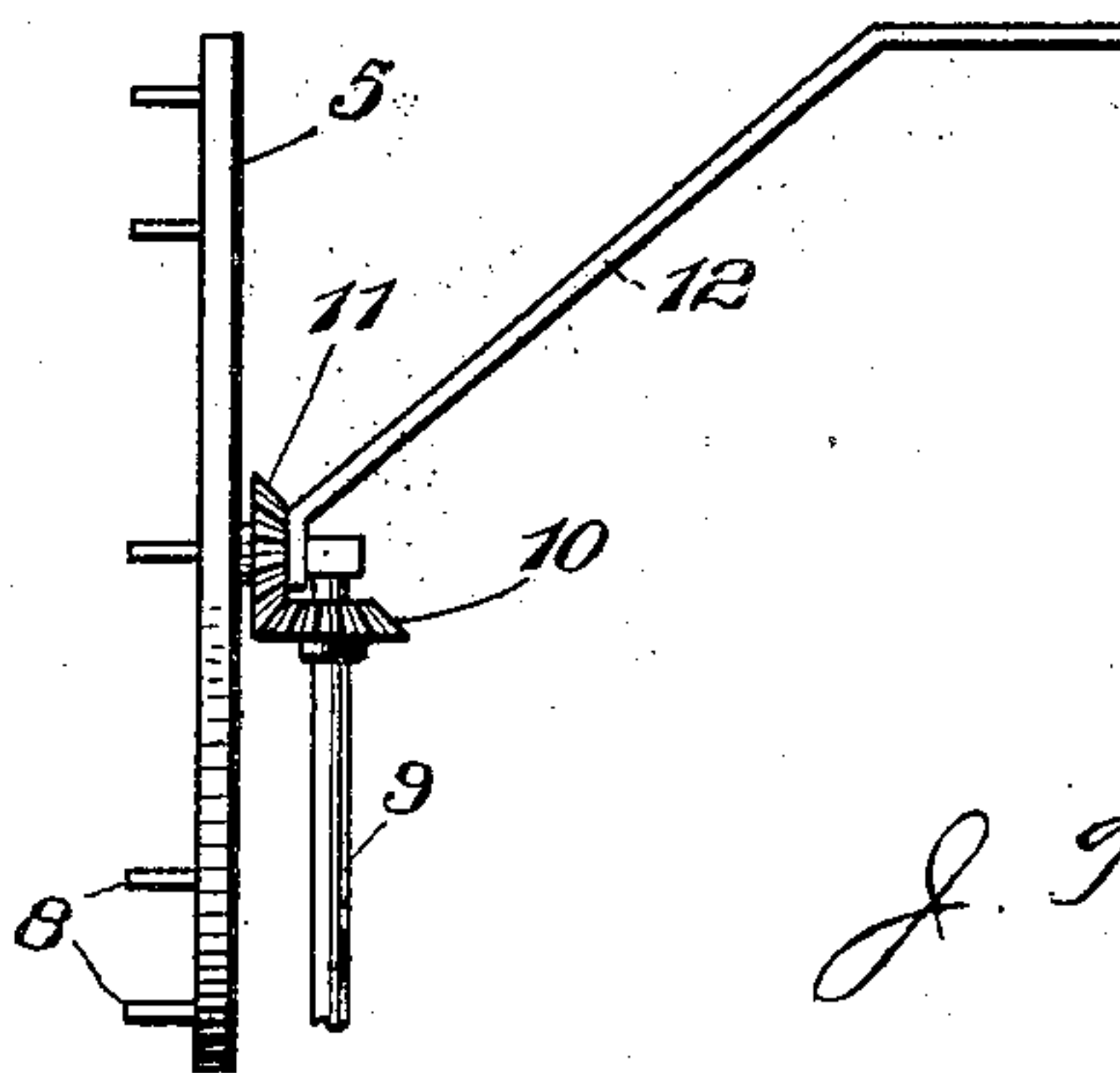


Fig. 2.



Witnesses

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UNITED STATES PATENT OFFICE.

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DISPLAY-RACK.

No. 887,716.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JONATHAN T. XANDER, a citizen of the United States, residing at South Bethlehem, in the county of Northampton and State of Pennsylvania, have invented certain new and useful Improvements in Display-Racks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to display racks and has for its object to provide a novel display rack wherein goods placed thereon for display are reflected in such manner that mirrors employed show the goods in a position different from the position of the goods on the rack. This arrangement is particularly adapted to be used where there are two parts of the rack rotating in opposite directions.

My invention consists in the novel construction and arrangement of two rotating parts of a display rack upon which goods are displayed.

Referring to the accompanying drawing: Figure 1 is an elevation of a display rack constructed in accordance with my invention, and Fig. 2 is an edge view of the rotating disk.

Referring to the figures by reference numerals: 1 indicates the display rack which comprises the base 2, lower rotating table 3, upper rotating table 4 and rotating disk 5. The base 2 incloses a suitable motor for rotating the display rack, or as is evident, external power can be employed for rotating the several parts of the display rack. Upon the lower rotating table 3 I provide a frustum shaped mound 6, and under the upper rotating table 4 I provide a similarly shaped mound 7, the smaller ends of the frustum meeting each other as clearly shown. The mound 6 is covered with any suitable material, such as velvet or the like, upon which the goods are placed, and the goods can also be arranged upon the table 3 in any artistic manner. The upper table 4 is also arranged to receive goods for display, while the rotating disk 5, being provided with hooks or pins 8 on the faces thereof, also receives goods for display. By means of suitable

mechanism the lower rotating table 3 and frustum shaped mound 6 rotate in one direction, while the upper rotating table 4 and its frustum 7 rotate in the opposite direction, a central shaft 9 being employed to which shaft 9 the upper rotating table 4 is secured and rotates with the shaft 9. Any other suitable means can be employed for rotating the lower table 3 in a reverse or opposite direction.

Referring to Fig. 2 it will be seen that the shaft 9 is provided near its upper end with a beveled pinion 10, while the rotating disk 5 is also provided with a beveled pinion 11 in mesh with said pinion 10. A brace or bracket 12 upon which the disk 5 is journaled supports said disk holding its pinion 11 in mesh with the pinion 10 on the shaft 9.

As shown in Fig. 1 the frustum 7 on the upper table 4 is formed of a series of mirrors which gives said frustum any desired number of faces, the number of faces, being, of course, immaterial to the invention.

Having thus fully described the several parts of my invention its operation is as follows: Goods being arranged on the frustum mound 6 and lower table 3, and said lower table and mound being rotated the goods are successively brought into view. The upper table 4 and frustum 7 rotating in the opposite direction reflect the goods displayed on the lower table 3 and mound 6 as said goods are successively brought into view. While the mirror faces of the frustum 7 reflect the goods displayed on the mound 6 and table 3 it must be understood that the goods are reflected upside down or in a reverse position. The effect of this arrangement is that the goods displayed upon the lower table 3 and mound 6 furnish a double display inasmuch as the goods are viewed simultaneously in two different positions. It is also apparent that a greater display can be effected with a lesser number of articles with this arrangement than is possible without the frustum shaped mound.

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

1. A display rack comprising a lower rotating table having thereon a frustum shaped mound, said table and mound being arranged to receive goods for display, an upper rotatable table having thereon a reflecting frustum, said table being arranged to re-

ceive goods for display and the said frustum being arranged to reflect the goods displayed on the said lower rotatable table and frustum shaped mound in such manner that the
5 goods displayed on the said lower rotatable table and frustum shaped mound are viewed simultaneously in two different positions.

2. A display rack of the character described, comprising a frustum shaped mound upon which goods are to be placed
10 for display and a reflecting frustum above said frustum shaped mound for reflecting the goods displayed on said frustum shaped mound.

3. A display rack of the character described, comprising a rotatable frustum shaped mound upon which goods are to be placed for display, an inverted rotatable
15 frustum associated with said frustum shaped mound for reflecting the goods displayed on said frustum shaped mound.

4. A display rack of the character described, comprising a rotatable table upon

which goods are to be placed for display, a rotatable frustum above said table for re- 25 flecting the goods placed on said table for display.

5. A display rack of the character described, comprising a lower rotatable table having thereon a frustum shaped mound to
30 receive goods for display, an upper rotatable table having thereon a reflecting frustum for reflecting the goods placed on said lower rotatable table and frustum shaped mound, and a rotatable disk above said upper rota- 35 table to receive goods for display, the axis of said disk being at right angles to the axis of said upper rotatable table, substantially as described.

In testimony whereof, I affix my signature, 40 in presence of two witnesses.

JONATHAN T. XANDER.

Witnesses:

MARY ELLEN XANDER,
DANIEL FRIEBELY.