

(No Model.)

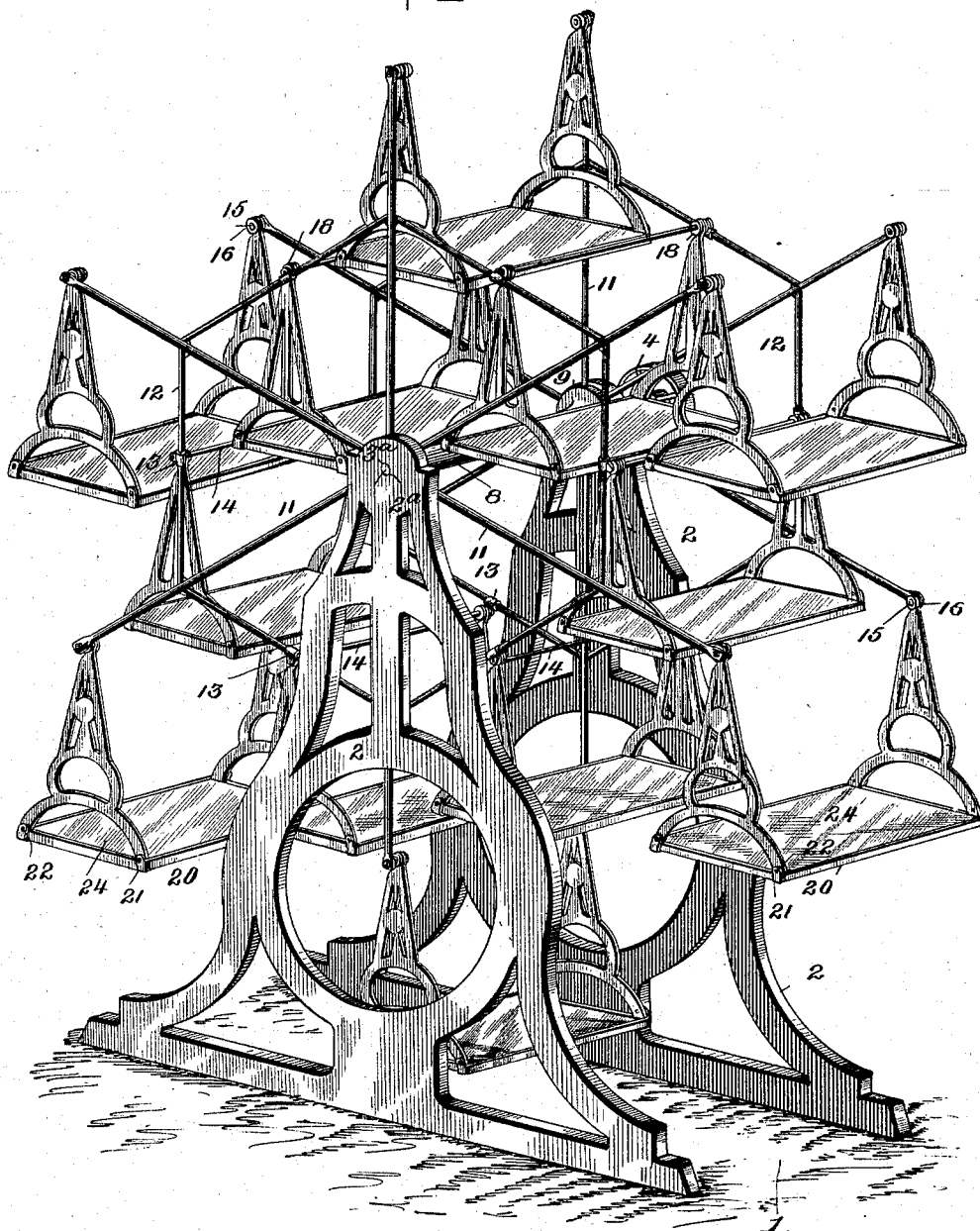
2 Sheets—Sheet 1.

F. A. JEWETT.
ROTARY DISPLAY RACK.

No. 518,526.

Patented Apr. 17, 1894.

Fig. 1.



Witnesses

John I. mine
Walter Allen

Inventor
Francis A. Jewett.
By *Knigh Bros.*
Attorneys.

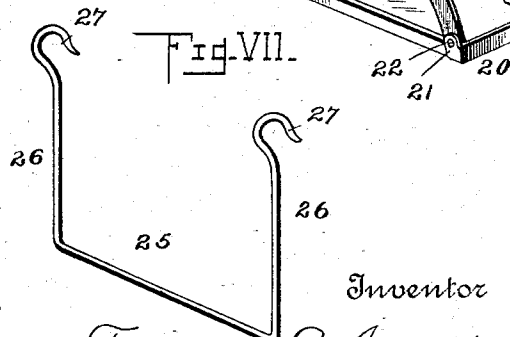
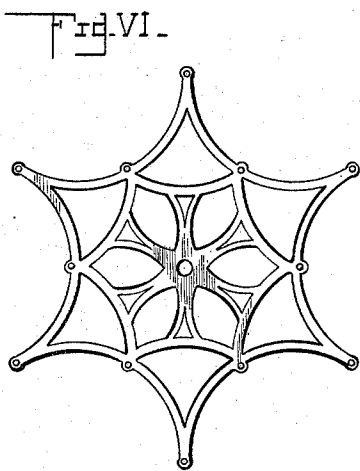
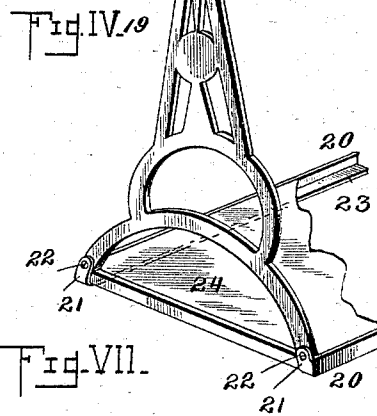
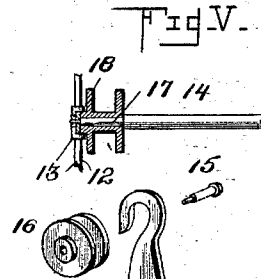
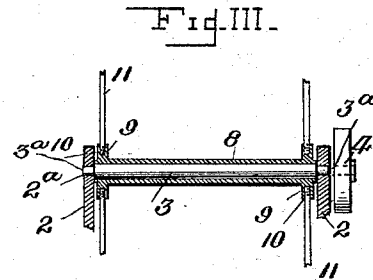
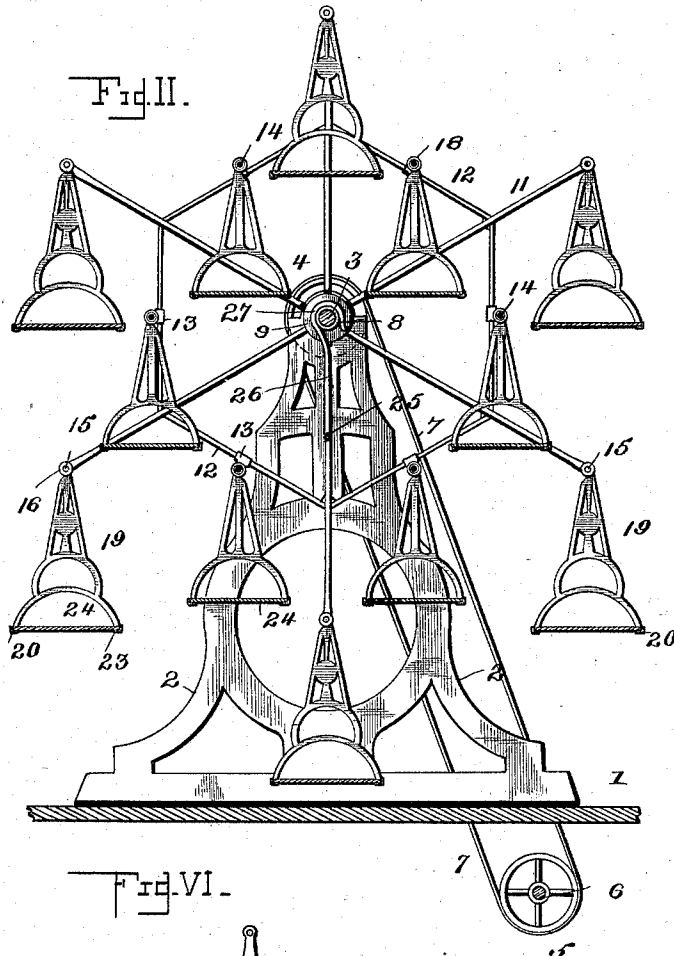
(No Model.)

2 Sheets—Sheet 2.

F. A. JEWETT.
ROTARY DISPLAY RACK.

No. 518,526.

Patented Apr. 17, 1894.



Witnesses
John Smirle
Walter Allen

Inventor
Francis A. Jewett.
By *Knight Bros.* Attorneys.

UNITED STATES PATENT OFFICE.

FRANCIS A. JEWETT, OF SAUGERTIES, NEW YORK, ASSIGNOR TO MARTIN CANTINE, OF SAME PLACE.

ROTARY DISPLAY-RACK.

SPECIFICATION forming part of Letters Patent No. 518,526, dated April 17, 1894.

Application filed December 29, 1893. Serial No. 495,141. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS A. JEWETT, a citizen of the United States, and a resident of Saugerties, in the county of Ulster and State of New York, have invented certain new and useful Improvements in Rotary Display-Racks, of which the following is a specification.

My invention relates to a rotary display rack adapted to be used in stores and store windows for exhibiting articles placed thereon and my improvement consists in features of novel construction hereinafter described and claimed.

In order that my invention may be fully understood I will proceed to describe it with reference to the accompanying drawings, in which—

Figure I is an isometric perspective view of my improved rotary display rack. Fig. II is a vertical longitudinal section thereof. Fig. III is a detail section of the main bearing. Fig. IV is a detail perspective view of a hanger. Fig. V is a detail cross-section showing the connection between the hanger and the wheel. Fig. VI is a modified form of wheel. Fig. VII is a modified form of hanger.

1 is the floor of a store window or the top of a store counter which provides a support for my improved rotary display rack.

2 is a pair of standards, preferably of skeleton form as shown so as to add the appearance of lightness thereto, and at the same time permitting the articles located upon the hangers to be seen therethrough. These standards are formed at the top with journal bearings 2^a for a horizontal main shaft 3 having reduced ends 3^a mounted in the bearings. On one end of the shaft is fixed a band pulley 4 connected with another band pulley 5 on a driving shaft 6 by means of a band or belt 7 for imparting rotary motion to the rack.

Surrounding the main shaft and secured rigidly thereto between the standards is a vertical wheel having a sleeve 8 provided with annular flanges or collars 9 formed with radial sockets 10 extending through their peripheries for the reception of the inner ends of radial rods or spokes 11 by which the hangers are supported. The radial rods or spokes are braced by means of circumferen-

tial connecting rods 12 forming an inner hexagonal frame located between the inner and the outer ends of the radial rods or spokes. The connecting rods are provided with brackets 13 located midway between the radial rods or spokes for the support of cross rods 14. To the ends of the radial rods or spokes are secured by means of suitable nuts the transverse headed studs 15 on which are mounted grooved anti-friction rollers 16 for the support of an outer series of hangers. The cross-rods 14 are formed with reduced ends 17 on which are mounted grooved anti-friction rollers 18 for the support of an inner series of hangers.

In Fig. VII I have shown a modified form of wheel in which I substitute a casting for each set of radial rods or spokes and secure the castings rigidly to the sleeve.

My hangers are each constructed with a pair of frames 19 each frame having a hook at its upper end for engaging a roller, and at their lower ends the frames are connected by means of strips 20 formed with lips 21 secured by screws 22 to the frames, and with horizontal flanges 23 forming seats for shelves 24 preferably of glass or some other transparent or bright material.

In Fig. VII I have shown a modified form of hanger having a cross bar 25, and vertical arms 26 formed with hooks 27 for engaging the frame rollers. One of the hangers could be suspended from the sleeve on the main shaft if desired as shown in section in Fig. II.

Having thus described my invention, the following is what I claim as new therein and desire to secure by Letters Patent:

1. A rotary display rack comprising a horizontal shaft, and a vertical wheel-frame having an inner and outer series of hangers, substantially as described.

2. A rotary display rack comprising a pair of standards, a main shaft, a vertical wheel-frame having a sleeve fixed on the main shaft, and provided with radial spokes having grooved anti-friction rollers, and the removable hangers having hooks by which they are supported on the rollers, substantially as described.

3. A rotary display rack comprising a pair of standards, a main shaft, a sleeve having

collars, radial rods or spokes extending from the collars, circumferential connecting rods located midway of between the radial rods or collars, having brackets, anti friction grooved
5 rollers mounted on the brackets, and the removable hangers having hooks by which they are supported on the rollers, substantially as described.

4. A rotary display rack comprising a pair
10 of standards, a main shaft, a vertical wheel-frame having a sleeve mounted on the main shaft, and provided with an inner and outer

circumferential series of anti friction grooved rollers, and inner and outer series of removable hangers, substantially as described. 15

5. A hanger constructed with a pair of side frames, strips having horizontal flanges, providing shelf supports, and lips, and fastenings by which the lips are secured to the side frames, substantially as described.

FRANCIS A. JEWETT.

Witnesses:

SAMUEL W. MERCLEAN,
WILLIAM H. HOWARD, Jr.