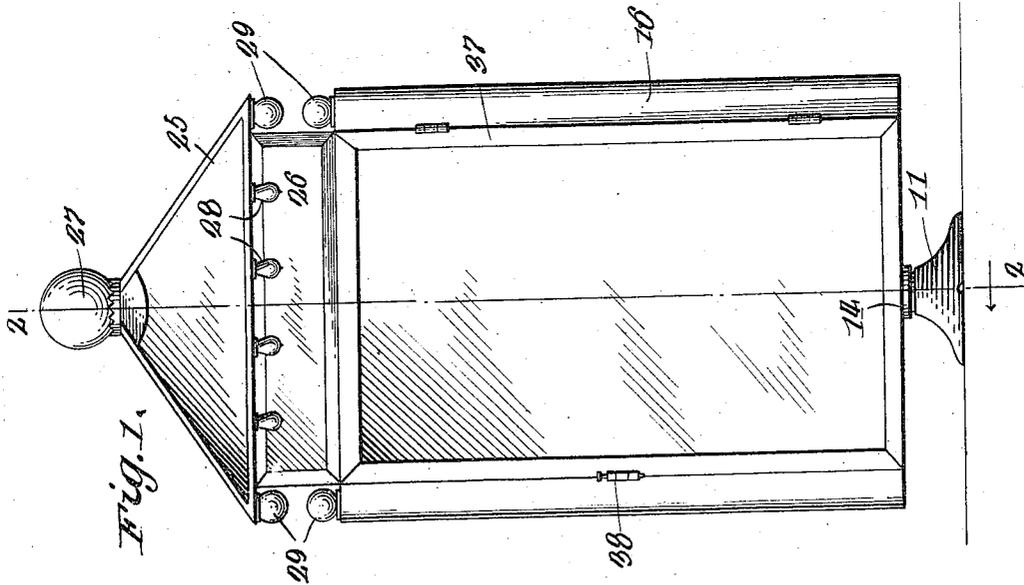
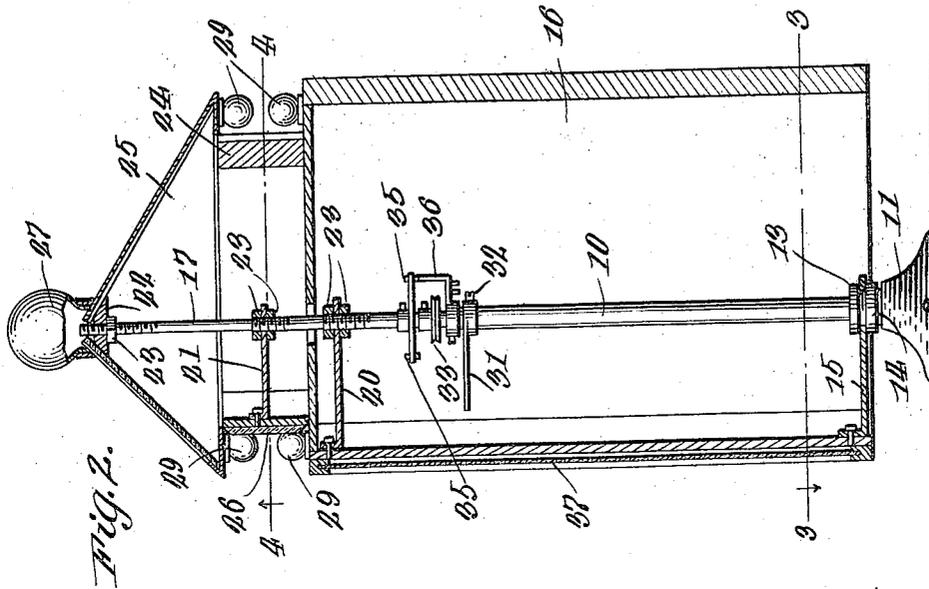


R. P. GONZALES.
 ROTARY DISPLAY DEVICE.
 APPLICATION FILED AUG. 12, 1916.

1,237,502.

Patented Aug. 21, 1917.

2 SHEETS—SHEET 1.



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Fig. 3.

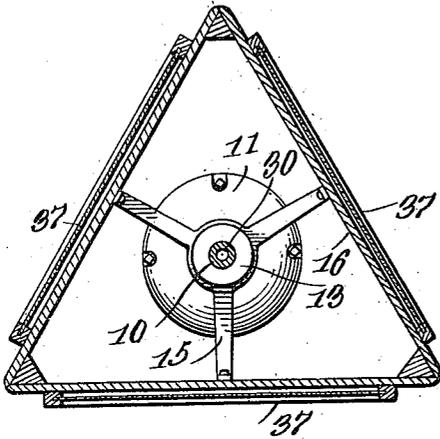


Fig. 4.

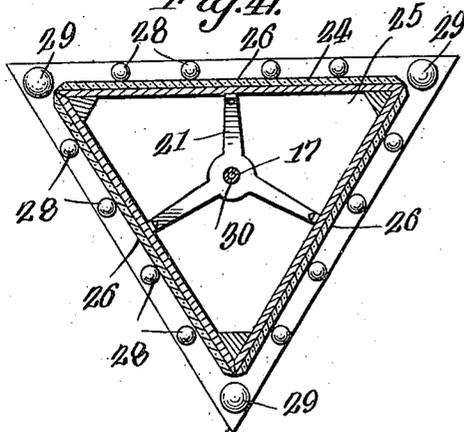
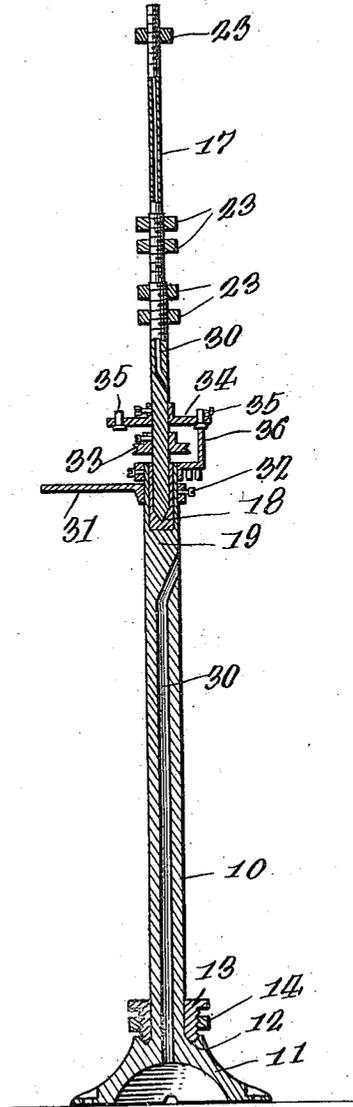


Fig. 5.



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UNITED STATES PATENT OFFICE.

RICHARD P. GONZALES, OF SHREVEPORT, LOUISIANA.

ROTARY DISPLAY DEVICE.

1,237,502.

Specification of Letters Patent.

Patented Aug. 21, 1917.

Application filed August 12, 1916. Serial No. 114,605.

To all whom it may concern:

Be it known that I, RICHARD P. GONZALES, a citizen of the United States, residing at Shreveport, in the county of Caddo and State of Louisiana, have invented certain new and useful Improvements in Rotary Display Devices, of which the following is a specification.

This invention relates to an improved revolving display rack for posters and the principal object of the invention is to provide a display rack having an improved type of standard for rotatably mounting the rack, the upper portion of the standard being separate from and rotatably carried by the lower portion and carrying a contact plate having contact points for engagement with a contact carried by the lower portion of the standard thus intermittently illuminating the display frame as it rotates.

Another object of the invention is to so construct this display frame that the posters may be easily put in place, they being fastened upon the walls of the frame and covered by protecting doors.

Another object of the invention is to so construct this frame, that the upper portion of the standard may be rotated by means of a suitable motor mounted upon a platform connected with the lower portion of the standard.

Another object of the invention is to so construct this device that a carrying frame of any suitable shape may be used in connection with the standard.

The invention is illustrated in the accompanying drawings, wherein:—

Figure 1 is a view showing the improved revolving poster holder in side elevation,

Fig. 2 is a vertical section view through the poster holder taken along the line 2—2 of Fig. 1,

Fig. 3 is a transverse sectional view taken along the line 3—3 of Fig. 2,

Fig. 4 is a transverse sectional view taken along the line 4—4 of Fig. 2, and

Fig. 5 is a view showing the standard in vertical section.

The standard 10 is provided with an enlarged base or supporting foot 11, the upper face of which is grooved to provide a seat 12 to receive the collar 13 which collar is threaded and carries a securing nut 14. A yoke 15 fits upon this collar 13 and is provided with arms which are secured to the walls of the carrying frame 16. It will thus

be seen that this carrying frame will be rotatably connected with the base portion of the standard.

The upper portion 17 of this standard 10 is separate from the lower portion and is tapered throughout its length, the lower portion being pointed and fitting into a bushing 18 which is placed in a socket 19 formed in the upper portion of the lower standard. It will thus be seen that the upper portion of the standard will be rotatably mounted and that the wear will come upon the bushing 18 which may be removed and replaced with a new bushing when worn. This upper portion of the standard is threaded so that the yokes 20 and 21 and blocks 22 may be mounted upon the upper portion of the standard and held in place by the securing nuts 23. The yoke 20 is connected with the upper portion of the carrying frame 16, the yoke 21 is connected with the neck 24 of this carrying frame and the blocks 22 support the upper portion of the head 25 of the carrying frame. Mirrors 26 may be secured to the neck 24 and the head 25 may be provided with colored glasses or with glasses having advertisements shown thereon. The terminal 27 is in the form of a globe which will be positioned about a suitable electric bulb and in order to illuminate the sign there has also been provided electric bulbs 28, the corner ones of which will be positioned within globes 29. Conduits 30 are provided in the standard so that cables may be passed through them to supply current for the bulbs and also for the motor which will be mounted upon the platform 31 secured to the upper end of the lower portion of the standard and held in place by the set screw 32. A pulley wheel 33 is secured to the lower end portion of the upper portion of this standard so that the upper portion of the standard may be rotated or if desired a gear wheel may be substituted for the pulley. A contact plate 34 which carries contact points 35 is rigidly secured to the upper portion of this standard above the pulley wheel and as it rotates, its contact points will engage the contact arm 36 which is secured to the upper portion of the lower standard above the platform 31. The wires have not been shown as it is not necessary for the illustration of this invention.

When in use, the posters or cards which it is desired to display will be secured to the

walls of the display frame 16 by thumb tacks or any other suitable device and the doors 37 will then be closed and held in the closed position by means of the fasteners 38. The motor will then be started and through the medium of the pulley wheel 33, will rotate the upper portion of the standard. As the carrying frame together with its neck and head are rigidly connected with the upper portion of this standard, this carrying frame will rotate. The lights upon each side of the frame will be connected with their respective contact points 35 and as these points engage the contact arm 36, the lights will be illuminated. The motor may be so wired that it will stop for a short period of time after each partial revolution, or it may be a continuous revolving motor according to the wishes of the person making use of the display device. This display frame has been shown as triangular in cross section but it is of course obvious that it could be made any shape desired, it being simply necessary to provide additional arms for the yokes in case additional faces are desired for the carrying frame. By removing the fasteners for the lower yoke 16, the carrying frame or body portion of the device may be raised carrying with it the upper portion of the standard and may thus be disconnected from the lower portion of the standard in order to permit necessary repairs or alterations to be made.

What is claimed is:—

35 1. A rotary display device comprising a standard including a stationary lower portion, an upper portion for the standard rotatably connected with the stationary lower portion, a contact arm extending from the stationary lower portion of said standard, a contact carrier carried by the movable upper portion of the standard and provided with contact points for engaging the contact arm of the stationary lower portion of the

standard as the upper portion rotates, and a body rigidly connected with the rotatable upper portion of the standard. 45

2. A rotary display device comprising a standard including a lower portion having a socket formed in its upper end, a bushing fitting into said socket, an upper portion for the standard fitting into said bushing, a contact arm extending from the stationary lower portion of said standard, a contact plate carried by the movable upper portion of the standard and provided with contact points for engaging the contact arm of the stationary lower portion of the standard as the upper portion rotates, a carrying frame rigidly connected with the rotatable upper portion of the standard, and means for permitting rotation of the upper portion of said standard. 50 55 60

3. A rotary display device comprising a standard including a stationary lower portion, a tapered upper portion rotatably connected with the stationary lower portion and provided with threads at points throughout its length, yokes fitting upon the threaded portions of the upper portion of the standard, securing nuts screwed upon the threaded portion of the upper portion of the standard to securely hold the yokes in place, a collar rotatably mounted upon the lower portion of said standard, a securing nut threaded upon said collar, a yoke mounted upon said collar and held in place by the securing nuts thereof, a carrying frame rigidly connected with said yokes and positioned about said standard, and means permitting rotation of the upper portion of said standard. 65 70 75 80

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

RICHARD P. GONZALES.

Witnesses:

D. W. LOVE,

C. A. BAXTER.