

No. 616,826.

Patented Dec. 27, 1898.

F. A. DALY.
ILLUMINATED DISPLAY CABINET.

(Application filed Apr. 29, 1898.)

(No Model.)

2 Sheets—Sheet 1.

FIG. 1.

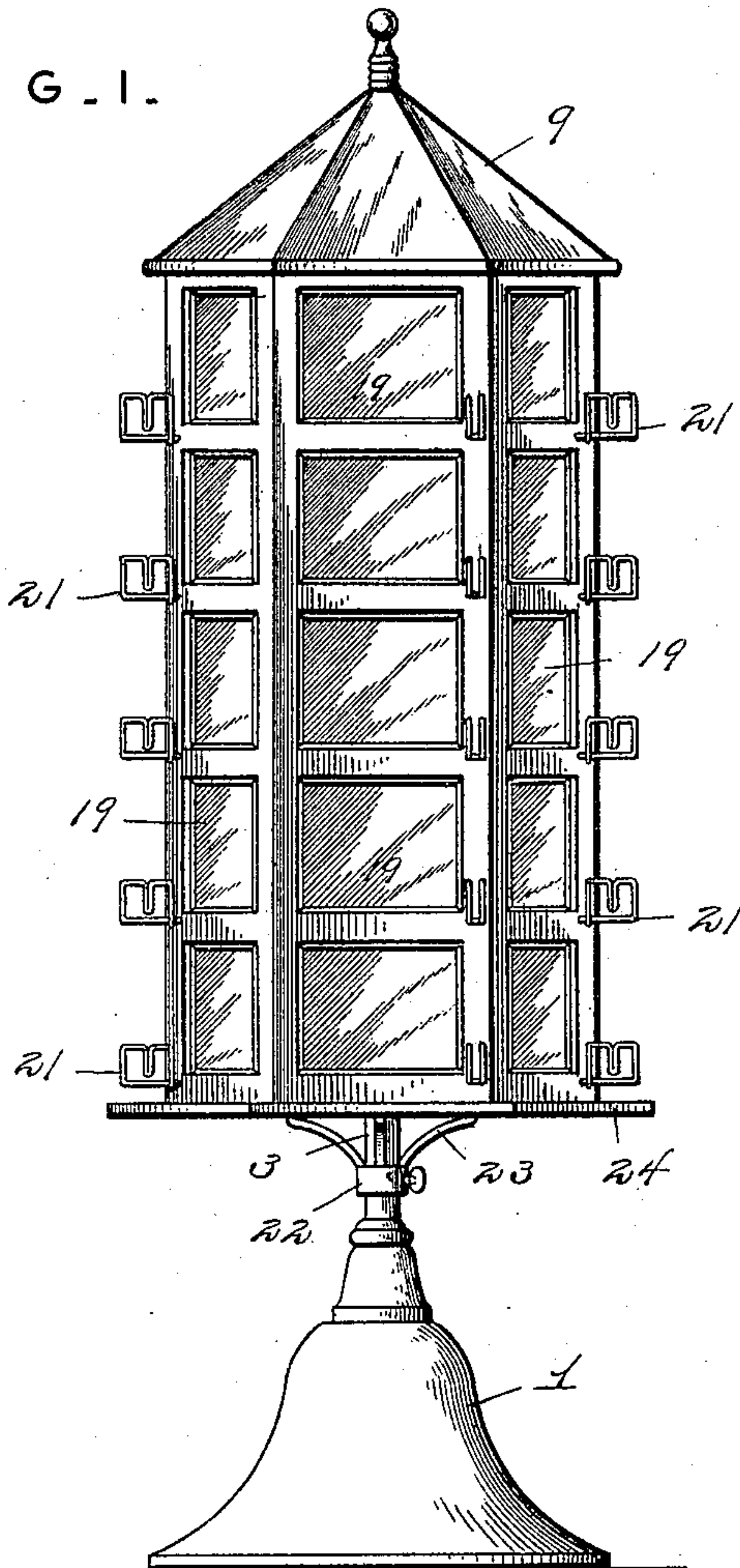
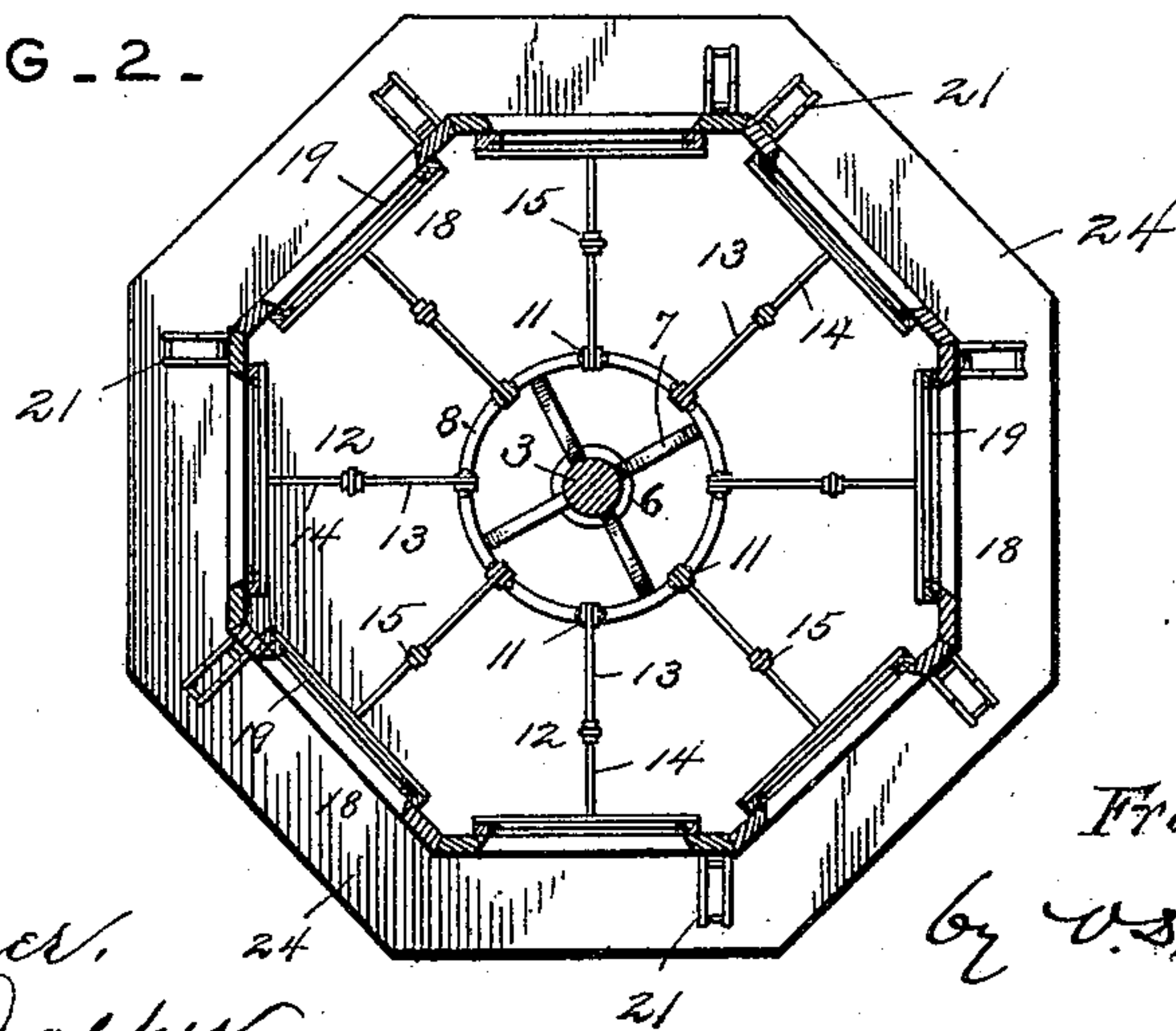


FIG. 2.



Witnesses

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FIG. 3.

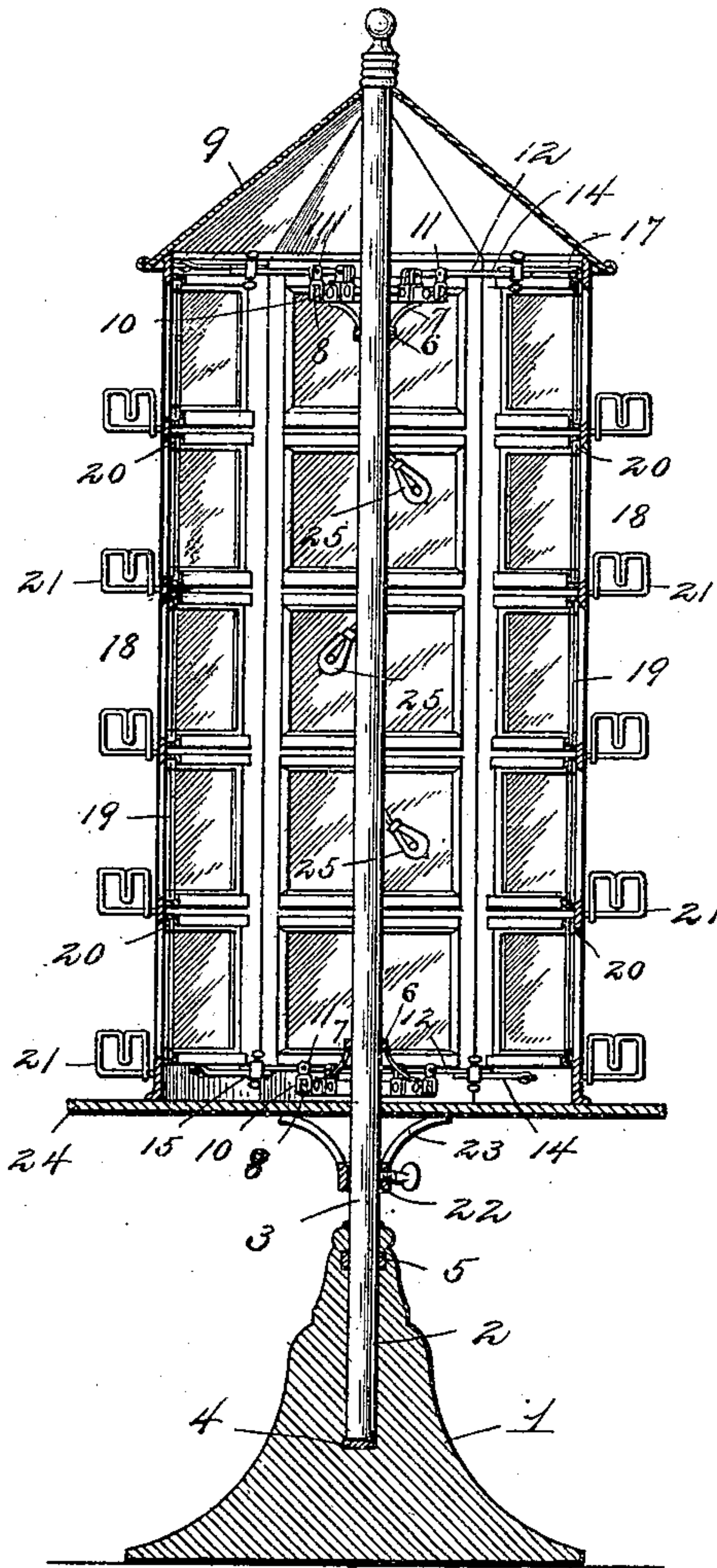


FIG. 7.

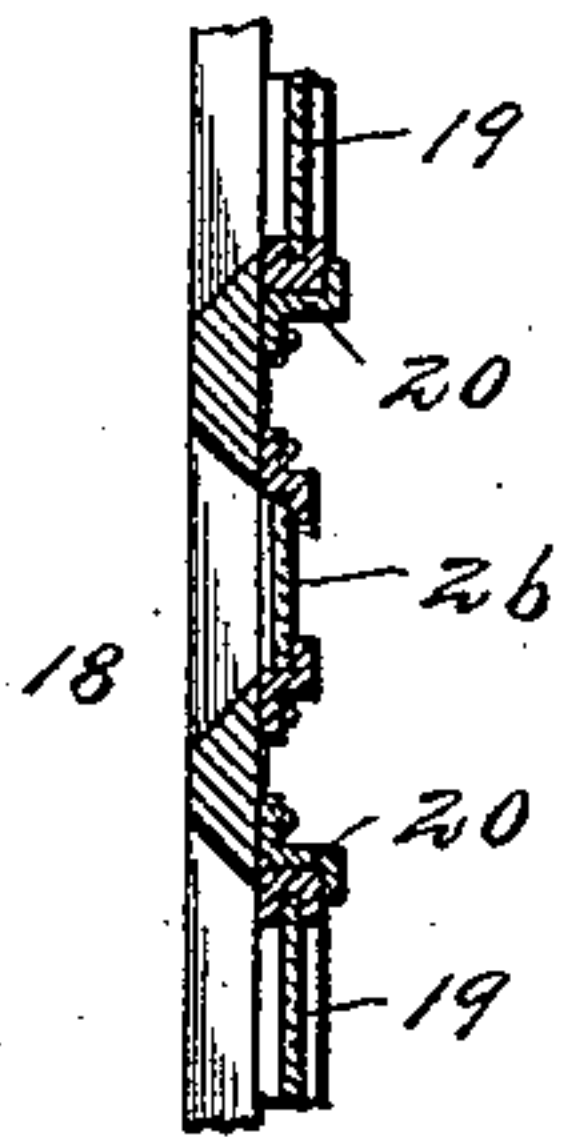


FIG. 5.

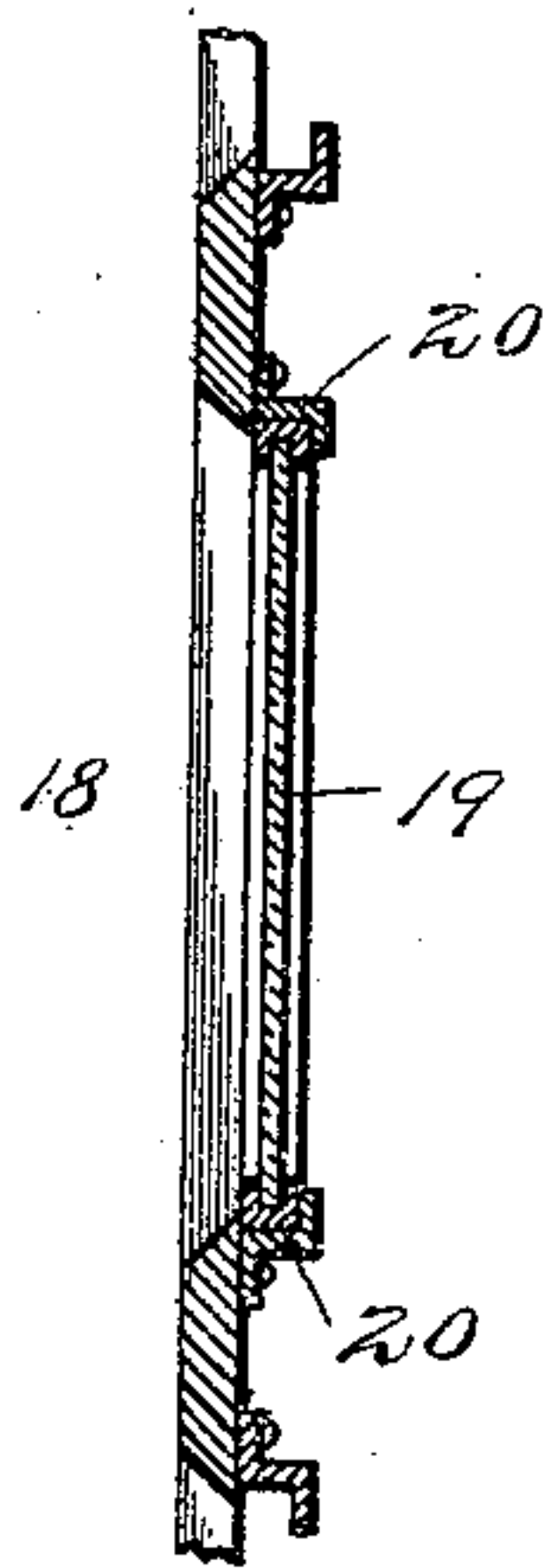


FIG. 6.

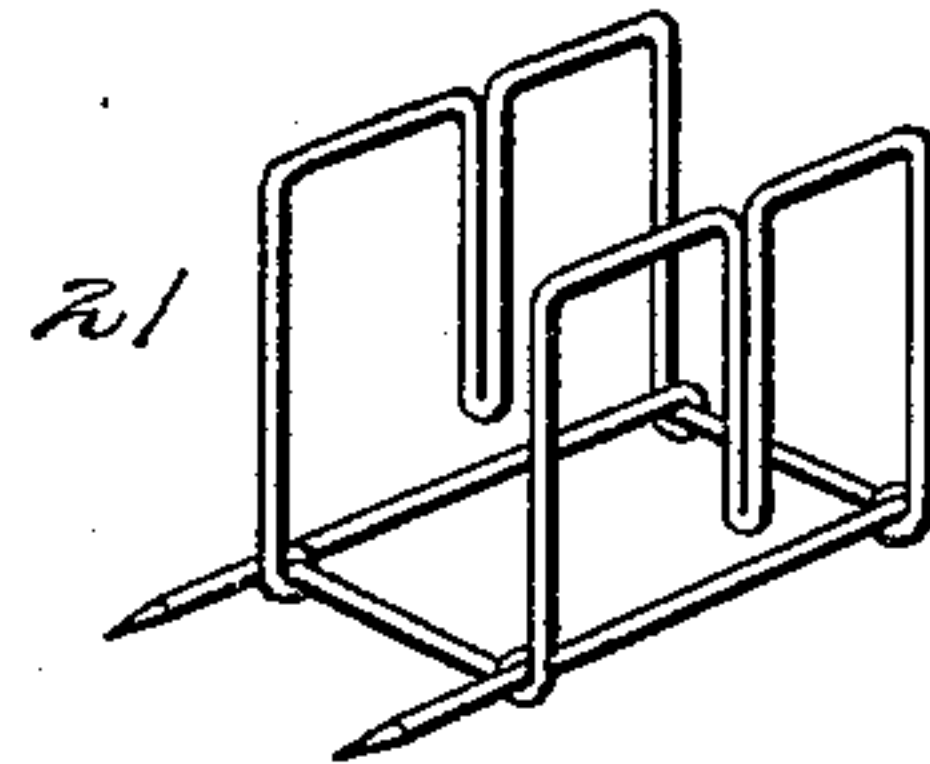
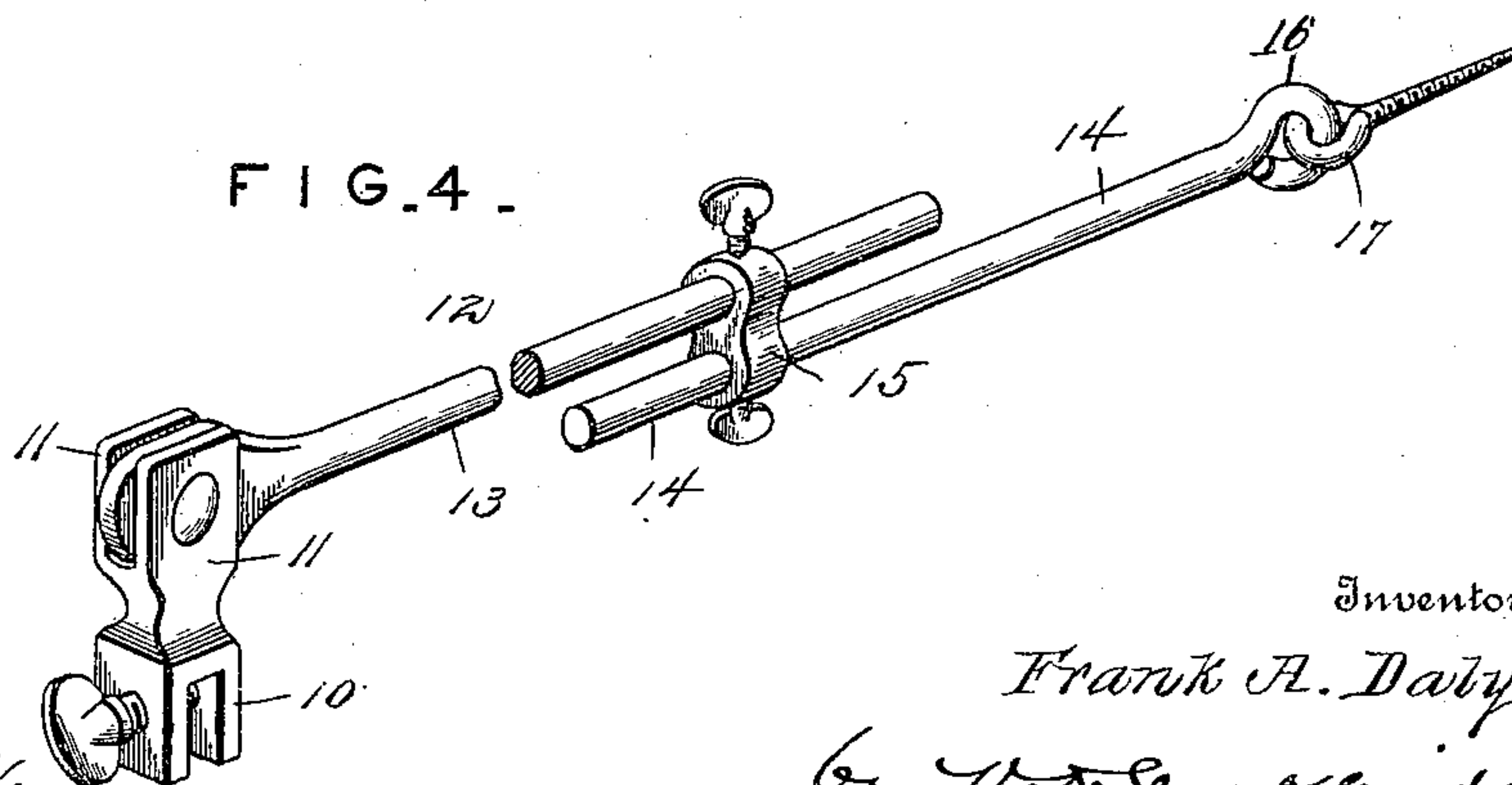


FIG. 4.



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UNITED STATES PATENT OFFICE.

FRANK A. DALY, OF LOWELL, MASSACHUSETTS, ASSIGNOR TO EDWARD P. RICKER, OF POLAND, MAINE.

ILLUMINATED DISPLAY-CABINET.

SPECIFICATION forming part of Letters Patent No. 616,826, dated December 27, 1898.

Application filed April 29, 1898. Serial No. 679,236. (No model.)

To all whom it may concern:

Be it known that I, FRANK A. DALY, a citizen of the United States, residing at Lowell, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Illuminated Display-Cabinets; and I do hereby 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.

This invention relates to display-cabinets, the object of the same being to provide means whereby a number of transparencies may be displayed in connection with advertising matter, the frames in which the transparencies are mounted forming the sides of the cabinet and provided with means whereby they may be moved outwardly or inwardly from the central supporting-shaft, so that a closed case may be formed by frames of different widths.

The invention consists of a central support, a series of frames, and extensible rods on said support provided with means at their outer ends for connecting the frames thereto.

More specifically, the invention consists of a pedestal, a rotatably-mounted shaft therein, rings secured to said shaft at points adjacent to the upper and lower ends thereof, clamps adapted to be connected to said rings, radially-extending rods or arms on said clamps made up of a plurality of members which are capable of relative longitudinal adjustment, frames containing transparencies, and attaching means for said frames on the ends of the outer members of said rods or arms.

The invention also consists in certain other details of construction and combinations of parts, which will be hereinafter more fully described and claimed.

In the drawings forming a part of this specification, Figure 1 represents a side elevation of the cabinet. Fig. 2 is a horizontal section on an enlarged scale. Fig. 3 is a vertical central section. Fig. 4 is a detail perspective view of one of the extensible rods. Fig. 5 is a detail sectional view of one of the transparency-frames. Fig. 6 is a detail perspective view of one of the wire racks em-

ployed for containing advertising matter. Fig. 7 is a detail sectional view of a modified construction.

Like reference-numerals indicate like parts in the different views.

The pedestal 1 may be of any suitable ornamental shape or configuration and is provided with a central opening or socket 2 for the reception of a vertical shaft 3. In the lower end of the socket 2 is a bearing-plate 4, and at a point adjacent to the upper end thereof is a metallic ring or washer 5, the said bearing-plate and washer serving to prevent the wear upon the pedestal during the rotation of the shaft 3. Adjustably mounted on the shaft 3, at points adjacent to the upper and lower ends thereof, are collars 6 6, having extending upwardly and outwardly therefrom the bracing rods or arms 7 7, to which are secured the rings 8 8. Upon the upper end of the shaft 3 is removably mounted in any suitable manner a hood or cover 9. Adapted to be secured to the rings 8 8 are clamps 10, having upwardly-extending parallel ears 11 11 thereon, between and to which are pivoted the extensible rods or arms 12. The said rods are made up of a plurality of members 13 14, which are adjustably connected one to the other by means of the coupling 15, having openings therein, through which the members of said rods pass, and provided with thumb-screws adapted to engage the outer surface of said members. The outer member of each of said adjustable rods has its outer end bent inwardly, forming a loop or eye 16, to which is connected a screw-eye 17.

The sides of the cabinet are formed by the frames 18, which are adapted to hold a number of transparencies 19, the same being held in place upon guides or ways 20, as clearly shown in Figs. 3 and 5 of the drawings. The said frames are held and supported in position by means of the screw-eyes 17 on the ends of the extensible rods 12, which are screwed into the same.

In the drawings five transparencies have been illustrated upon each frame, and adjacent to the cross-bar dividing these transparencies one from the other it is proposed to at-

tach a rack 21, (illustrated in detail in Fig. 6,) provided for the purpose of holding advertising matter in place.

Adjustably mounted on the shaft 3, between its point of attachment to the pedestal 1 and the lower collar 6, is a collar 22, having radiating arms 23 23 thereon, to the outer ends of which is secured a shelf or table 24, whose edges project beyond the sides of the cabinet itself, the said shelf being provided for the purpose of supporting books, papers, advertising literature, and the like.

Upon the inside of the cabinet constructed as above described it is proposed to locate a series of electric or other lights 25, which will emit their light through the transparent portions of the frames 18 for displaying the pictures thereon and attracting attention to the advertising matter contained in the racks 21. All of the light of the lamps in question must pass through the transparent portion of the sides, as the upper end of the cabinet is closed by the hood 9 and the lower end thereof is closed by the shelf or table 24.

From the foregoing description it will be seen that a display-cabinet has been produced in which the sides thereof are formed by removable frames containing transparencies and carrying advertising-racks opposite them and which is adapted for use with frames of any size, as the collars 6 6, carrying the supporting-arms, may be adjusted up or down to accommodate frames of different lengths and the extensible rods or arms 12 may be adjusted outwardly or inwardly to accommodate frames of different widths, it of course being understood that the wider the frame the farther the rods 12 will be extended.

Above or below the transparencies 19 in the frames 18 I may locate separate slides 26, containing the title of the picture in the transparency beneath it, the said slides being mounted and operated in the same manner as said transparencies. A sectional detail view illustrative of this construction is shown in Fig. 7 of the drawings.

Having now described the invention, what is claimed as new is—

1. A display-cabinet, comprising a central support, a table carried by said support, frames constituting the sides, and extensible rods or arms secured to said support and provided with means for holding the frame sides in position.

2. A display-cabinet, comprising a central support, separate frames constituting the sides of said cabinet, and extensible rods or arms secured to said support, the outer members of which are provided with screw-eyes for the attachment of said frames.

3. A display-cabinet comprising a central support, frames carrying transparencies constituting the sides of said cabinet, rings adjustably mounted on said support, and extensible rods secured at their inner ends to said rings, and provided at their outer ends with attaching means for said frames, the upper and lower ends of said cabinet being closed, and the inside thereof containing a luminous body.

4. In a display-cabinet, the combination with a central shaft, collars adjustably mounted thereon, rings secured to said collars, concentric therewith, and of larger diameter than said shaft, clamps for attachment to said rings, extensible rods or arms pivoted to said clamps, each comprising a plurality of members, suitably coupled together, frames constituting the sides of said cabinet, and attaching means for said frames upon the outer members of said extensible rods or arms.

5. In a display-cabinet, the combination with a pedestal, of a vertical shaft mounted to turn therein, adjustable collars on said shaft having radiating arms thereon, rings secured to said arms concentric with said collars but of larger diameter than said shaft, clamps for attachment to said rings, extensible rods or arms pivoted to said clamps, each comprising a plurality of members, a coupling having openings therethrough for the reception of the members of said arms, and provided with securing means, frames constituting the sides of said cabinet, and attaching means for said frames upon the outer members of said extensible rods or arms.

6. In a display-cabinet, the combination of a vertical shaft, a vertically-adjustable table connected therewith, a plurality of rings or supports vertically adjustable upon said shaft, and rods or arms radiating from the rings whereby frames of different lengths may be conveniently accommodated and supported, substantially as described.

7. In a display-cabinet, the combination of a vertical shaft, a table vertically adjustable on said shaft, a plurality of rings or supports also vertically adjustable on said shaft, and a plurality of extensible rods or arms carried by the rings or supports, whereby frames of different lengths and widths may be accommodated and supported, substantially as described.

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

FRANK A. DALY.

Witnesses:

OLIVER A. MARSH,
CHARLOTTE L. FUENTES.