Jan. 29, 1924. 1,482,324

W. A. SCHULTZ

SIGN

Filed June 25, 1923 3 Sheets-Sheet 1

Fig. 1.

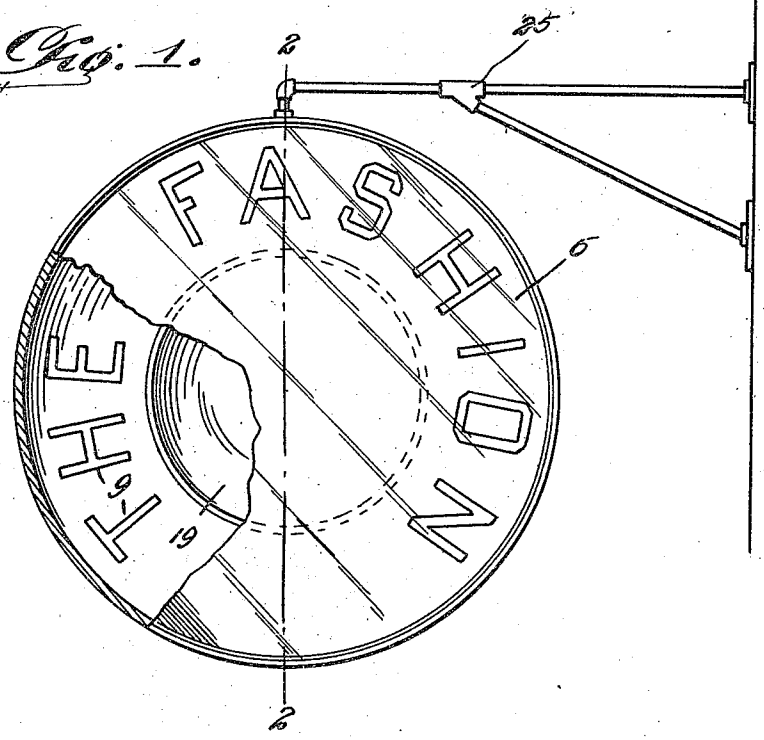
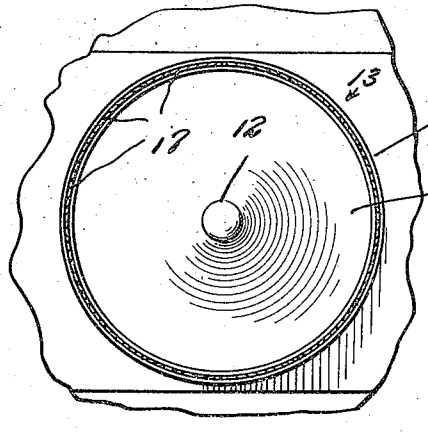


Fig. 4.



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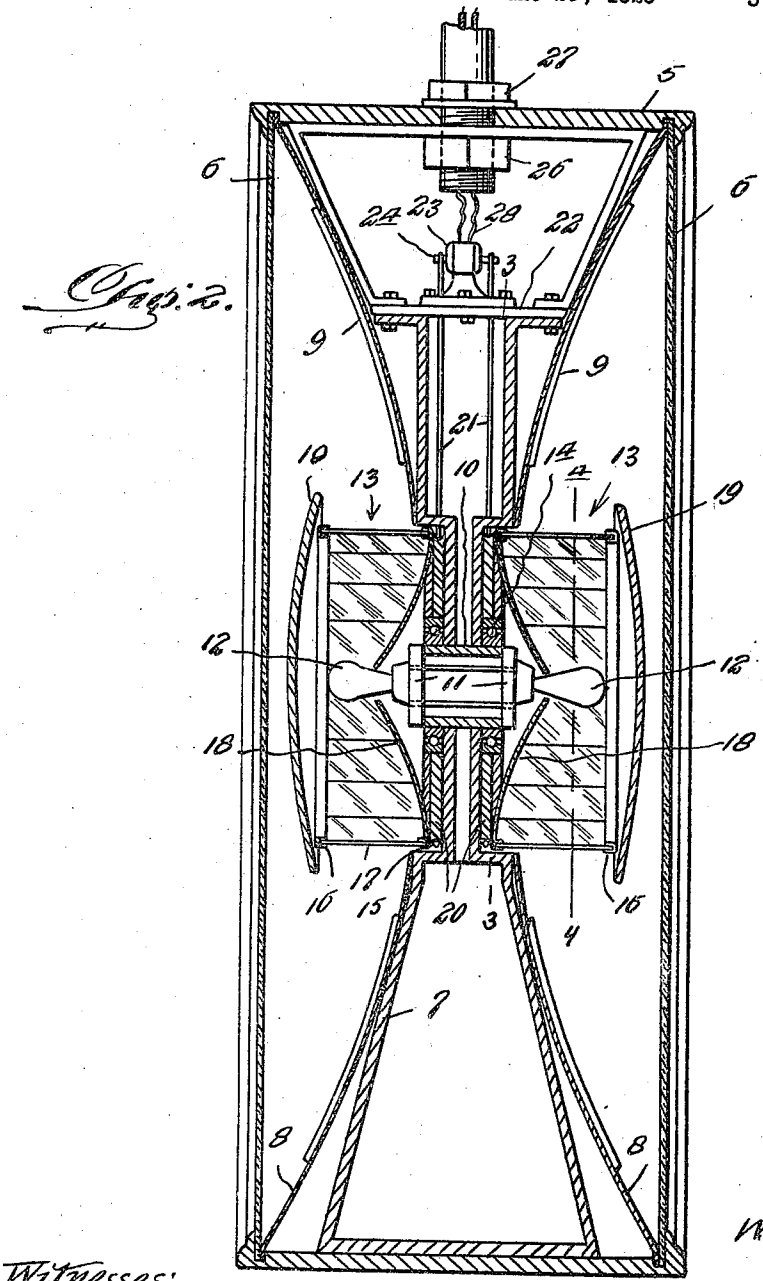
1,482,324

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3 Sheets-Sheet 2



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1,482,324

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3 Sheets-Sheet 3

Fig. 3.

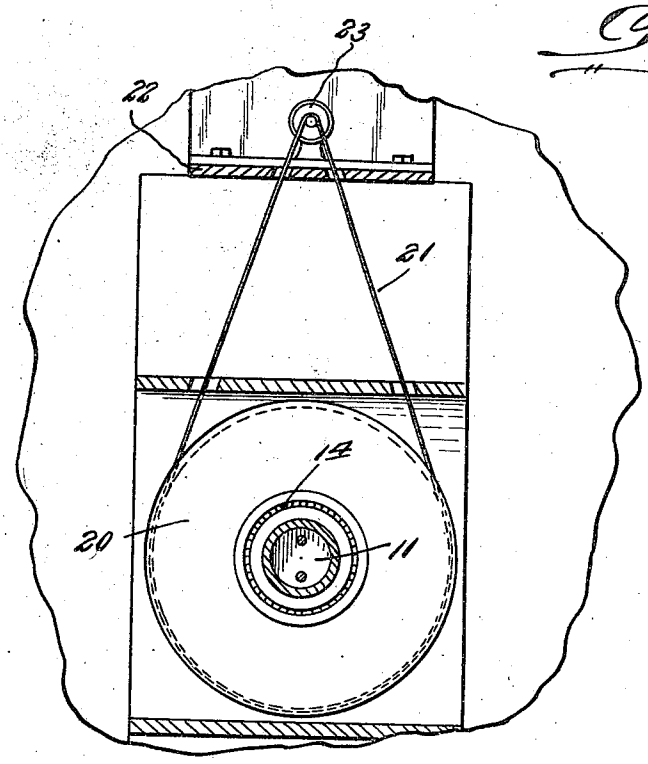
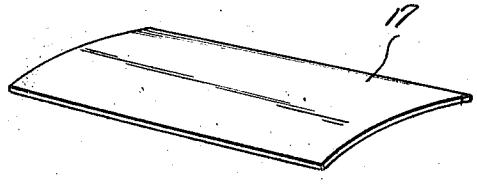


Fig. 5.



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Patented Jan. 29, 1924. 1,482,324

UNITED STATES PATENT OFFICE.

WALTER A. SCHULTZ, OF BROWNSVILLE, TEXAS.

SIGN.

Application filed June 25, 1923. Serial No. 647,475.

To all whom it may concern:

Be it known that I, WALTER A. SCHULTZ, a citizen of the United States, residing at Brownsville, in the county of Cameron and State of Texas, have invented certain new and useful Improvements in Signs, of which the following is a specification.

The nature and advantages of the invention will be better understood when the following detailed description is read in connection with the accompanying drawings, the invention residing in the construction, combination, and arrangement of parts as claimed.

In the drawings forming part of this application, like numerals of reference indicate similar parts in the several views, and wherein:

Figure 1 is an elevation partly broken away of my improved sign, the same being shown as supported upon a building or other support.

Figure 2 is an enlarged detail cross section taken substantially upon the line 2—2 of Figure 1.

Figure 3 is a fragmentary detail cross section upon the line 3—3 of Figure 2, showing more clearly the driving mechanism for what are hereinafter termed the lamp casings.

Figure 4 is a cross section upon the line 4—4 of this figure, and

Figure 5 is a perspective of one of the various colored glass plates that constitute the revolving lamp casings that are included in my invention.

Having particular reference to the drawings, my improved sign includes a drum-shaped casing 5, within the opposite sides of which are plates of clear glass 6. Within the said casing 5 is a vertically disposed supporting structure 7, which is preferably of the form shown in Figure 2. Upon opposite sides of this supporting structure 7 are metallic plates 8 that are of concavo-convex form and having attached to their outer faces metallic letters 9, that are preferably highly polished and that constitute the advertising matter of the sign as more clearly shown in Figure 1.

The supporting structure 7 is formed with a central opening in which is disposed a cross tube 10, the opposite ends of which carry lamp sockets 11, in which are positioned electric bulbs 12. The opposite ends of said tube 10 project through the opening in the supporting structure 7 and have freely rotatably supported thereon lamp casings 13 that surround the electric lamps 12. These lamp casings 13 are allowed free rotary movement upon the said tube 10 through the medium of suitable anti-friction bearings 14.

Each of these lamp casings 13 comprise an inner and outer ring 15 and 16, respectively, between which are strips of glass 17 of various colors, these strips of glass being obviously of slightly arcuate shape, as more clearly shown in Figure 5. Within each casing is a reflector 18 formed with a central opening for permitting of the insertion of the electric lamps into their respective sockets, while upon the outer end of each casing is a concavo-convex reflector 19, which are as shown in Figure 2 spaced a slight distance from the outermost rings 16—16.

Carried by the inner side of each lamp casing 13 is a disk 20, the periphery of which is grooved for receiving the cable 21. As more clearly shown in Figure 3, each of these cables 21—21 extend upwardly through openings in the said supporting structure 7, as well as through openings in a cross plate 22 upon the upper end of this supporting structure. Anchored to this plate 22 is a desirable form of electric motor 23, the armature shaft 24 of which is adapted to receive the upper ends of the endless cables 21—21, whereby when this motor is operated upon the lamp casings 13—13 it will be obviously rotated. The sign is adapted to be secured to the wall of a building or other suitable support, through the medium of a hanger 25 preferably composed of sections of piping, one section of this piping being screw threaded as shown in Figure 2 for passage through an opening in the top side of the drum shaped casing 5. The sign is maintained in a secured relation to this pipe section, through the medium of inner and outer jam nuts 26 and 27 upon the screw threaded portion of said pipe section. The terminal wires 28 for the motor 23 pass through the piping comprising said hanger 25 and are suitably connected to a source of supply.

The operation and advantages of a sign of this character will be readily appreciated by those skilled in the art, and although I have herein shown and described the preferred embodiment of the present invention, it is nevertheless to be understood that minor changes may be made therein, without de-

parting from the spirit and scope of the invention as claimed.

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

1. In a sign of the class described, a drum shaped casing, a vertical support within the casing, stationary lamps upon opposite sides of said support, rotary lamp casings surrounding said lamps, said lamp casings including various colored glass plates, sign letters within said drum shaped casing and surrounding said lamp casings, and means for rotating said lamp casings.

2. In a sign of the class described, a drum shaped casing, a vertical support within the casing, stationary lamps upon opposite sides of said support, rotary lamp casings surrounding said lamps, said lamp casings including various colored glass plates, sign letters within said drum shaped casing and surrounding said lamp casings, and means for rotating said lamp casings, said means comprising an electric motor, the armature shaft of which is operatively connected to said rotary lamp casings.

In testimony whereof I affix my signature.

WALTER A. SCHULTZ.