No. 895,892. PATENTED AUG. 11, 1908.

P. O. PETERS.

ROTARY SIGN.

APPLICATION FILED AUG. 6, 1907.

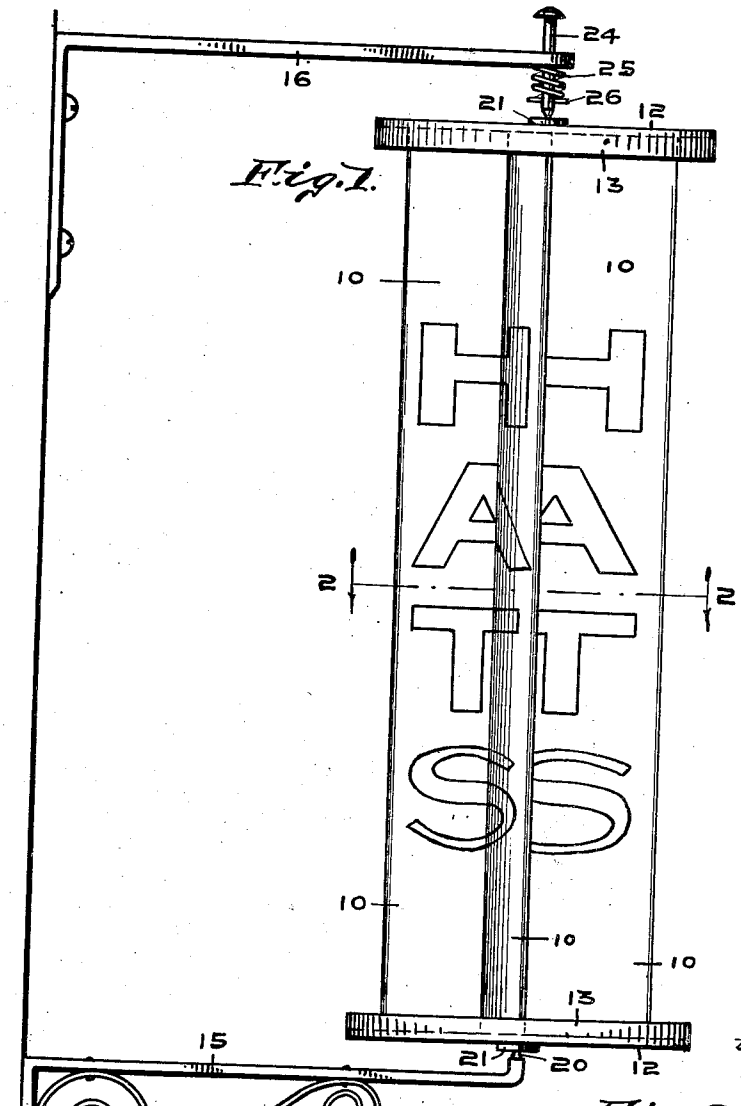


Fig. 1.

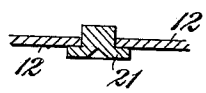


Fig. 3.

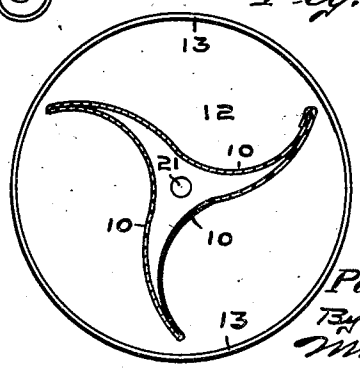


Fig. 2

WITNESSES:

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UNITED STATES PATENT OFFICE.

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ROTARY SIGN.

No. 895,892. Specification of Letters Patent. Patented Aug. 11, 1908.

Application filed August 6, 1907. Serial No. 387,323.

To all whom it may concern:

Be it known that I, PAUL O. PETERS, a citizen of the United States, residing at Juneau, in the county of Dodge and State of Wisconsin, have invented certain new and useful Improvements in Rotary Signs, of which the following is a specification.

This invention relates to revoluble signs; and the object of the invention is to provide a sign of the above character having a plurality of faces which is operable by the wind, or other means, and whereby, when similar letters or figures are delineated on the several faces of the sign in the same horizontal plane, said letters or figures will be discernible to the eye in a complete and permanent manner, at any radial point adjacent to said sign.

A further object consists in providing a sign with a plurality of advertising display faces arranged with relation to one another so that when similar characters are similarly placed upon each face, all the letters in the same horizontal plane will appear to merge into a single letter.

A further object consists in a sign of the above character, comprising a single piece of material having only one seam, thereby making it simple, strong, and cheap to manufacture.

I accomplish the objects of my invention by the revoluble sign illustrated in the accompanying drawings, forming a part hereof, in which—

Figure 1 is a side elevation of my improved revoluble sign, and showing the brackets for supporting same. Fig. 2 is a transverse section of the sign on the line 2—2 in Fig. 1. Fig. 3 is a fragmentary detail view in section, on an enlarged scale, of the rivets 21 which provide the contact points for the supporting pins, to support the sign.

The main body of my revoluble sign comprises a single piece of suitable material 10, which is so bent as to present a plurality of faces whereon advertising matter is displayed. The projecting points of the several edges of the sign-faces project radially a like distance from the axis and are arranged at an equi-distance around the circle formed.

Examining Fig. 2 of the drawings, it will be seen that the several faces of the sign are all bent alike on an ogee, or reverse curve, each face having a uniform surface area exposed to the wind to cause the sign to run smoothly.

It will readily be seen that the concave portions of the sign-faces will catch the wind while the convex portions will have less resistance, whereby the sign is caused to whirl or rotate.

As before stated, the revoluble sign is provided with a plurality of faces, and, in the drawings, I have limited the number to three which I consider the most desirable, from the fact that there is less interruption in the visionary effect than with a sign having more faces and consequently more divisions or projecting points to cause such interruption. It will be noticed, in the peculiar construction of my sign, that the projecting edges are extremely thin, and that the letters or characters may be placed upon the faces so as to extend to the edges if desired, so that, standing some distance away from the sign, the characters in a given plane on the several faces so far as it is discernible, appear to merge into one, so that a single, permanent and complete image of only one set of the characters is presented in a permanent manner at any angle.

The body 10 is generally provided with the end-plates 12, so that the full effect of the wind is secured by preventing any loss or dissipation, in a longitudinal direction, over the ends of the sign-faces were these plates not present. The plates 12 may be provided with the annular shoulders 13, if desired, to strengthen said plates and add rigidity to the sign-body 10.

The sign, for exhibiting advertising matter for outside purposes, is usually placed on the exterior walls or corners of buildings where it will be exposed to the wind, and the sign-body is held in position by means of the brackets or arms 15 and 16. The lower arm 15 has its outer end bent upward and terminates in a conically shaped needle-point 20 which engages a rivet 21 located in the longitudinal axis of the sign-body 10 and centrally of the end-plate 12. This rivet may be integrally or detachably formed of the plate 12, as desired. The plate 12 at the upper end of the sign-body is provided with a rivet 21 which is engaged by a vertically disposed pin 24 slidably mounted in the upper arm 16. A spring 25 surrounds the pin 24 and is interposed between the arm 16 and the transverse

pin 26 that passes through the vertical pin 24. The spring 25 maintains a uniform pressure upon the vertical pin 24, is self adjusting and thus keeps the sign-body in position at all times.

Having thus fully described my said invention, what I desire to secure by Letters Patent, is—

1. A revoluble sign having a body formed of a single piece of material secured together at its side edges and bent so as to provide a plurality of uniform sign-faces, all of said faces being bent alike on an ogee or reverse curve, plates secured to the ends of said sign-body and provided with right-angle projecting annular flanges, and means for holding the sign-body in operable position.

2. A revoluble sign having a body formed of a single piece of material secured together at its opposite side edges and bent to provide a plurality of uniform sign-faces, all of said faces being bent alike on an ogee or reverse curve, an arm provided with a needle-point to engage the sign-body at its longitudinal axis, an arm mounted above said sign-body, a center-pin adjustably mounted in the upper arm and adapted to engage the longitudinal axis of the sign-body, and a yieldable tension means adapted to hold said center-pin into engagement with the sign-body.

3. A revoluble sign having a body formed of a single piece of material secured together at its opposite side edges and bent to provide a plurality of uniform sign-faces, all of said faces being bent alike on an ogee or reverse curve, plates secured to the ends of said sign-body, detachable center-rivets located in the longitudinal axes of the sign-body and in the center of said end-plates, a fixed arm provided with a needle-point adapted to engage the lower detachable center-rivet, an arm mounted above said sign-body, a center-pin adjustably mounted in the upper arm and adapted to engage the center-rivet in the upper end-plate, and a yieldable tension means adapted to hold said center-pin into engagement with said center-rivet, to prevent accidental displacement of said sign-body.

In witness whereof, I have hereunto set my hand and seal at Indianapolis, Indiana, this 29th day of July, A. D. one thousand nine hundred and seven.

PAUL O. PETERS. [L. S.]

Witnesses:
F. W. WOERNER,
E. E. MILLER.