Dec. 8, 1931. J. H. HOLMGREEN ET AL 1,835,218

ROAD MARKER

Filed Jan. 8, 1931

Fig. 1.

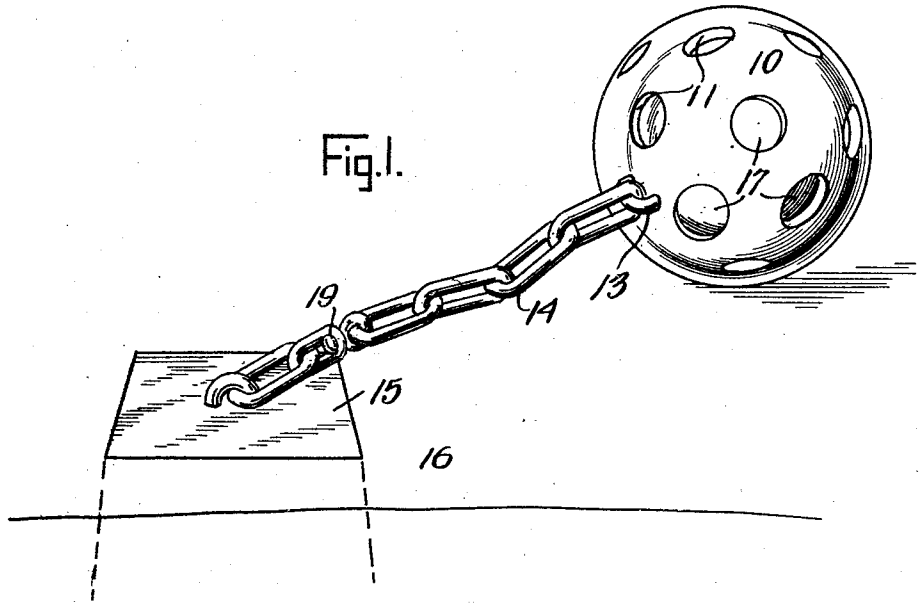
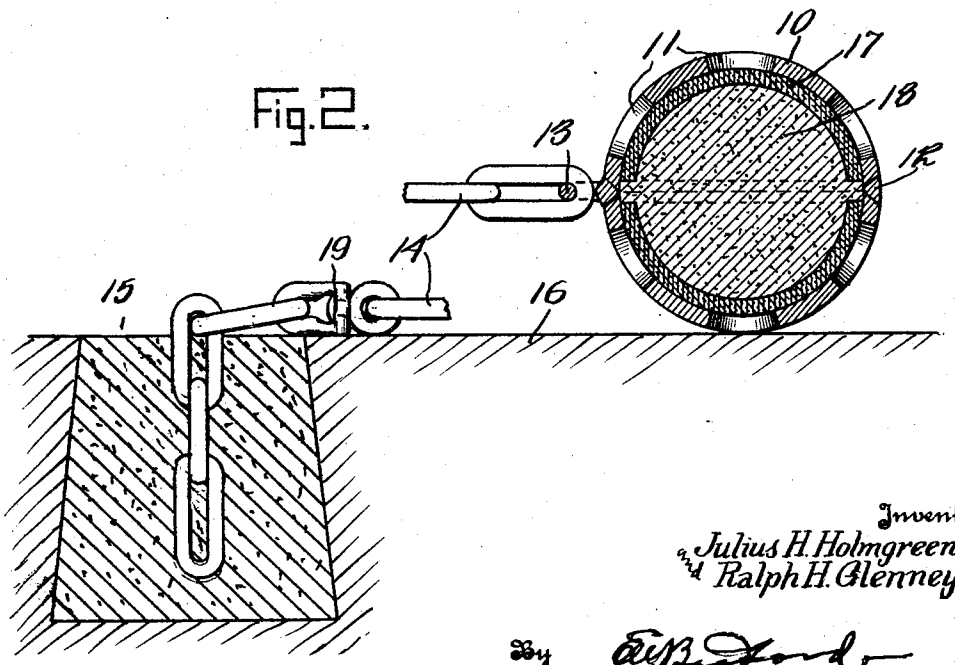


Fig. 2.



Inventors
Julius H. Holmgreen
and Ralph H. Glenney

By

Attorney

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JULIUS H. HOLMGREEN AND RALPH H. GLENNEY, OF SAN ANTONIO, TEXAS

ROAD MARKER

Application filed January 8, 1931. Serial No. 507,489.

This invention relates to stop signs or road markers and an object of the invention is to provide a marker adapted for use in a roadway and one which will not injure vehicles when struck by them and which is practically indestructible.

A further object is to provide a marker in which reflectors may be embedded, which marker will be substantially indestructible.

A further object is to provide a marker having light reflectors with means to prevent the reflectors from becoming obscured by ice or other materials.

Further objects and advantages will become apparent as the description proceeds.

Referring to the accompanying drawings which are made a part hereof and on which similar reference characters indicate similar parts,

Figure 1 is a perspective view of the device in operation,

Figure 2, a section showing the structure of the marker.

In carrying out the invention there is provided a shell 10 preferably of pressed steel or other suitable material which shell is provided with a number of holes 11. The shell is preferably made up of two hemispheres welded together at 12 and in which a link 13 is welded to which a chain 14 is secured, the other end of the chain being preferably secured in a block of concrete 15 embedded in the roadway 16. As shown the block 15 may have an enlarged lower end to insure its being securely held in the roadway. In order to permit the ball to swing about freely a swivel 19 is provided in the chain.

Within the shell 10 are provided hemispherical reflectors 17. These reflectors may be of any suitably polished or other light reflecting material, such for example as red glass. The interior of the reflectors is filled with concrete or other suitable material 18 after which the shell or casing is welded together as indicated at 12.

It will be readily seen that a marker built up of the material and in the manner indicated will provide a solid practically indestructible ball. The steel outer casing will withstand the impact of such vehicles as may collide with the ball and this casing together with the concrete core will insure that the reflector casing 17 is uninjured by the traffic which may collide with the ball. By providing the chain 14 as an anchor the ball is permitted to swing aside when struck by the wheels of vehicles, moreover the ball will not injure vehicles. Furthermore by providing a ball marker of this character no depressions are necessary in the road and consequently there will be no puddles of water or mud such as are usually caused by depressions in which stationary road markers are fixed. Furthermore, due to the fact that the ball may swing about it is kept clean by the rolling action. Any tendency of the pockets in the ball to fill with water and freeze up is avoided since the swinging of the ball about its anchorage keeps the pockets empty and the ball free of mud.

It will be obvious to those skilled in the art that various changes may be made in our device without departing from the spirit of the invention and therefore we do not limit ourselves to what is shown in the drawings and described in the specification, but only as indicated by the appended claims.

Having thus fully described our said invention, what we claim as new and desire to secure by Letters Patent, is:

1. A street marker comprising a solid block secured in the road bed, a ball and flexible means for securing the ball to the block, said ball having light reflecting means therein, substantially as set forth.

2. A road marker comprising a block of concrete adapted to be embedded in a road bed, a ball, a chain anchored at one end in the block and secured at the other end in a ball, said ball having light reflectors secured therein, substantially as set forth.

3. A road marker comprising a ball flexibly anchored on the surface of a road bed, said ball having a plurality of perforations, each perforation having light reflecting means therein, substantially as set forth.

4. In a street marker, a ball comprising a pair of hemispherical shells having openings spaced about their surfaces, a pair of light reflecting herispherical shells secured within

the first named shell, the interior of the reflecting shells being filled with concrete or other suitable material and the shells being welded together, substantially as set forth.

5. In a street marker, a ball comprising a pair of hemispherical shells having openings spaced about their surfaces, a pair of light reflecting hemispherical shells secured within the first named shell, the interior of the reflecting shells being filled with concrete or other suitable material and the shells being welded together, and a chain welded in the said shell said chain being adapted to be anchored in a road bed, substantially as set forth.

6. A street marker comprising a ball having a plurality of sockets in its periphery, said sockets having light reflecting means positioned therein, and a chain attached to the ball at one end and secured in the road bed at the other end, the chain having a swivel link therein to permit free rolling of the ball about its anchor point, substantially as set forth.

7. A street marker comprising a ball having a chain secured thereto, said chain being pivotally secured at its other end to the surface of a road bed, substantially as set forth.

In witness whereof we have hereunto set our hands at San Antonio, Texas, this 29th day of December, A. D. nineteen hundred and thirty.

JULIUS H. HOLMGREEN.
RALPH H. GLENNEY.