# United States Patent

**Adams et al.**

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[54] **VEHICLE MARKER LIGHT**


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[52] **U.S. Cl.** ..... **240/8.2**

[51] **Int. Cl.** ..... **B60q 1/32**

[58] **Field of Search** .....240/8.1 R, 7.1 C, 7.1 F, 7.25, 240/7.35, 7.5, 8.2, 106 R, 10.61, 8, 22



[56] **References Cited**

UNITED STATES PATENTS

| | | | |
|---|---|---|---|
| 3,226,537 | 12/1965 | Hanson et al. | 240/8.2 |
| 2,908,807 | 10/1959 | Perkins | 240/7.5 |
| 3,275,816 | 9/1966 | Brunger | 240/8.22 |
| 1,790,251 | 1/1931 | Sipp | 240/7.35 |
| 2,922,875 | 1/1960 | Buck | 240/8.2 |



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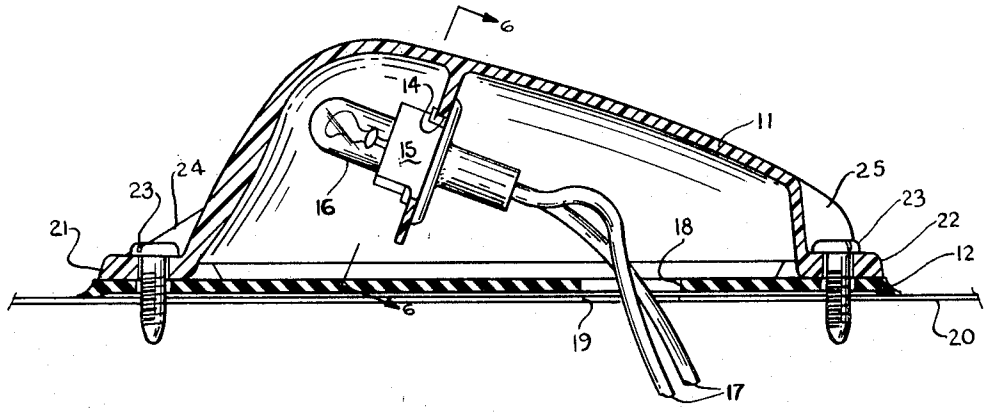
*Attorney*—Bruns & Jenney



[57] **ABSTRACT**

A baseless vehicle marker light comprises a cupped, molded, transparent lens having an integral, transversely-extending flange to which a conventional bayonet-type lamp socket is secured and resilient mounting pad, the lens being adapted to be secured directly to the vehicle body.


**1 Claim, 6 Drawing Figures**



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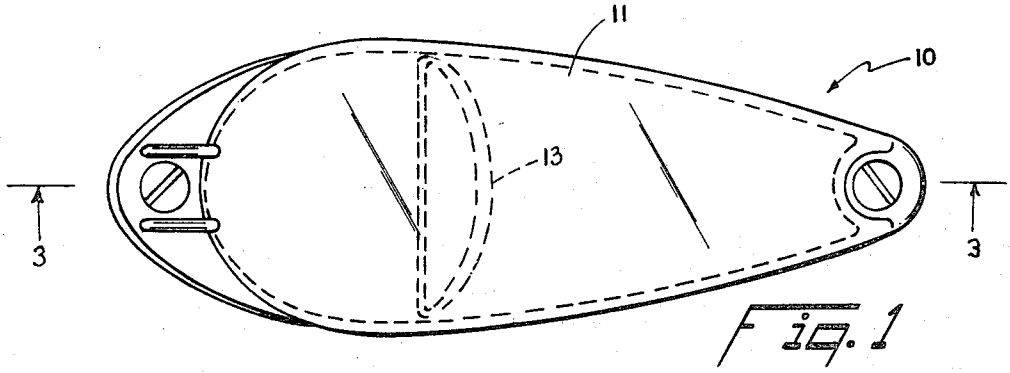



Fig. 1

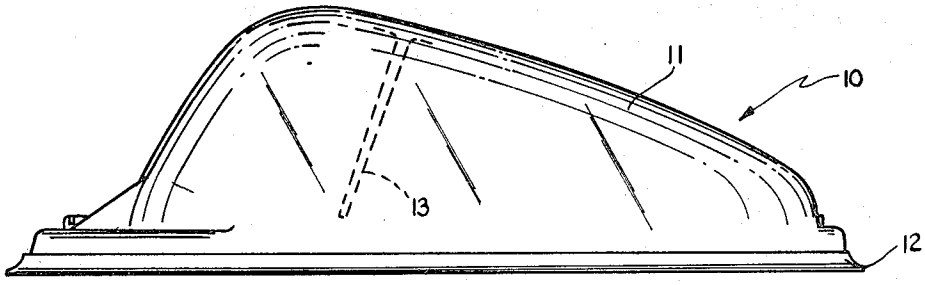



Fig. 2

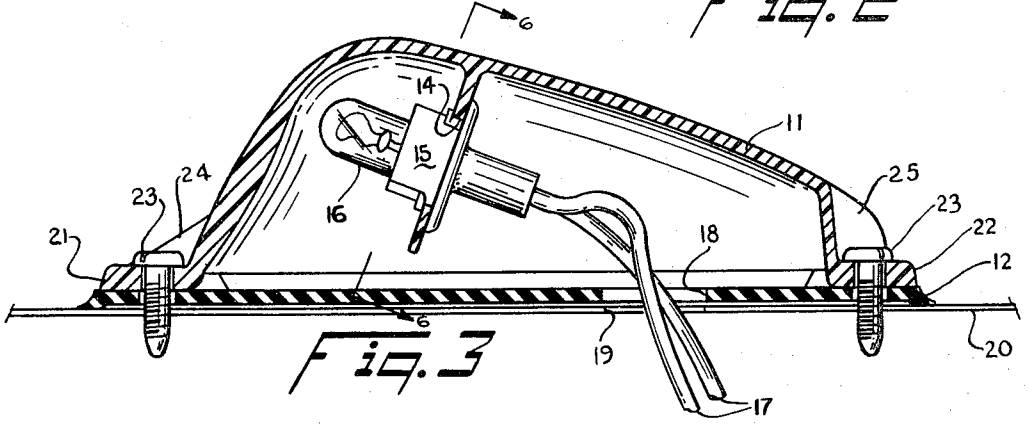



Fig. 3

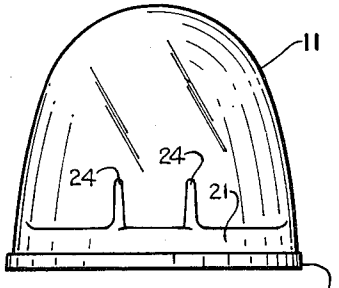



Fig. 4

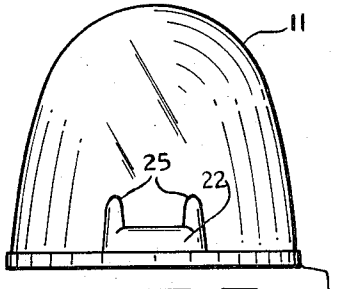



Fig. 5

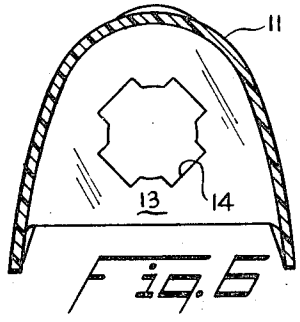



Fig. 6

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# VEHICLE MARKER LIGHT

## BACKGROUND OF THE INVENTION

This invention relates generally to vehicle lighting devices and has particular reference to those more commonly known as marker lights.

The typical marker light has had a two basic part construction. Generally, these have been a flat or curved base which supports the lamp and lamp socket and which is secured over a resilient mounting pad to the vehicle in some manner, and a cupped, transparent, plastic lens which is secured in some manner to the base for enclosing the lamp and lamp socket and may require a gasket between lens and body.

## SUMMARY OF THE INVENTION

The present invention contemplates the elimination of one molded part, the marker light base, by providing a marker light of essentially one-piece construction. This is accomplished by incorporating in the molded lens itself means to which a conventional bulb and socket may be secured. Moreover, the lens may be so molded as to permit direct attachment of the lens to the vehicle with an intervening pad. Such a marker light is inexpensive to construct and lends itself to time-saving, single step installation.

## BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a plan view of a marker light according to the invention;

FIG. 2 is a side elevational view thereof;

FIG. is a sectional view on the line 3—3 of FIG. 1 and showing the lamp and socket in position;

FIGS. 4 and 5 are end views of the lens as viewed from the left and right, respectively, in FIG. 2; and

FIG. 6 is a sectional view of the lens on line 6—6 of FIG. 3.



## DESCRIPTION OF THE PREFERRED EMBODIMENT

The marker light **10** of FIG. **1** comprises a molded plastic lens **11** and a molded rubber mounting pad **12**.

The lens **11** is of cup-shaped design and has an integral flange **13** which extends angularly downward from the roof of the lens across the interior of the lens. As seen in FIG. **6**, an opening **14** in this flange is formed to receive a conventional bayonet-type self-locking lamp socket **15**. As best seen in FIG. **3**, the lamp socket **15** and lamp **16** are contained within the lens **11** and the lead wires **17** extend from socket **15** through a hole **18** in the pad **12** and a mating hole **19** through a portion **20** of a vehicle.

Means for securing the lens directly to the vehicle are provided by outwardly projecting flange portions **21** and **22** at the ends of the lens. Flanges **21** and **22** have holes therethrough for receiving the sheet metal screws **23** which pass down through mating holes in pad **12** and vehicle portion **20** and secure lens **11** directly to the vehicle. Reinforcing ribs **24** and **25** may be provided in the molded lens connecting flanges **21** and **22**, respectively, to the ends of lens **11**.

As will be apparent to those familiar with the art, the invention may be embodied in other specific forms without departing from the spirit or essential characteristics thereof.

We claim:

**1**. A vehicle marker light comprising a cupped, molded, transparent, plastic lens having an integral apertured flange portion extending across the interior of the lens, a bayonet type, self-locking lamp socket secured in the flange aperture, a lamp in the socket, and a resilient pad adapted to be secured between the lens and the vehicle, the lens having projecting flange portions apertured for fastening screws passing therethrough and through the pad for securing the lens directly to the vehicle.

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