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United States Patent [19]

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Mouzas

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- [54] **SIDELIGHTING ARRANGEMENT AND METHOD**
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- [21] Appl. No.: **80,656**
- [22] Filed: **Jun. 18, 1993**
- [51] Int. Cl.⁶ **B60Q 1/00**
- [52] U.S. Cl. **362/80; 362/36; 362/83.3; 362/251; 362/802**
- [58] Field of Search **362/61, 80, 82, 83, 362/83.3, 251, 276, 802, 36**

Attorney, Agent, or Firm—Thomas A. Kahrl

[57] ABSTRACT

An improved sidelighting arrangement, device and method of controlling sidelight illumination of a motor vehicle during cornering employing two sets of side lamps, one for each side of the vehicle. The sidelighting arrangement apparatus includes a steering wheel angle sensor mounted on the column of the steering wheel for detecting a change in steering angle, a turn indicator sensor for detecting actuation of the turn indicator, a microprocessor for outputting an electrical signal to selectively illuminate a set of side lamps mounted on the side of the vehicle for controlling illumination of the sidelights during cornering of the motor vehicle responsive to the steering wheel in actuation of the turn signal for improved visibility for the operator of the vehicle and for improved safety of operation thereof by providing notice to other drivers of the cornering condition of the vehicle.

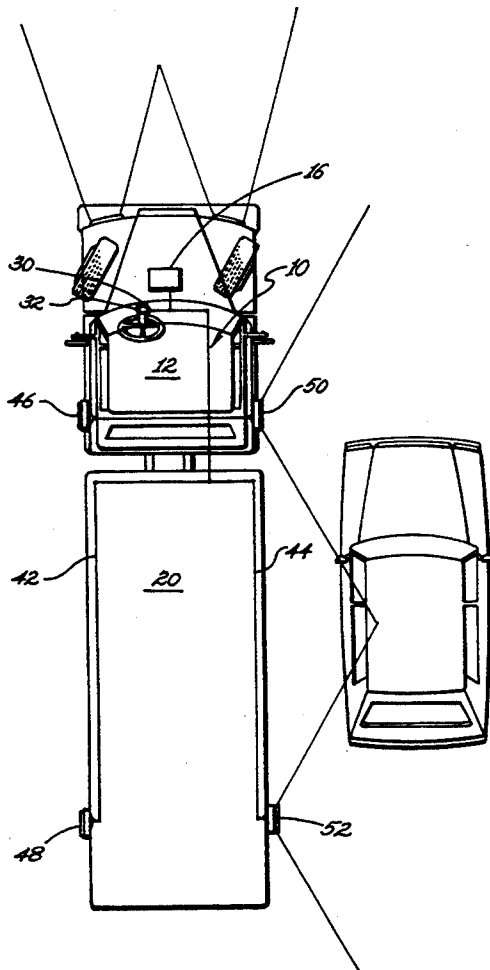
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Primary Examiner—Stephen F. Husar

15 Claims, 4 Drawing Sheets



MBUSA LLC
EXHIBIT 1017

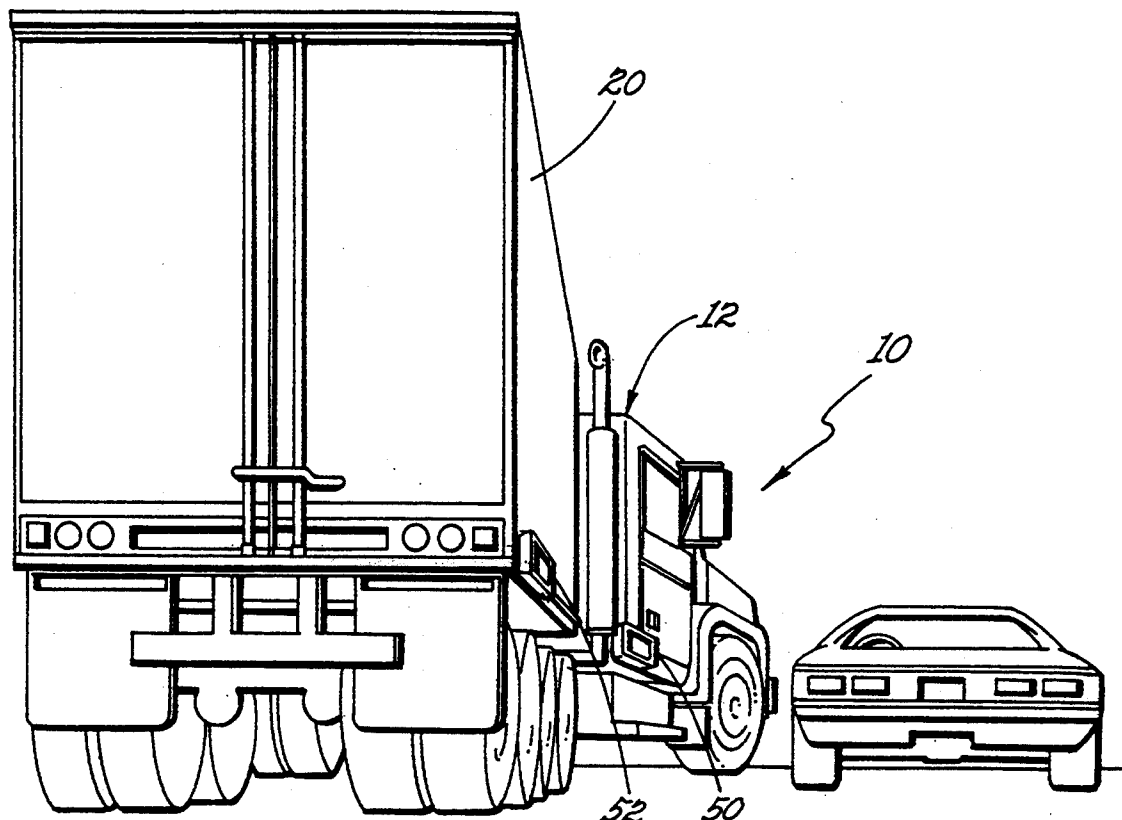


FIG. 1

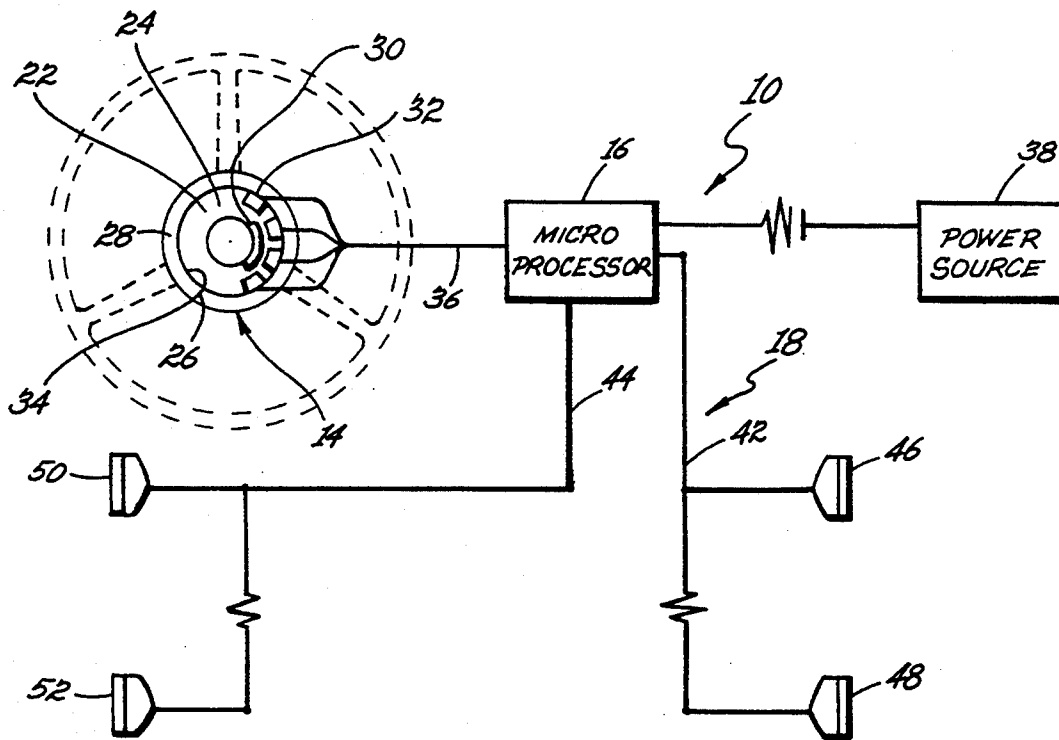


FIG. 2

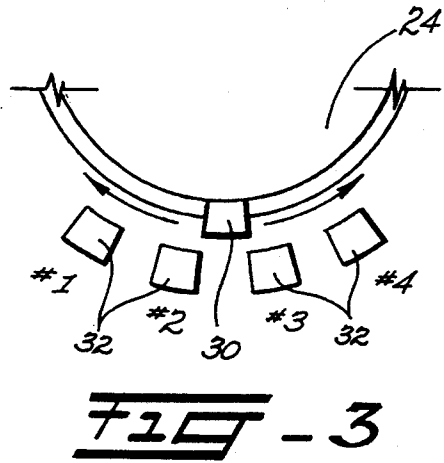


FIG - 3

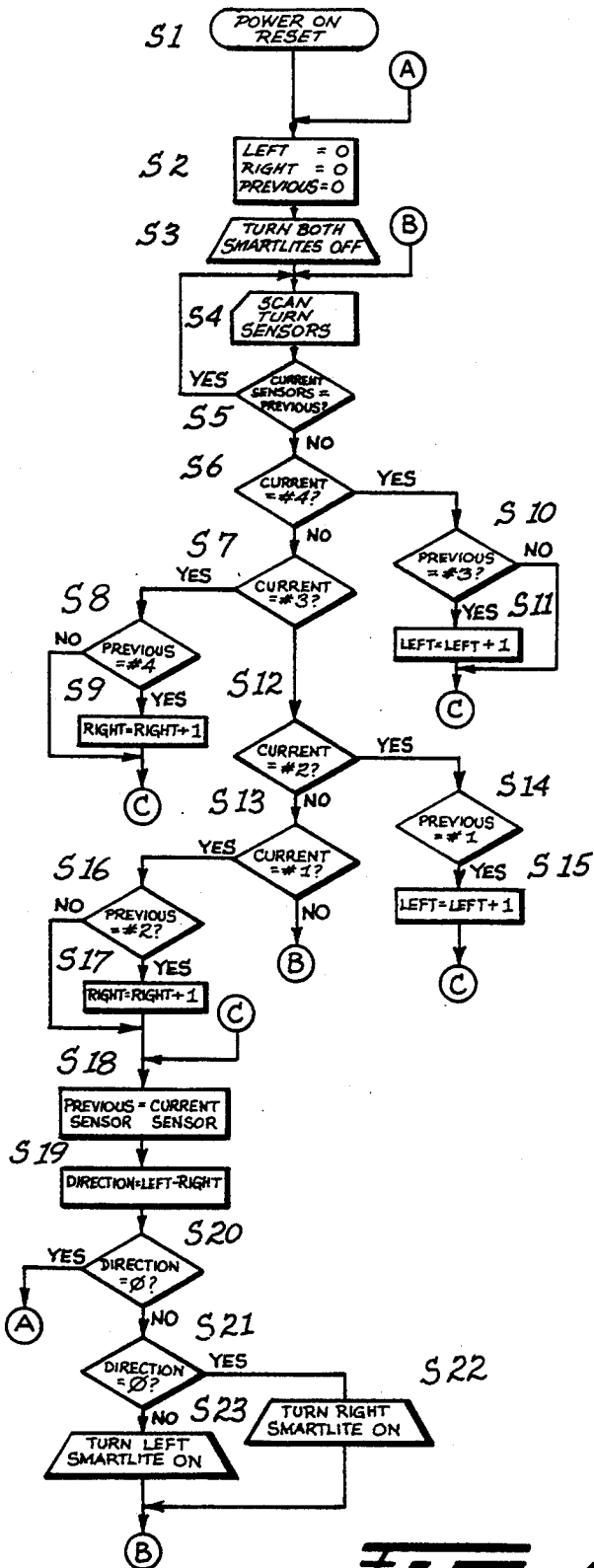


FIG - 4

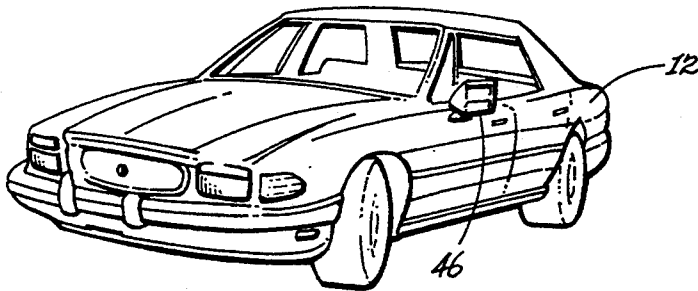


FIG. 5A

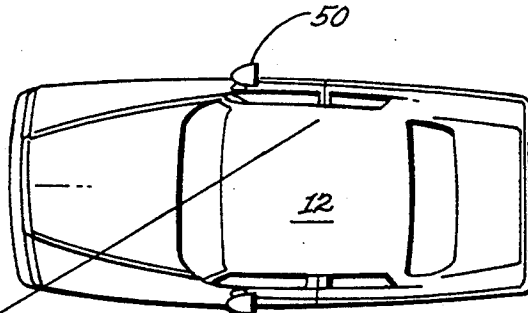


FIG. 5B

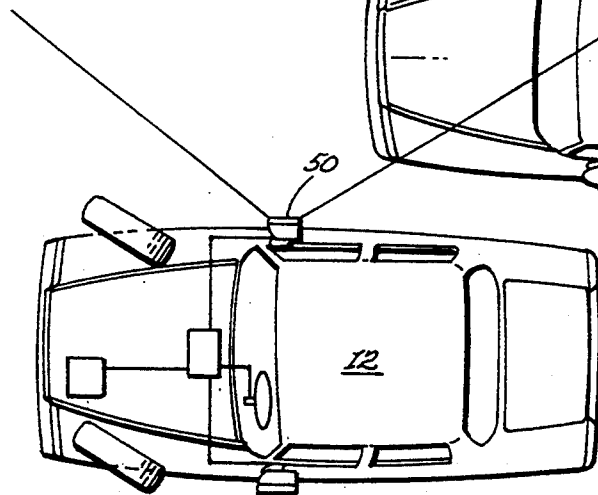


FIG. 6

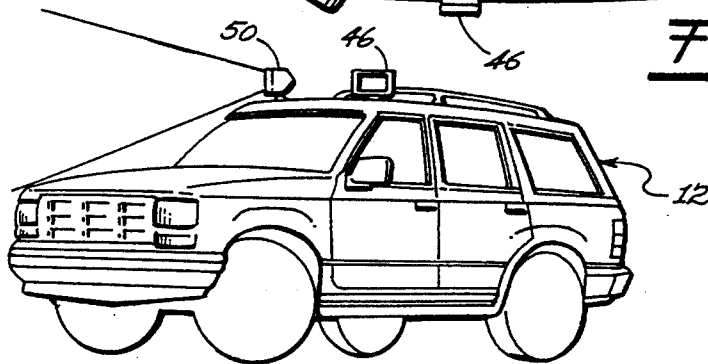


FIG. 7

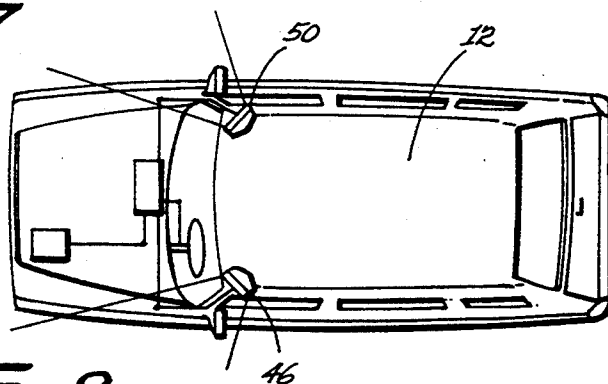


FIG. 8

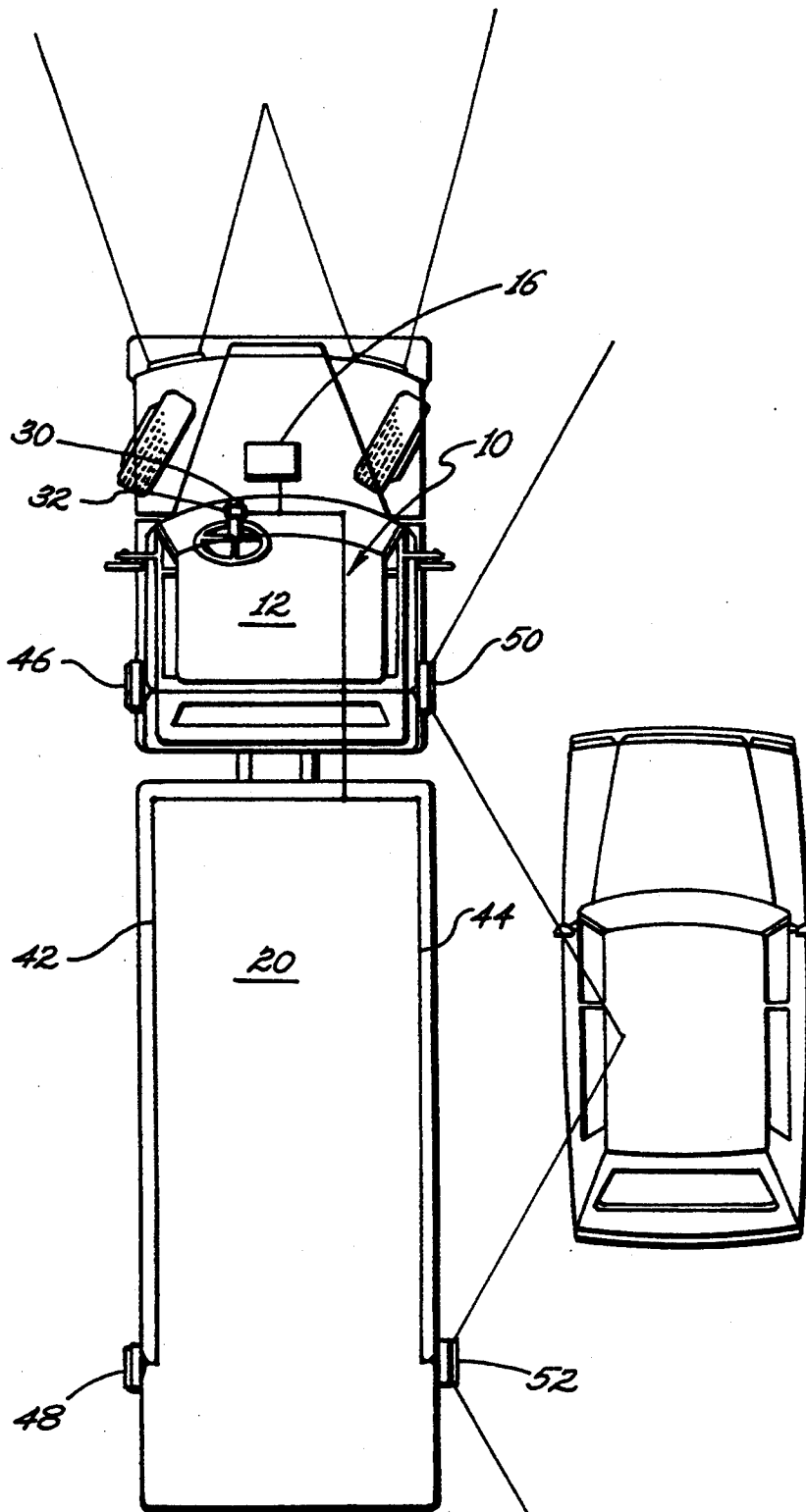


FIG. 9

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