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# United States Patent [19]

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Okada et al.

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[54] **EMERGENCY ASSISTANCE SYSTEM FOR AUTOMOBILE ACCIDENTS**

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[73] Assignee: **Matsushita Electric Industrial Co., Ltd.**, Osaka, Japan

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[21] Appl. No.: **09/401,001**

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*Assistant Examiner*—Phung Nguyen  
*Attorney, Agent, or Firm*—Ratner & Prestia

[22] Filed: **Sep. 21, 1999**

[30] **Foreign Application Priority Data**

[57] **ABSTRACT**

Sep. 21, 1998 [JP] Japan ..... 10-283610

[51] **Int. Cl.<sup>7</sup>** ..... **G08G 1/00**

An emergency assistance system for summoning first-aid assistance of persons and vehicles within the vicinity of a person involved in an automobile accident, while also making an emergency call to rescue and police authorities. An accident alarm is provided for announcing the occurrence of an accident to vehicles and persons in the vicinity of an accident in order to seek their help and to prevent a secondary disaster. In addition, first-aid equipment is provided to give first-aid treatment, for example, to maintain body temperature and restoration consciousness to prolong life of an injured person. In a automobile accident, an emergency measure is taken by the emergency equipment provided in the accident vehicle, such as notification of the occurrence of the accident and the need for medical assistance.

[52] **U.S. Cl.** ..... **340/901; 340/573.1; 340/825.36; 342/457**

[58] **Field of Search** ..... 340/539, 573.1, 340/471, 425.5, 426, 825.36, 825.49; 379/37, 38; 342/457

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**19 Claims, 6 Drawing Sheets**

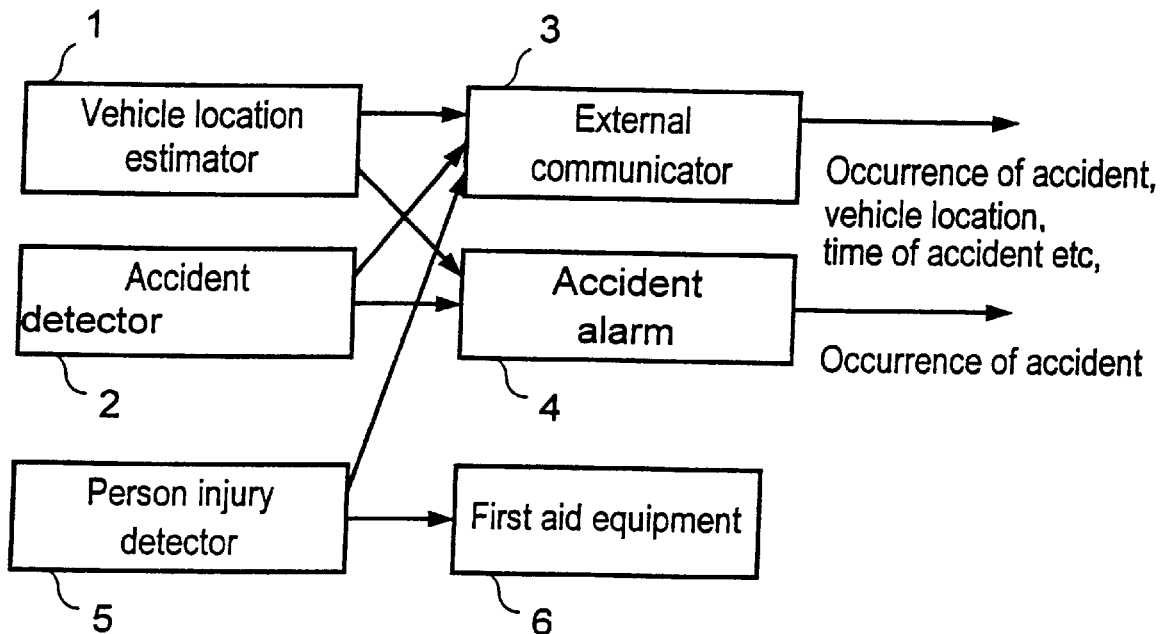


FIG. 1

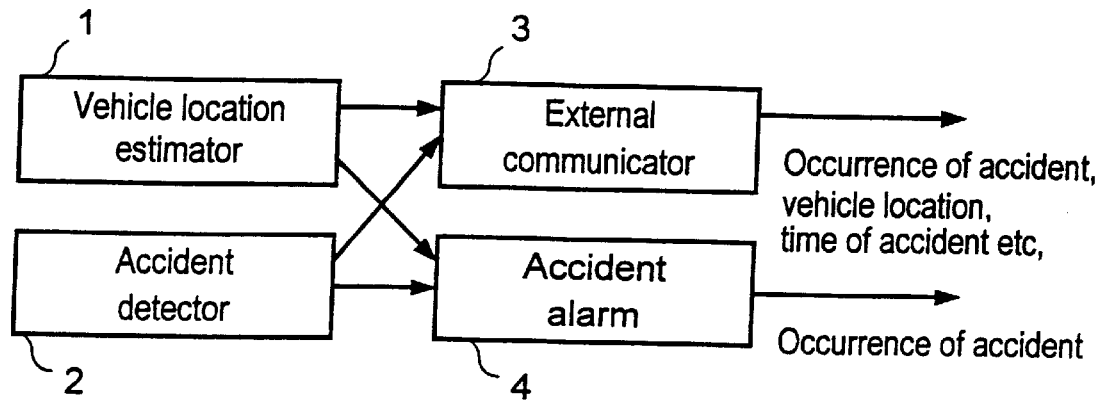


FIG. 2

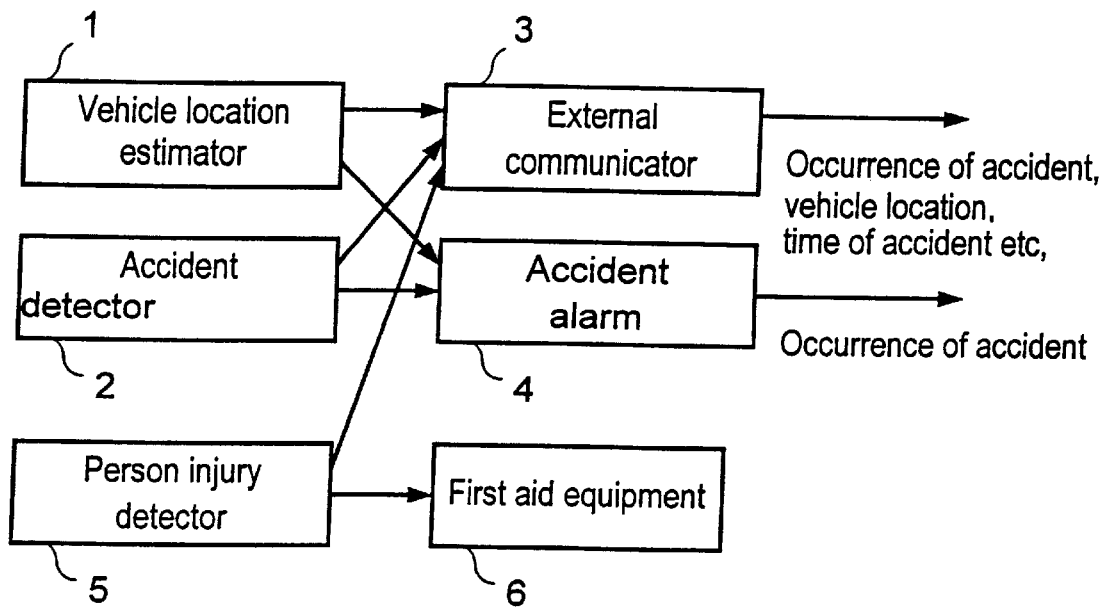


FIG. 3A Hazard lamp flashing

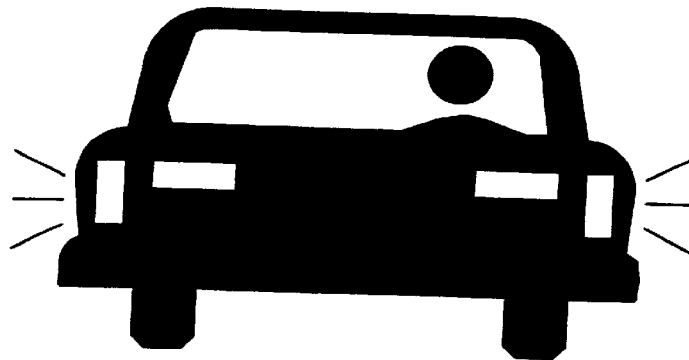


FIG. 3B Normal car stop



FIG. 3C Emergency

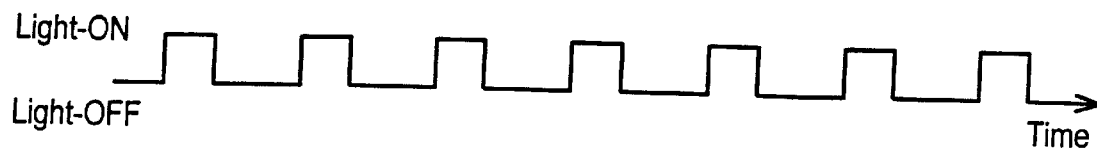


FIG. 4A Hazard lamp ON

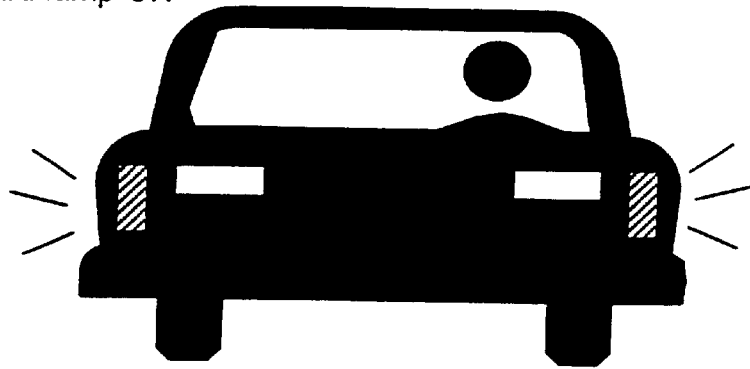


FIG. 4B Brake lamp ON

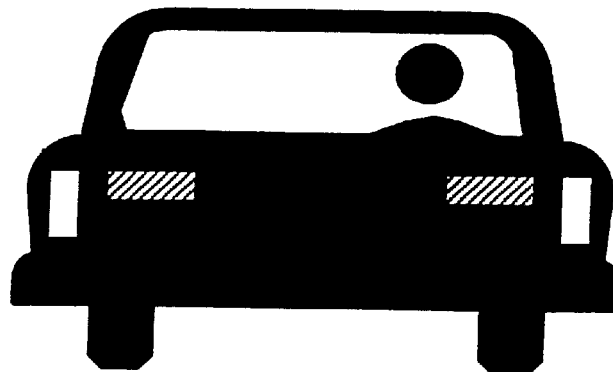
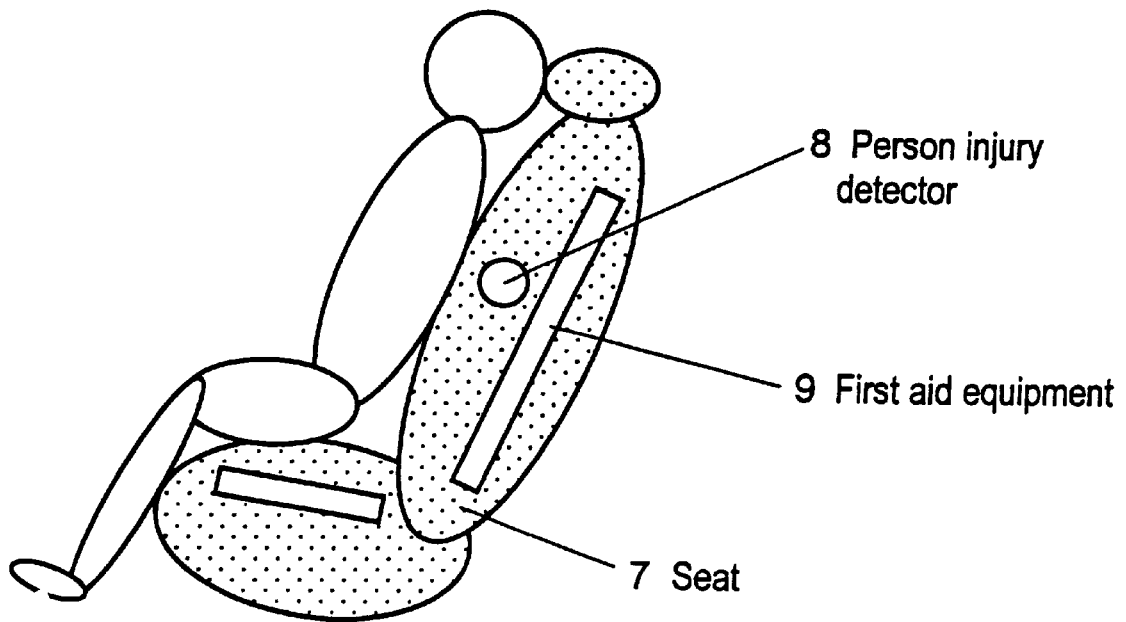


FIG. 5



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