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# United States Patent [19]

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Gehlot

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[54] **SYSTEM AND METHOD FOR PREVENTING AUTOMOBILE ACCIDENTS**

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[73] Assignee: **Lucent Technologies Inc.**, Murray Hill, N.J.

[21] Appl. No.: **09/175,397**

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[51] Int. Cl.<sup>7</sup> ..... **G08B 23/00**

[52] U.S. Cl. .... **340/576**; 340/436; 340/903; 340/439; 180/272

[58] **Field of Search** ..... 340/576, 575, 340/309.15, 439, 457, 436, 901, 903, 904; 180/272, 167, 168, 169, 170; 342/70, 71, 72; 367/905, 112, 96, 97, 107

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Primary Examiner—Nina Tong

[57] **ABSTRACT**

A system for preventing or reducing vehicle accidents comprising one or more sensors positioned on a vehicle sensing a condition or conditions indicative of a drivers ability to effectively control the vehicle; a processing unit in communication with the sensors, the processing unit receiving data from the sensors, analyzing the data to determine an appropriate response and initiating the response.

**16 Claims, 4 Drawing Sheets**

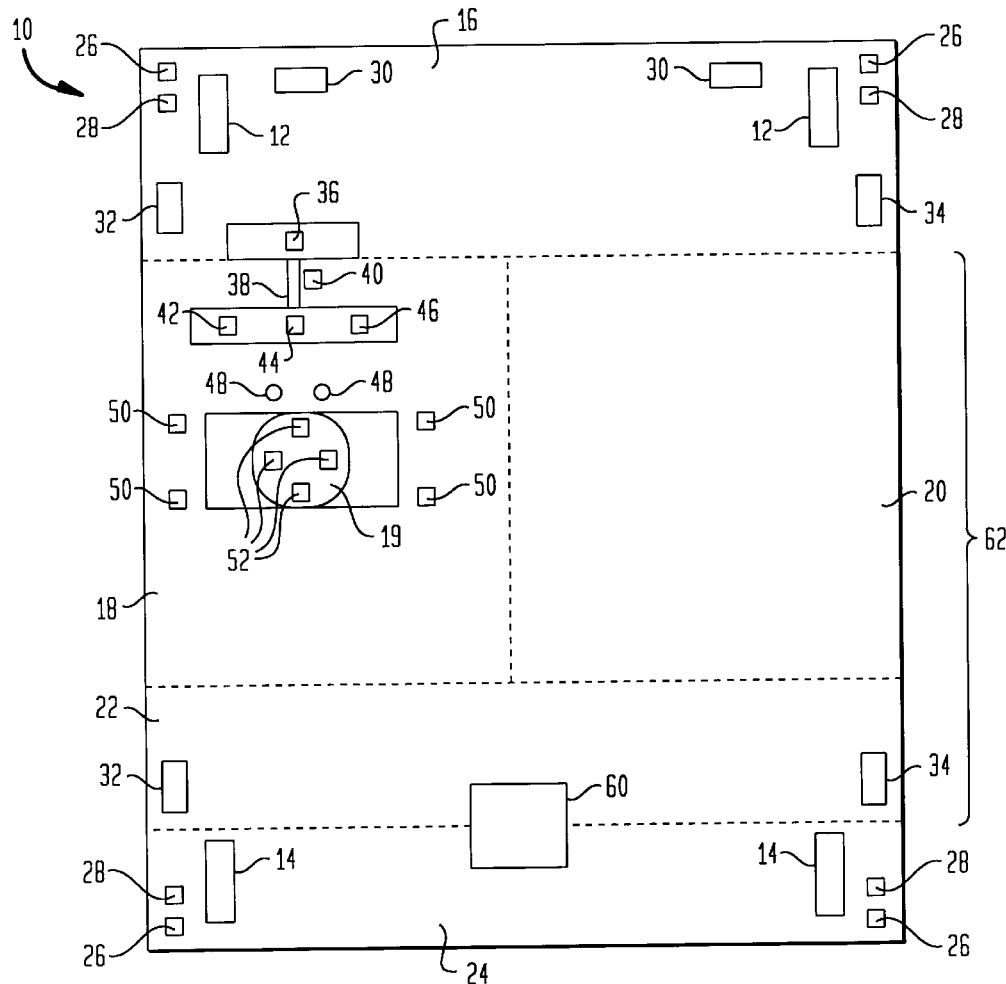


FIG. 1

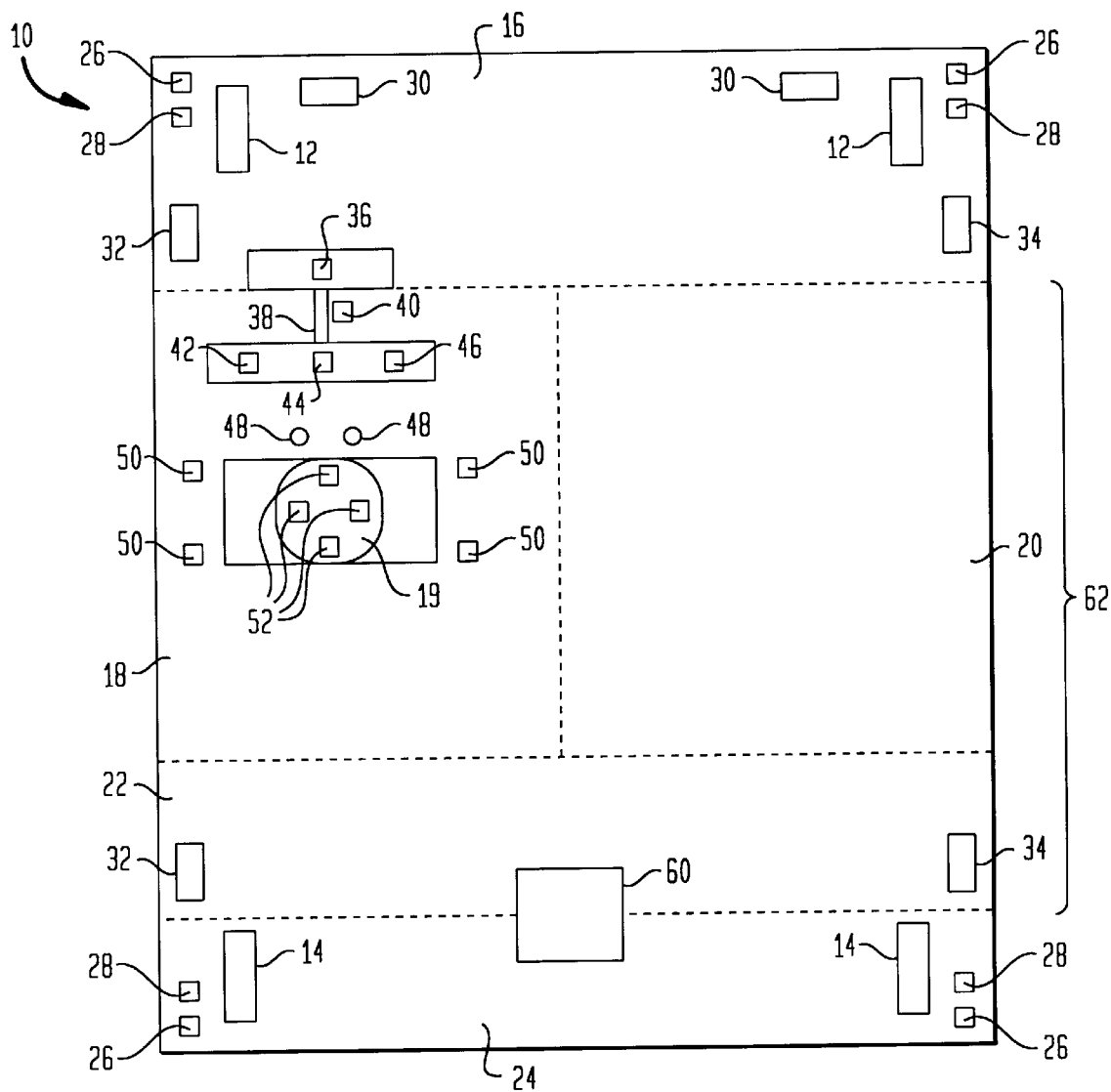


FIG. 2

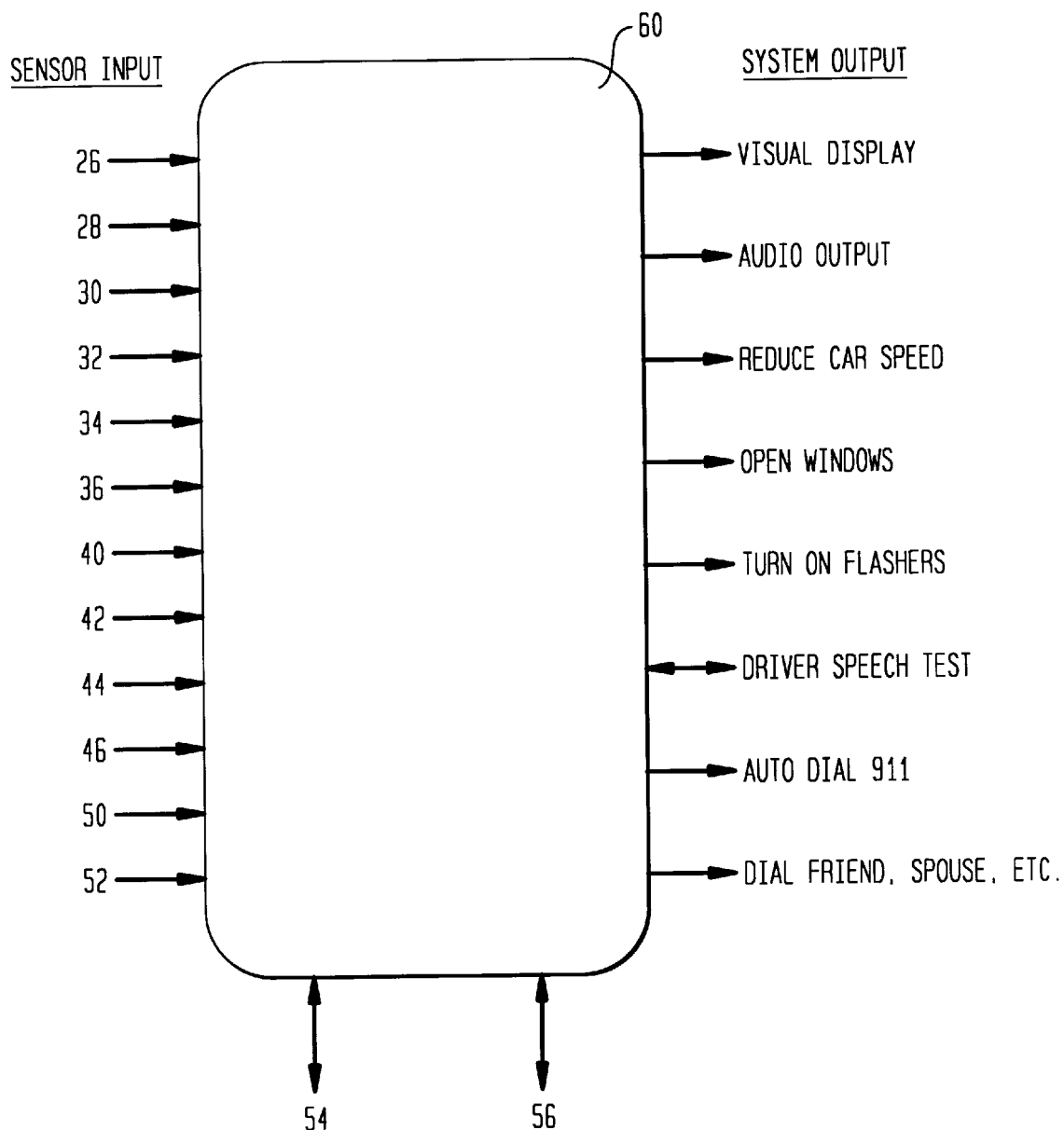


FIG. 3

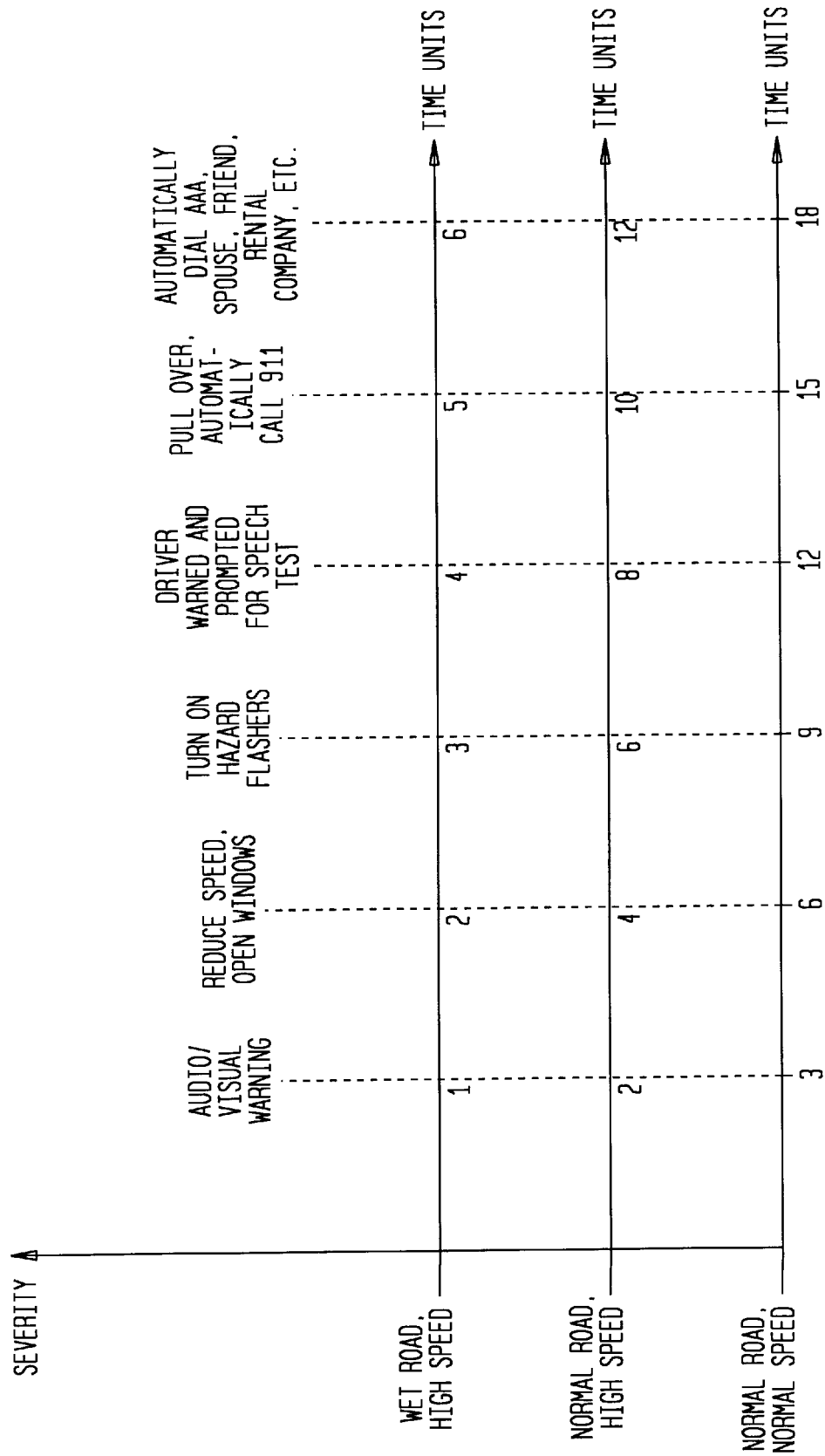
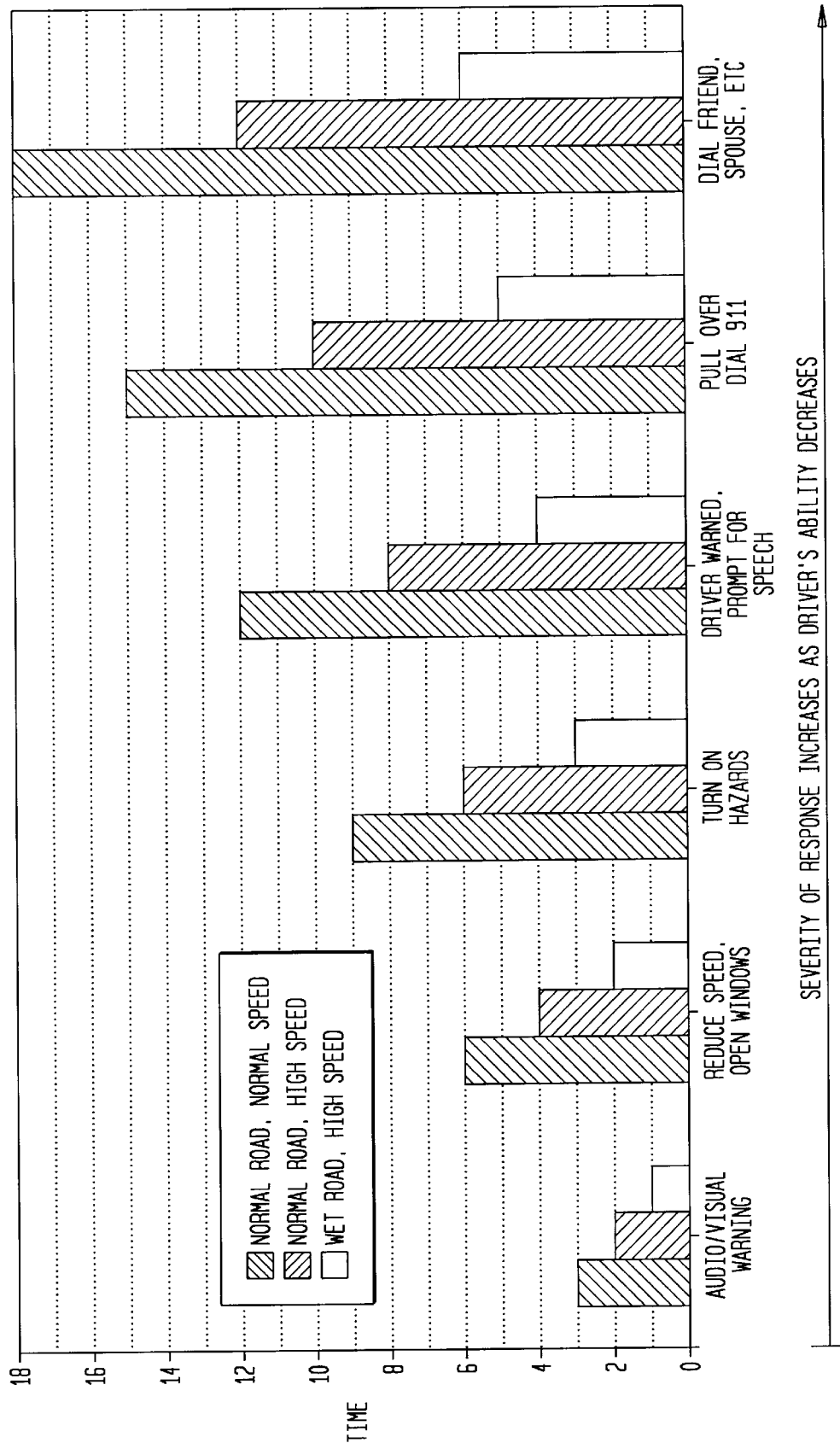


FIG. 4



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