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(12) **United States Patent**
Awada

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(54) **SPEED LIMIT DISPLAY IN A VEHICLE**

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(*) **Notice:** Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(65) **Prior Publication Data**

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(51) **Int. Cl.⁷** G08G 1/09

(52) **U.S. Cl.** 340/905; 340/901; 701/202

(58) **Field of Search** 340/905, 988, 340/901, 902; 381/86; 701/117, 119, 202

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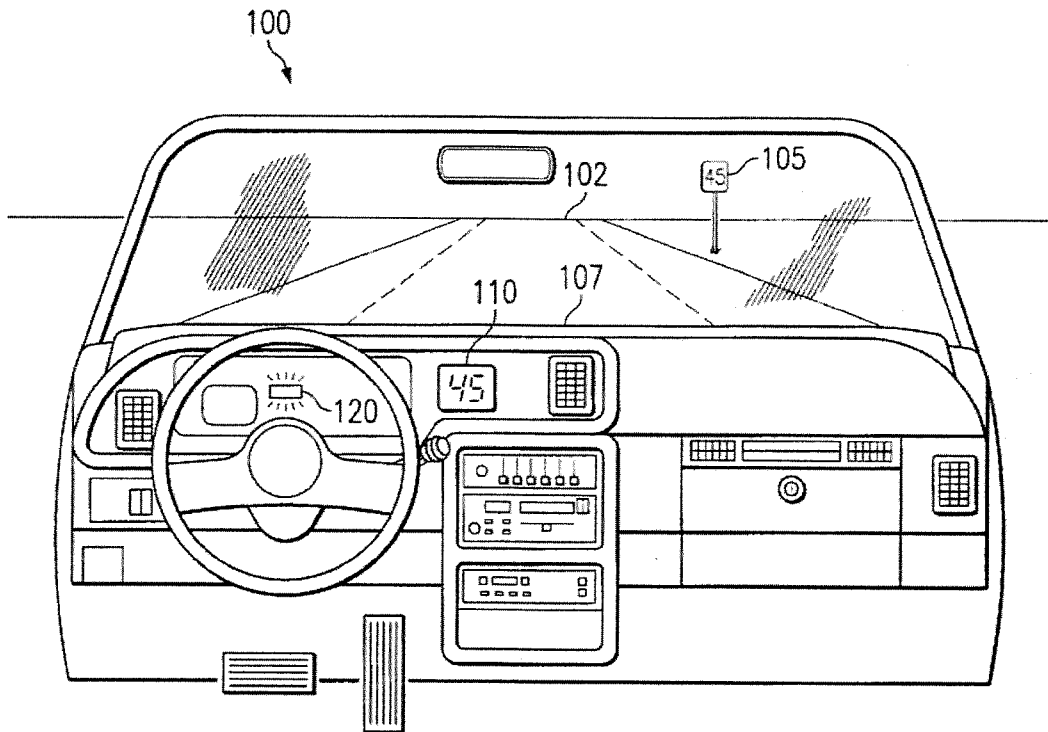
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(57) **ABSTRACT**

A method and apparatus for reporting a posted speed limit to the driver of a vehicle is disclosed. The position of the vehicle is determined using a GPS receiver or triangulation of cellular telephone signals. The position is used to retrieve speed limit or other information from a database. The information is then reported to the driver. A technique is also disclosed for comparing the actual speed of the vehicle with the posted speed limit and issuing a warning to the driver when the posted speed limit is exceeded.

15 Claims, 4 Drawing Sheets



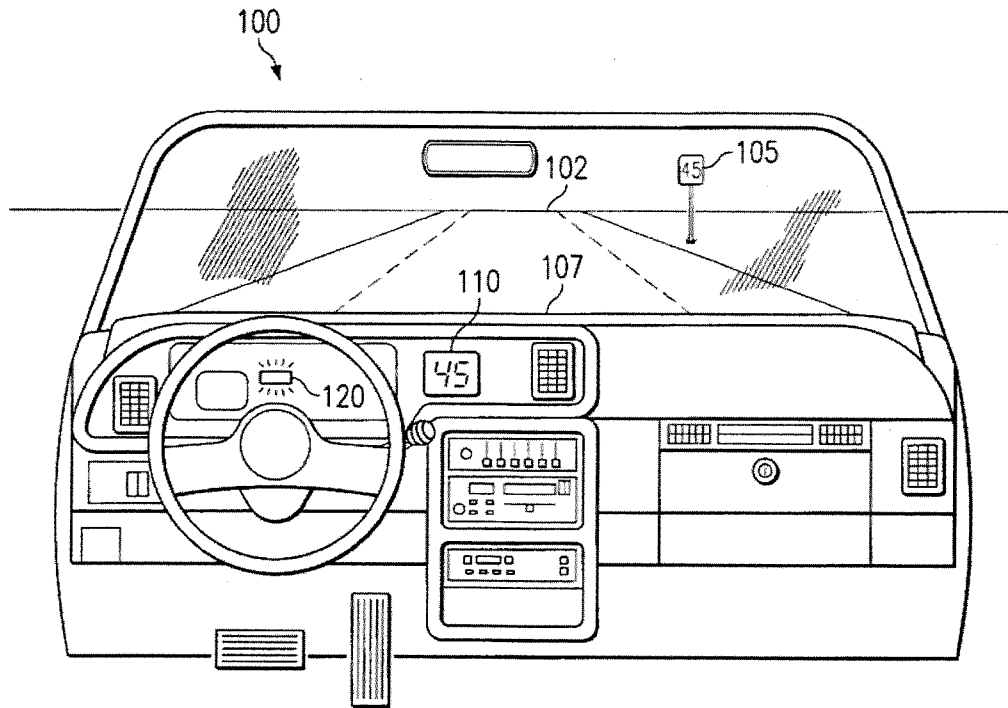


FIG. 1

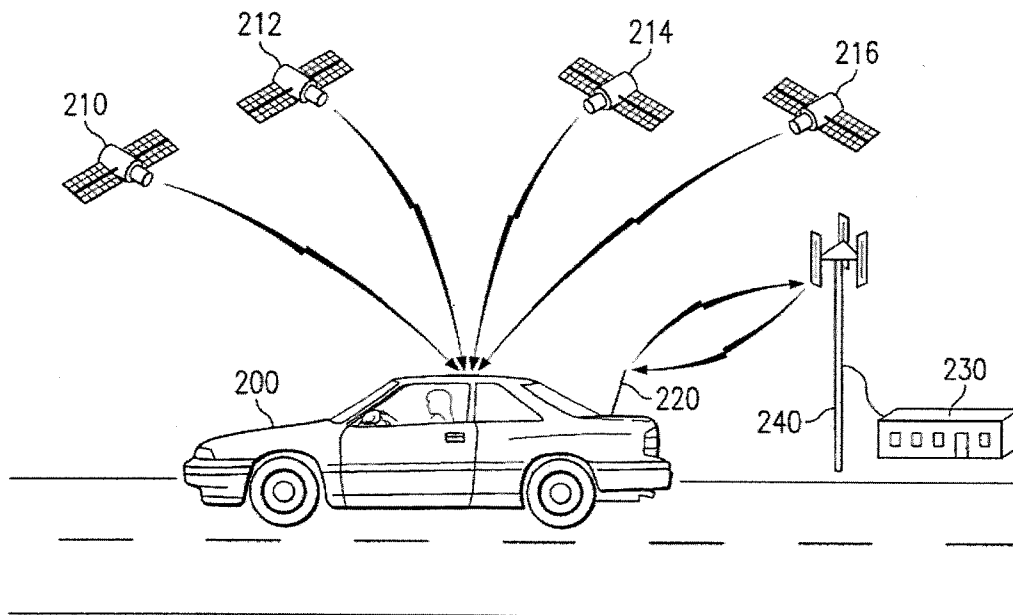
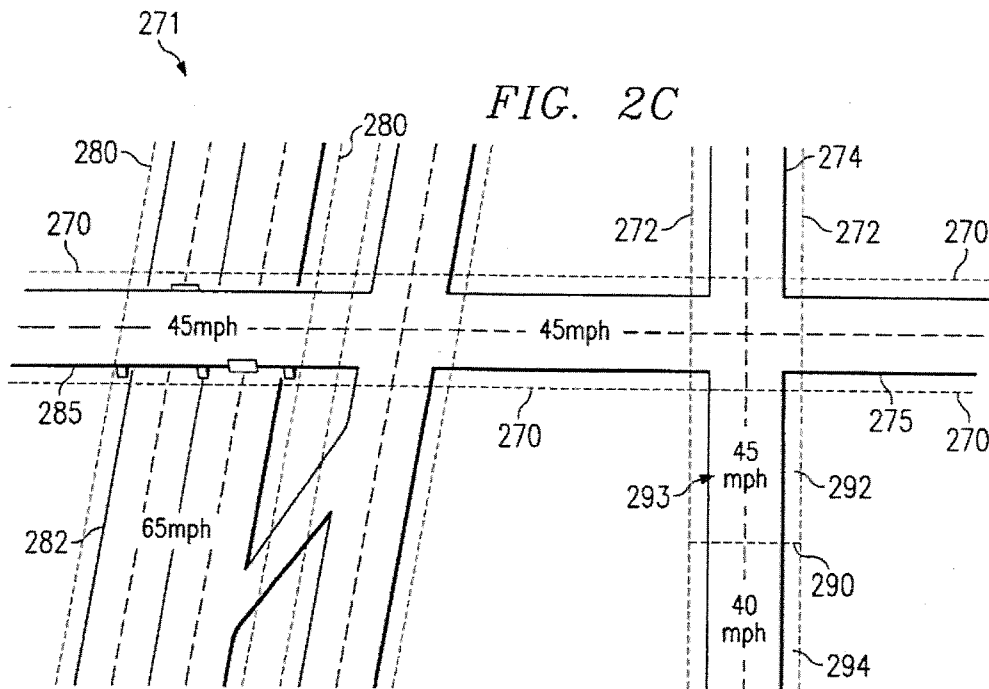
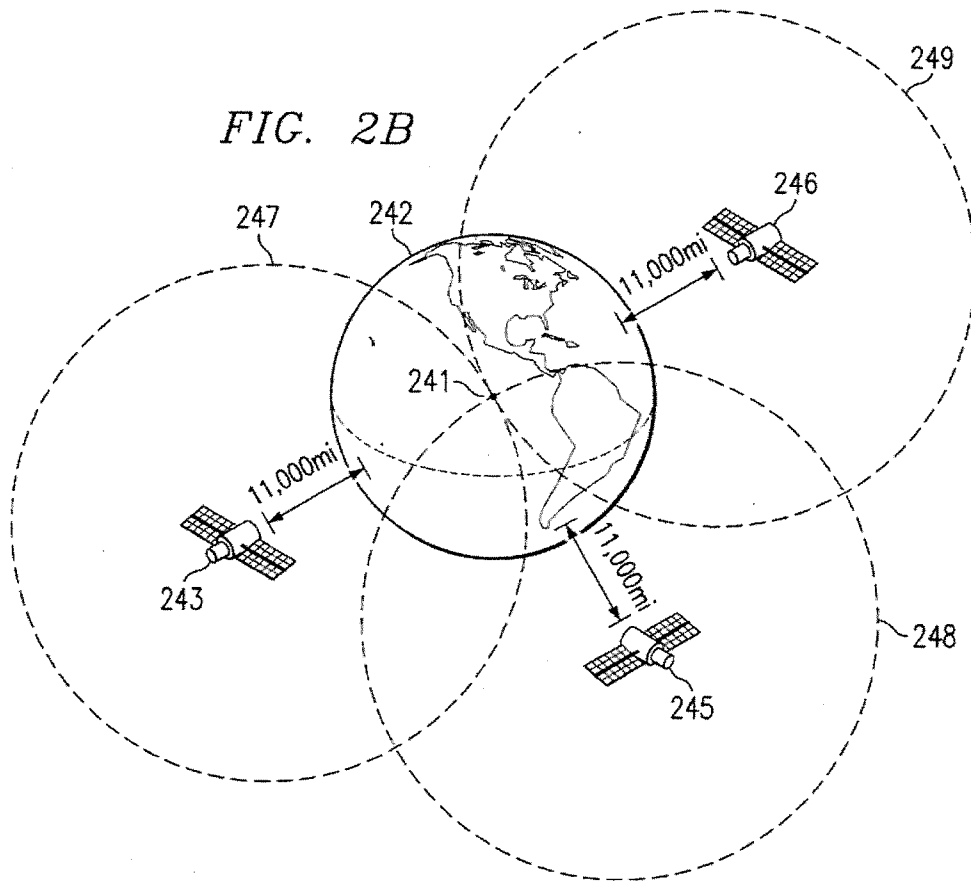


FIG. 2A



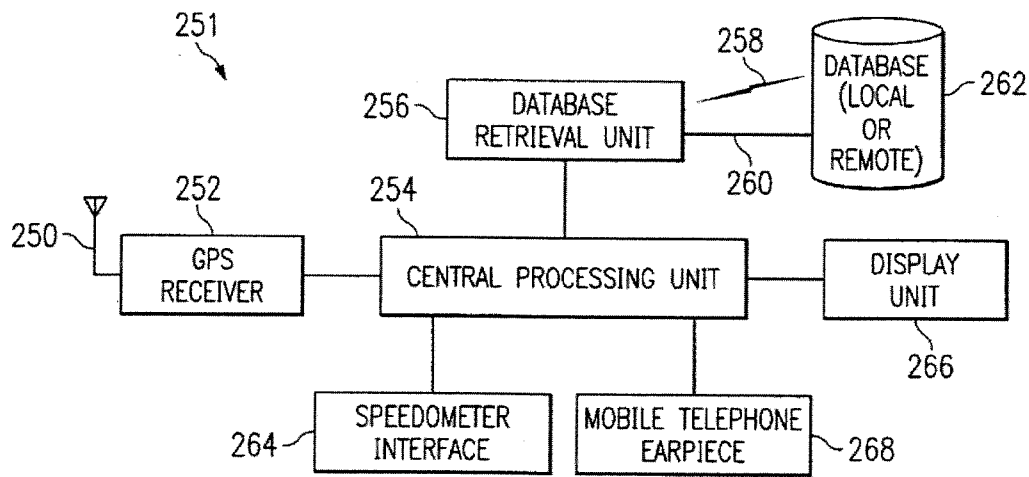


FIG. 2D

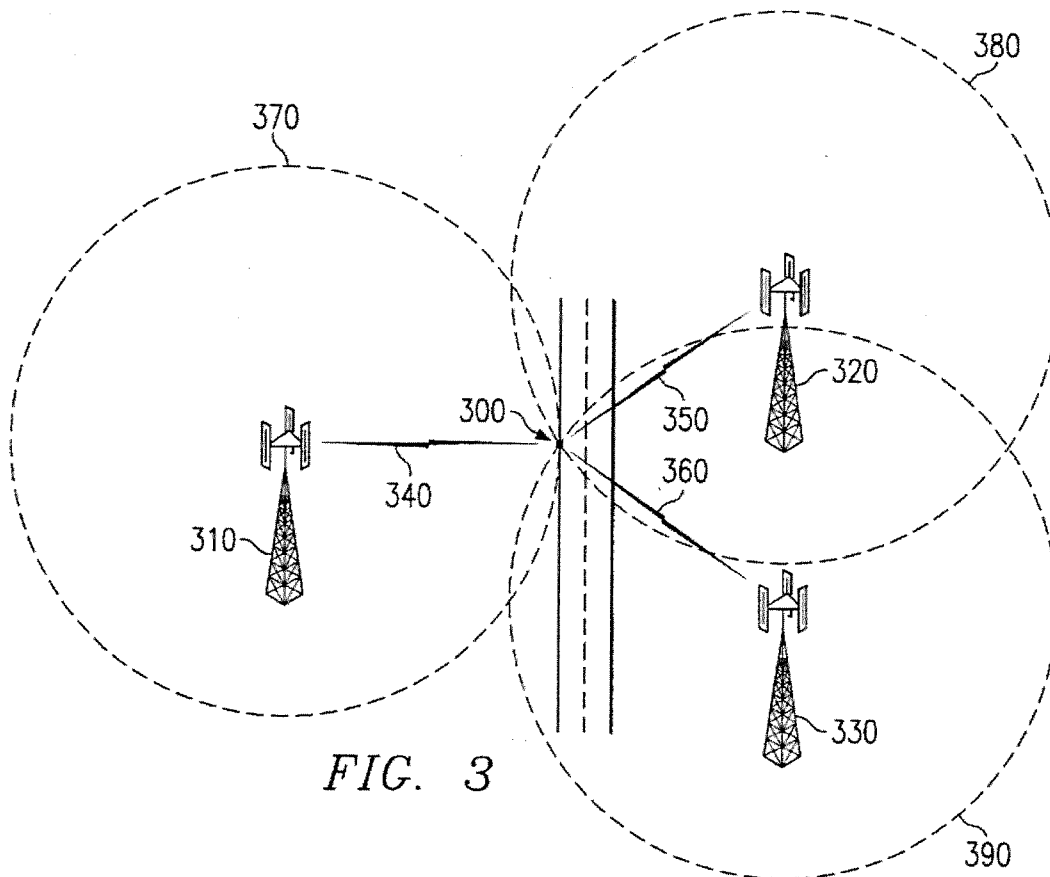


FIG. 3

FIG. 4

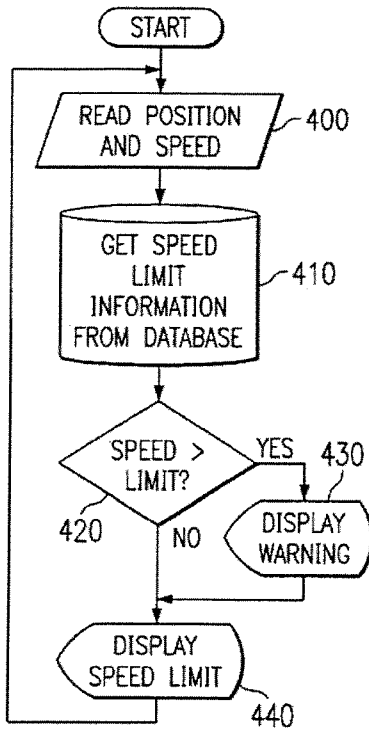


FIG. 5

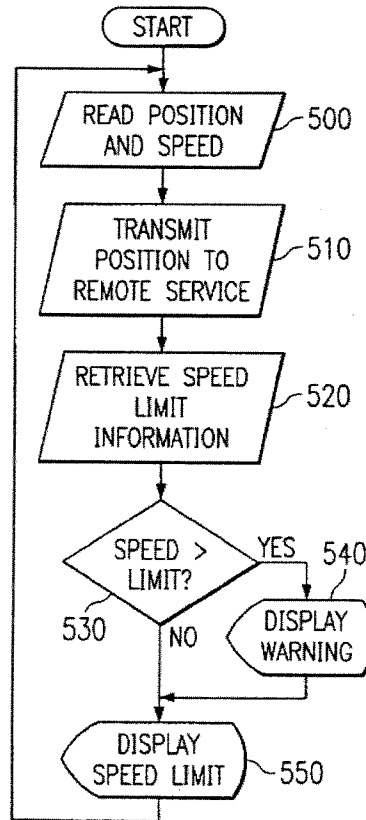
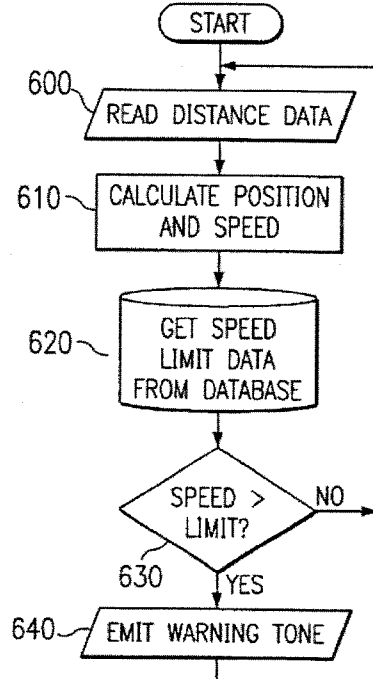


FIG. 6



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