

(12) **United States Patent**  
**Knockeart et al.**

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- (54) **PORTABLE DRIVER INFORMATION DEVICE**
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**Related U.S. Application Data**

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- (51) **Int. Cl.<sup>7</sup>** ..... **B60Q 1/00**
- (52) **U.S. Cl.** ..... **701/202; 701/35; 705/6; 709/203**
- (58) **Field of Search** ..... **701/202, 35; 709/203; 705/6**
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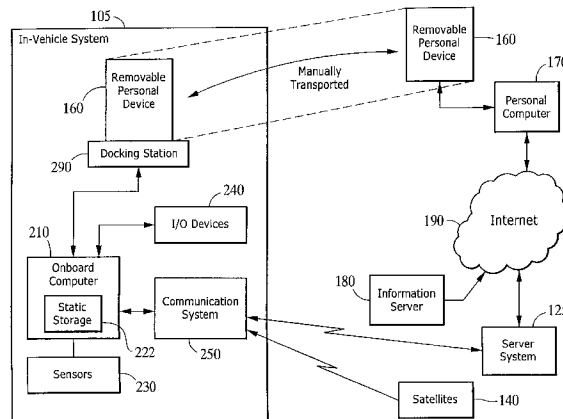
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*Primary Examiner*—Michael J. Zanelli  
*Assistant Examiner*—Eric M Gibson

(57) **ABSTRACT**

A system and method for making use of a removable device, such as a PDA, cellphone or similar device, in conjunction with a driver information system. The removable device is brought to a vehicle and data in the removable device is transferred to the vehicle. This data can be data that is normally stored in the removable device, such as contact data, or it can be data that the operator has selected and loaded into the removable device for transport to the vehicle, for instance to update the vehicle information system. Data can also be transferred from the vehicle to external systems by transporting it in the removable device.

**32 Claims, 8 Drawing Sheets**



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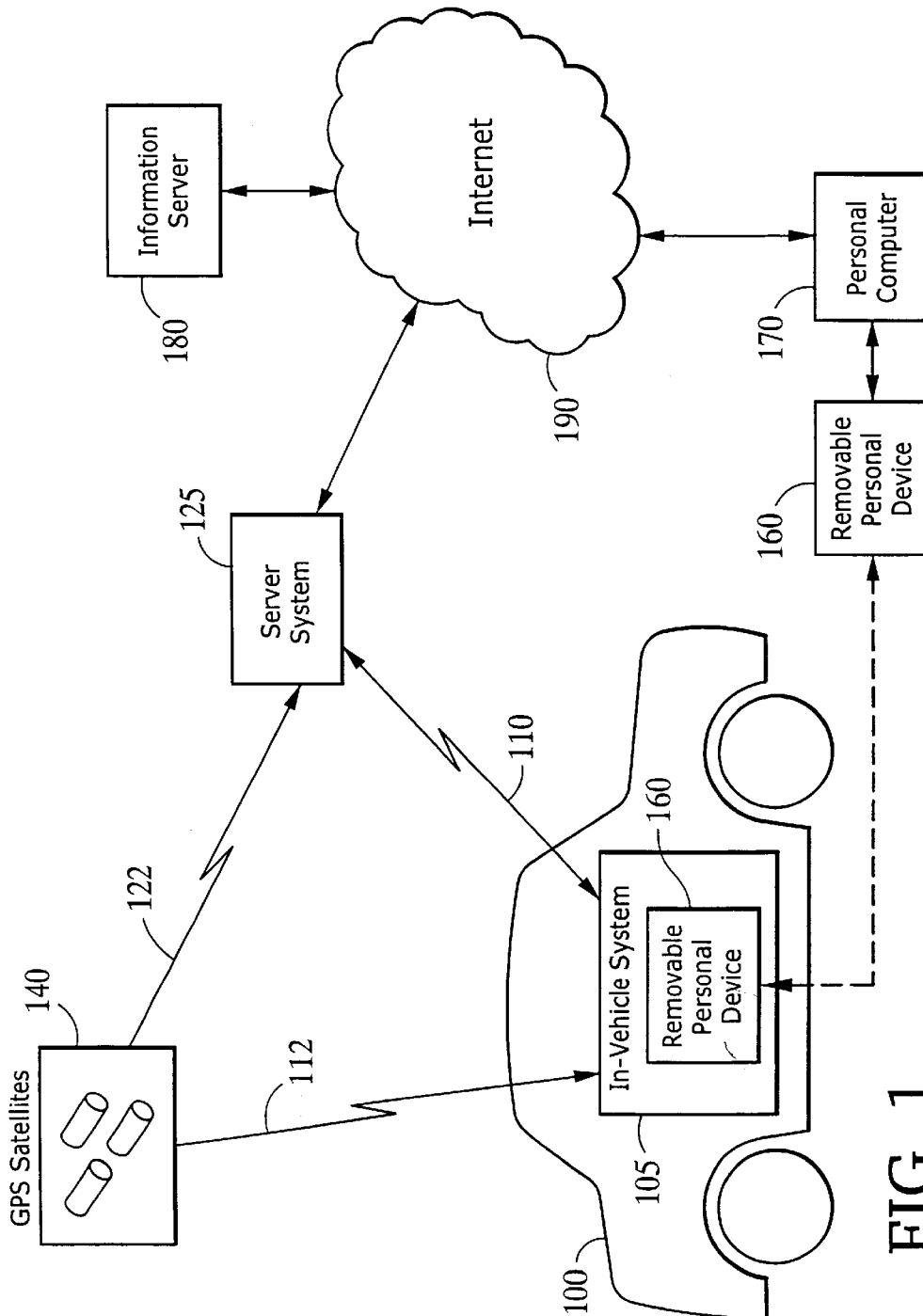


FIG. 1

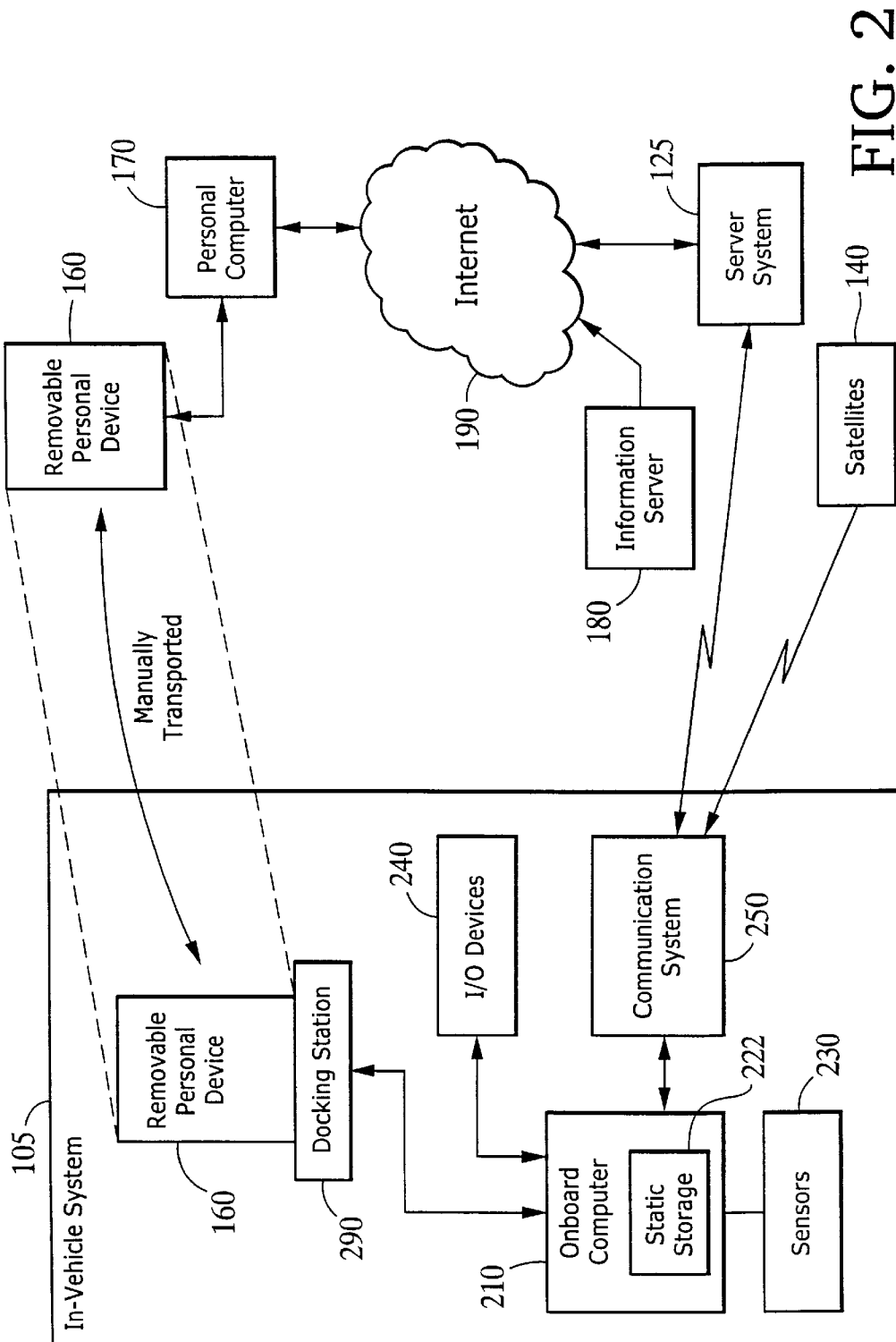


FIG. 2

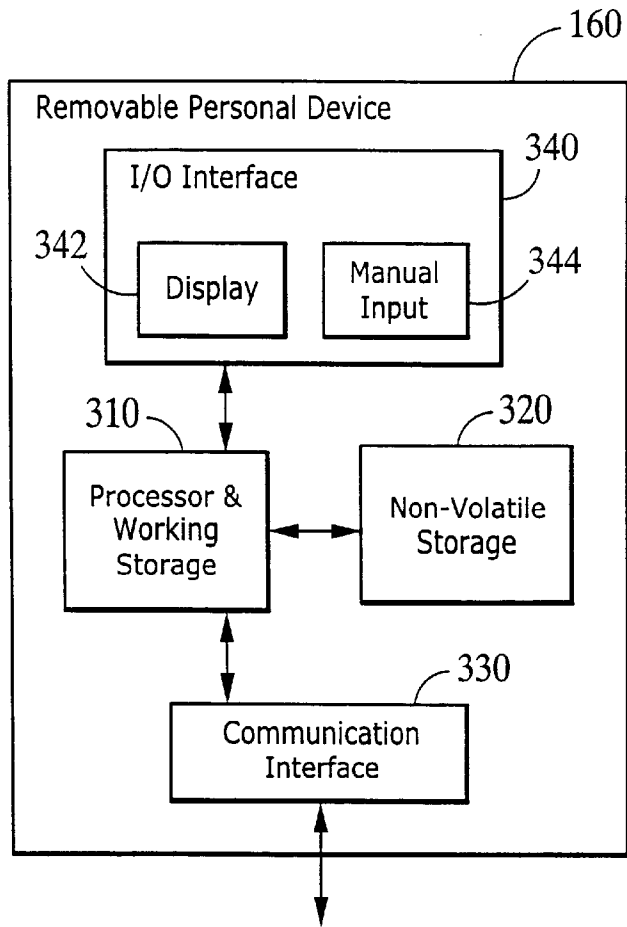


FIG. 3

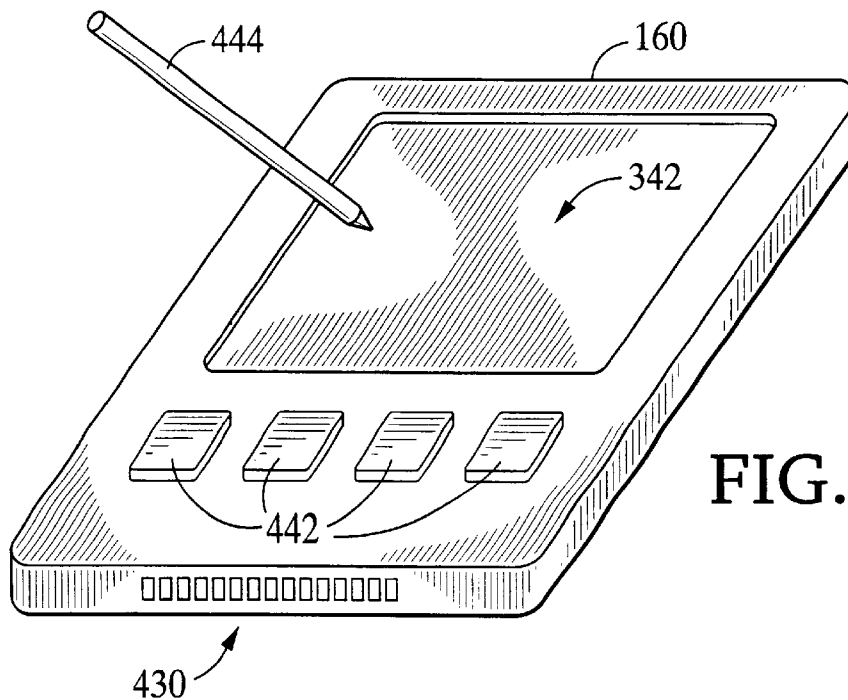


FIG. 4

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