United States Patent [19]

Drori et al.

[54] SYSTEM FOR INTEGRATING A CELLULAR TELEPHONE WITH A VEHICLE SECURITY SYSTEM

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- [21] Appl. No.: 497,107

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Related U.S. Application Data

- [63] Continuation-in-part of Ser. No. 345,654, May 1, 1989, abandoned.
- [51] Int. Cl.⁵ H04M 11/00

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[11] Patent Number: 5,081,667

[45] Date of Patent: Jan. 14, 1992

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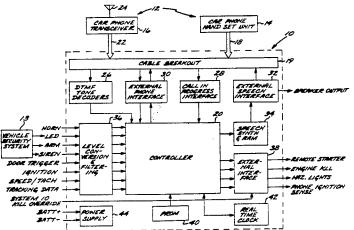
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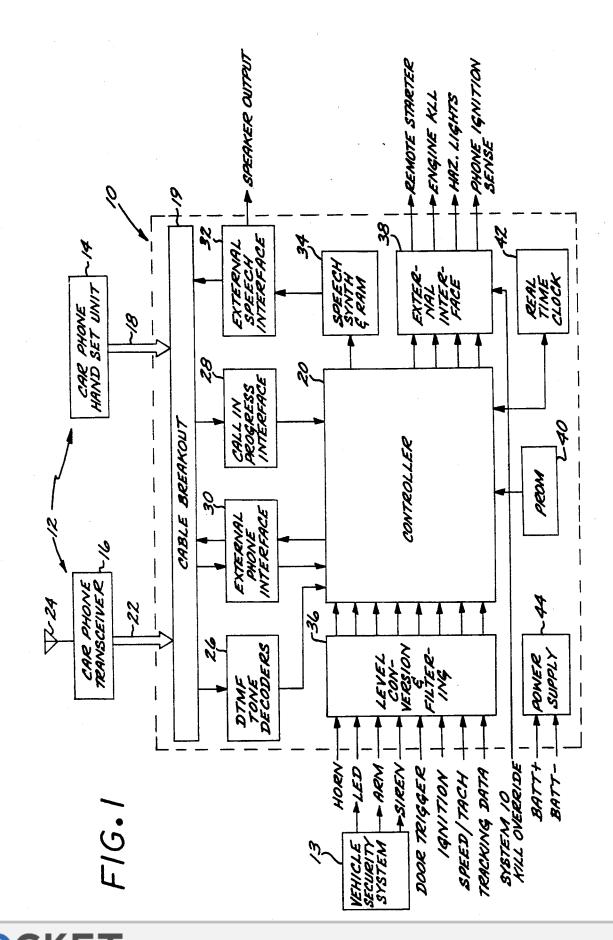
Primary Examiner—James L. Dwyer Assistant Examiner—Dwayne D. Bost Attorney, Agent, or Firm—Roberts and Quiogue

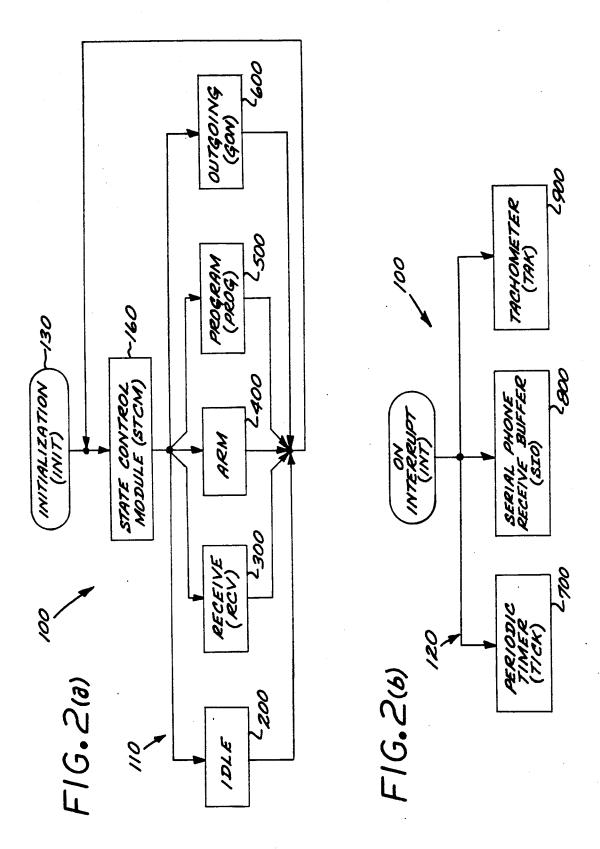
[57] ABSTRACT

An interfacing system for integrating a wide variety of cellular communication systems with most vehicle security systems. The system includes a controller and an interfacing arrangement for matching the cellular telephone to the controller. The interfacing arrangement. includes a library, stored in memory, having a plurality of unique translation tables corresponding to the protocols of a plurality of unique cellular communication systems. The interfacing arrangement further includes an initializing capability for selecting an operating protocol for the interfacing system from the library which is compatible with the protocol of the cellular communication system. Hardware and software are included for interfacing the vehicle security to the controller and for interfacing the controller to the vehicle. In a specific embodiment, the selection of cellular telephone type or make is made from the keypad of the cellular telephone.

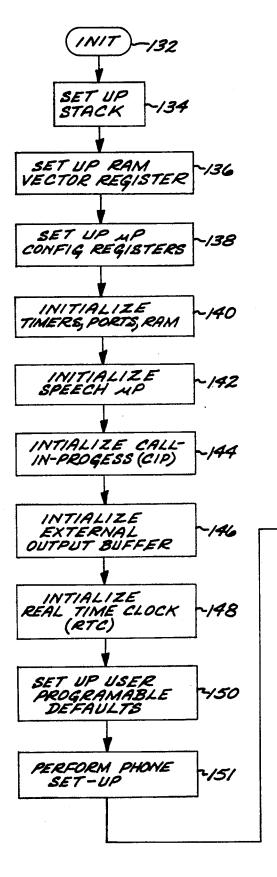
92 Claims, 46 Drawing Sheets







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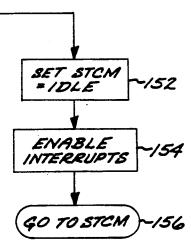


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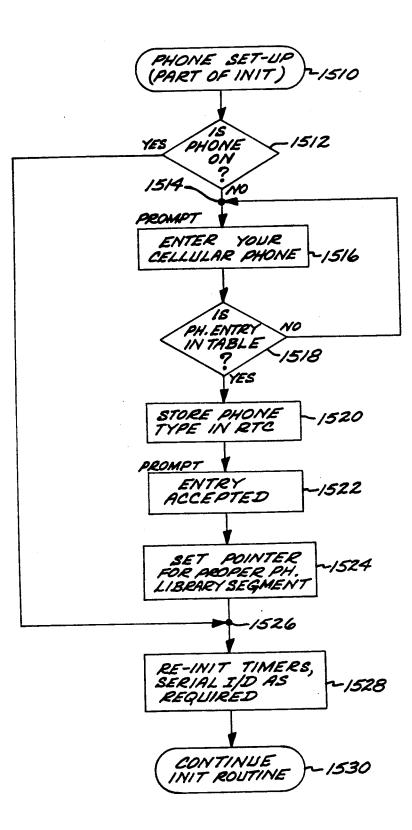


FIG. 3(b)

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