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Simms et al.

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[54] **PERSONAL SECURITY SYSTEM**

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[52] U.S. Cl. **340/990; 340/988;**
340/995; 340/426; 342/457; 364/460; 379/59

[58] Field of Search 340/988, 989, 990-993,
340/539, 426, 995, 574, 434, 905, 286.13,
286.14; 180/287; 379/59, 37, 38, 39, 40, 44, 45;
342/457, 357; 364/424.04, 449, 460

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[57] **ABSTRACT**

A fully automatic personal security system which...

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binesthe advantages of worldwide LORAN-C or GPS navigation with the substantially worldwide communication capabilities of a cellular telephone or communication satellite. The security system comprises a mobile unit which communicates emergency data including position coordinates, and a central dispatch station which receives the emergency data and accurately displays all necessary emergency information superposed on a digitized map at a position corresponding to the location of the mobile unit.

27 Claims, 9 Drawing Sheets

FIG. 1

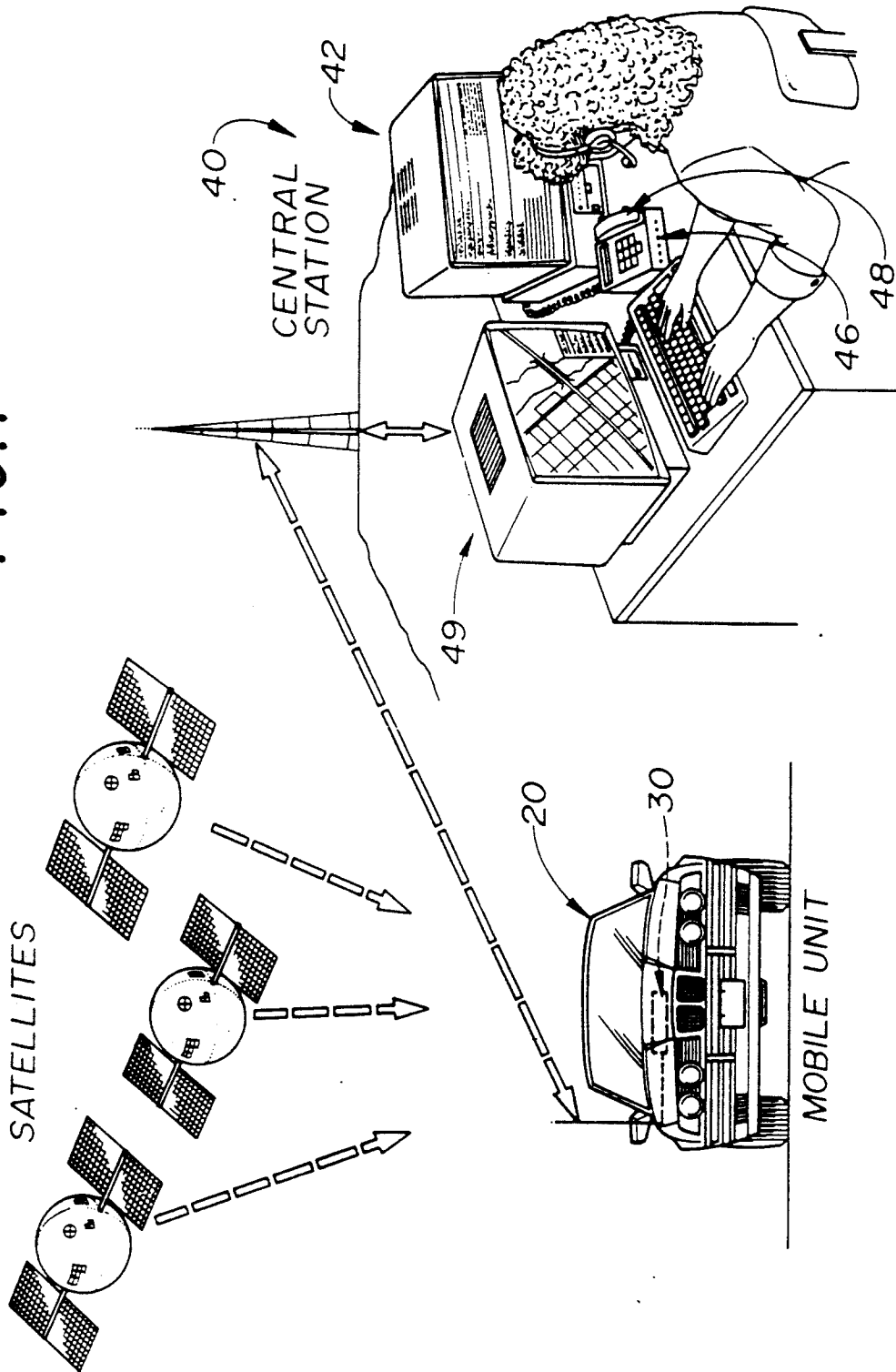
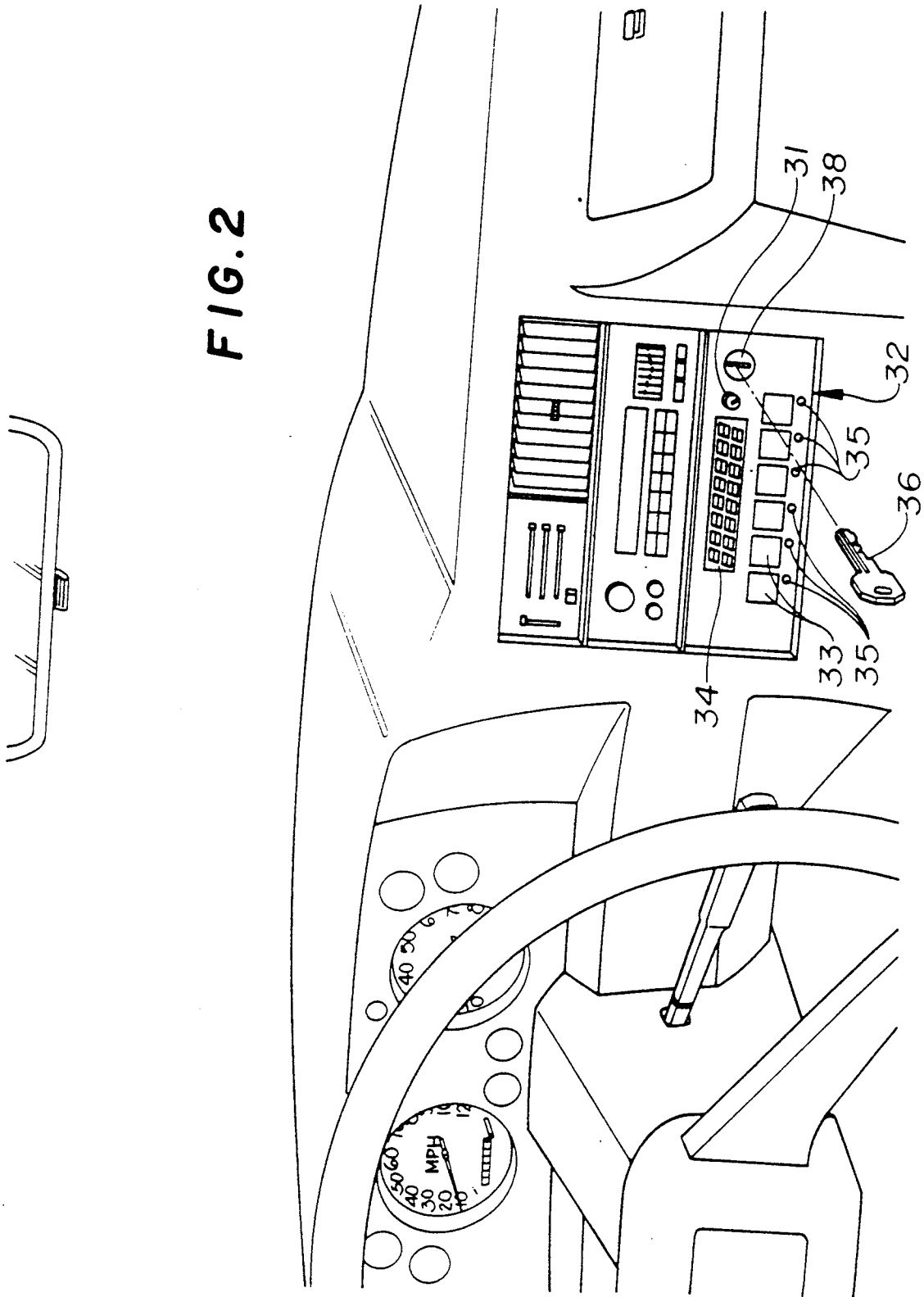


FIG. 2



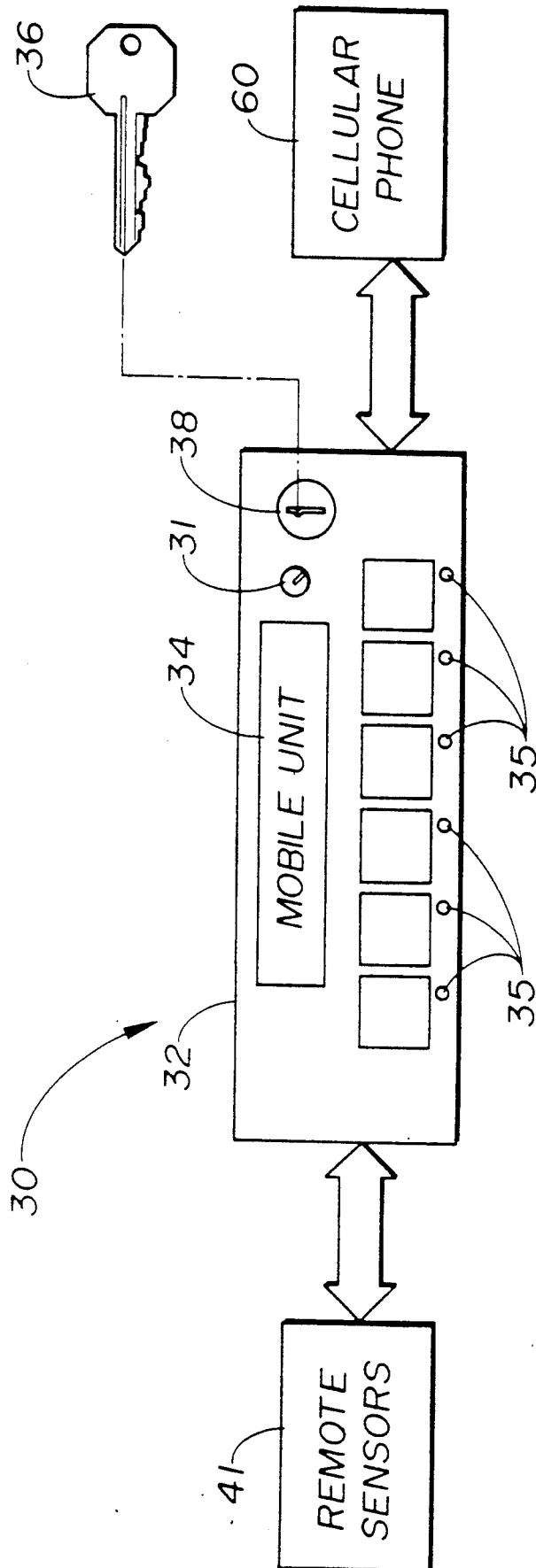


FIG. 3

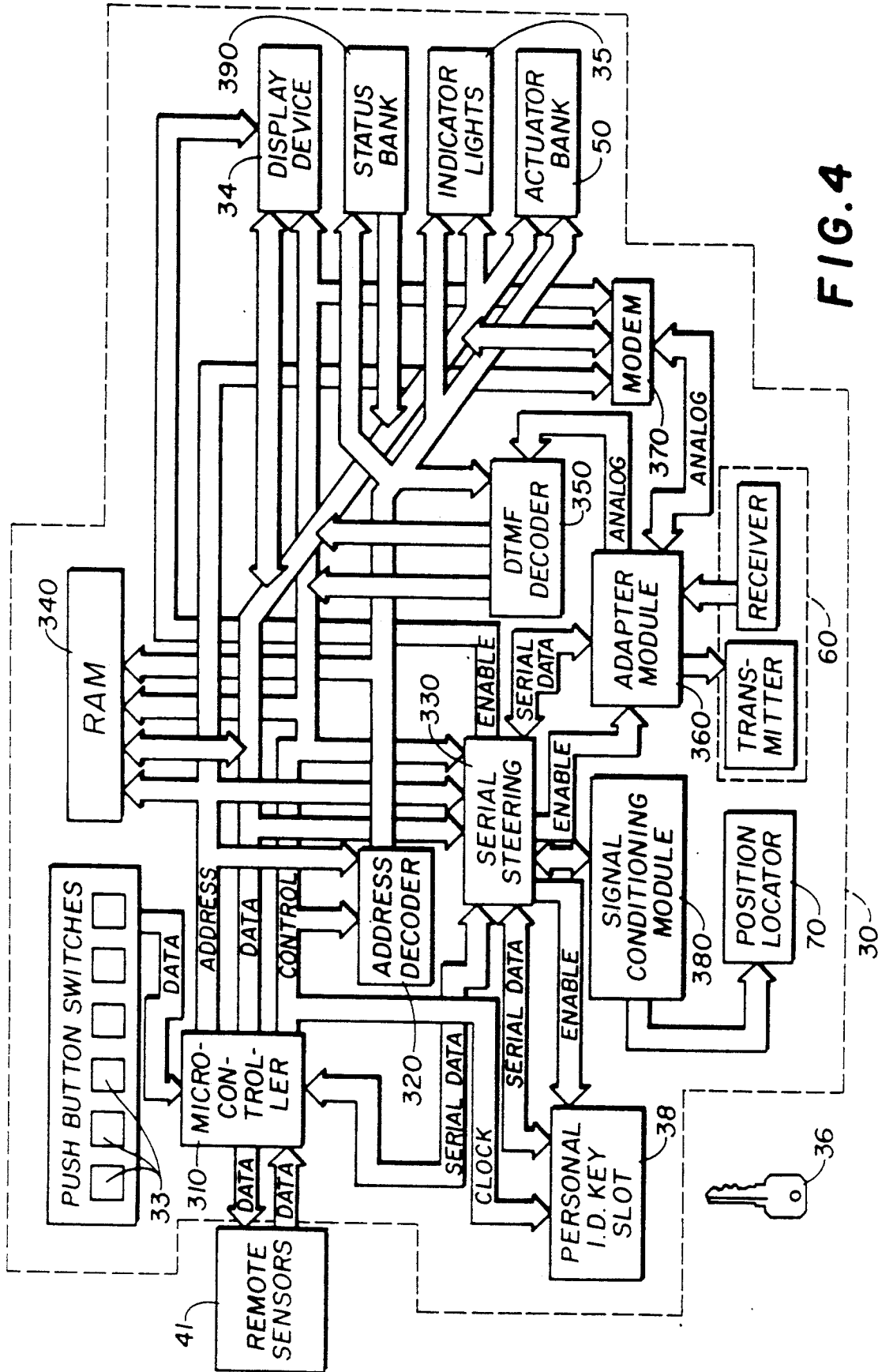


FIG. 4

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