

[54] NAVIGATION SYSTEM FOR USE WITH AN AUTOMOBILE AND READING UNIT FOR THE SYSTEM

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[21] Appl. No.: 395,338

[22] Filed: Jul. 6, 1982

[30] Foreign Application Priority Data

Jul. 7, 1981 [JP] Japan 56-106570

[51] Int. Cl.³ G06F 15/50

[52] U.S. Cl. 364/424; 364/449; 364/521; 340/990; 340/995; 73/178 R; 343/451

[58] Field of Search 364/424, 443, 444, 449, 364/521; 353/11, 12; 343/450-453; 340/988-990, 992, 995, 996; 73/178 R; 358/104; 360/61, 79, 94, 132, 134

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[57] ABSTRACT

In a navigation system arranged to display a road map in accordance with road map information from a cassette tape, and the present location of a motor vehicle equipped with the navigation system, a cassette tape distinguishing circuit is provided to a cassette tape player which picks up the road map information from a predetermined cassette having a window at given portion of the cassette housing. A switching circuit is responsive to the cassette tape distinguishing circuit so that the output data of the cassette tape is processed to display a given map only when a cassette carrying road map information is loaded in the cassette tape player. In the case a normal cassette carrying audio signals, such as music, is loaded the picked up audio signal is transmitted to an amplifier so that sound reproduction is effected. Thus, a single cassette player can be used in common as both a part of the navigation system and a part of a sound reproduction system.

9 Claims, 13 Drawing Figures

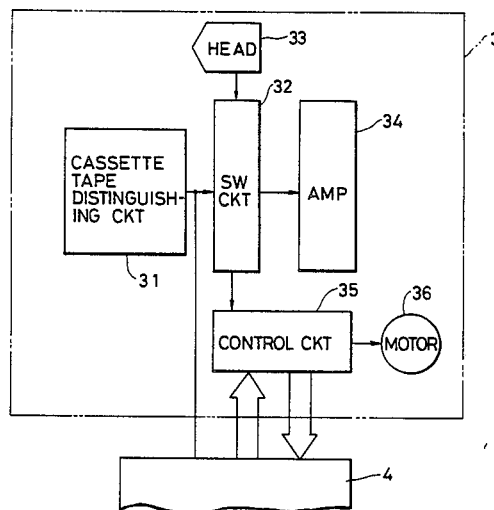


FIG. 1

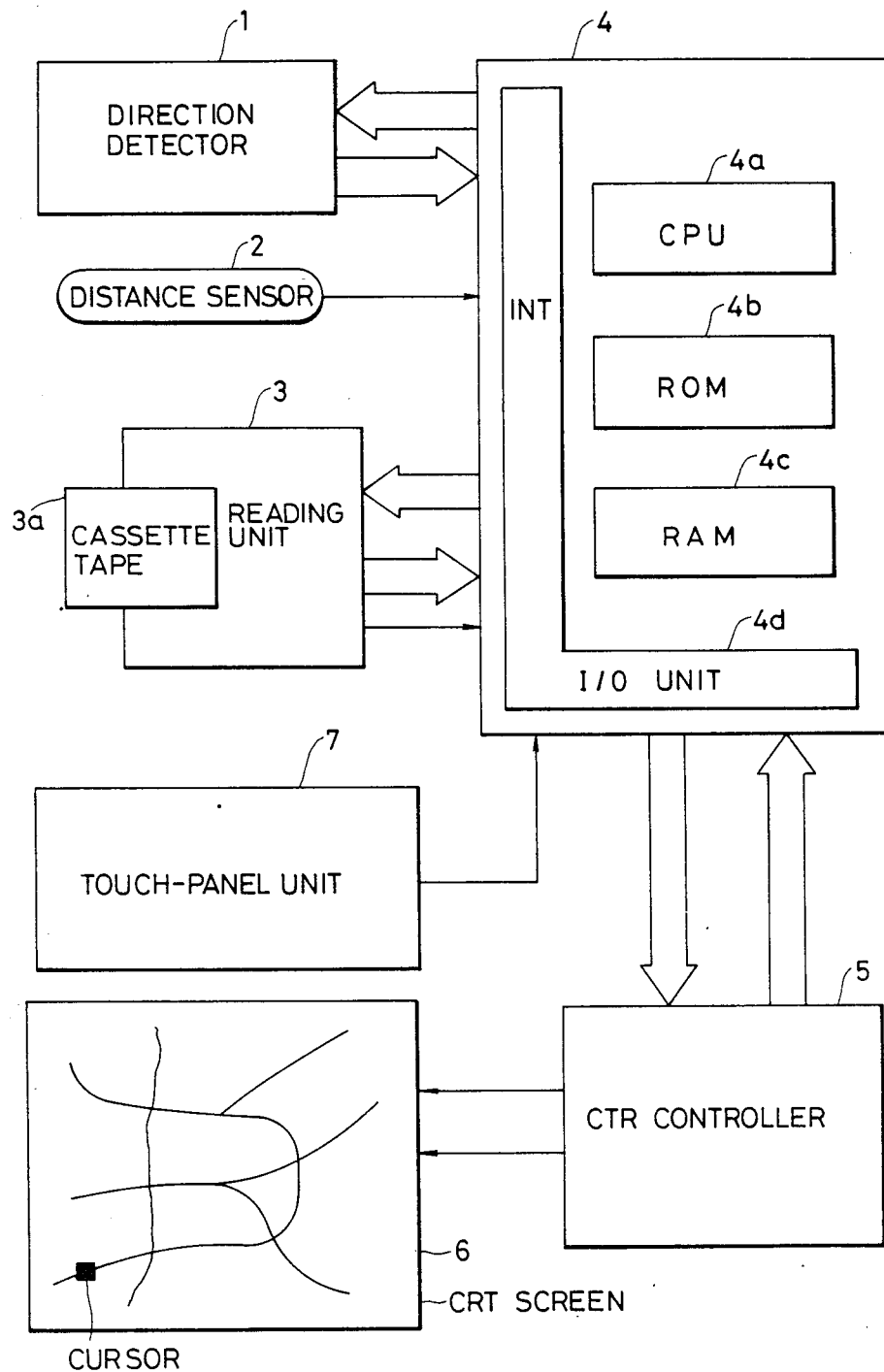


FIG. 2

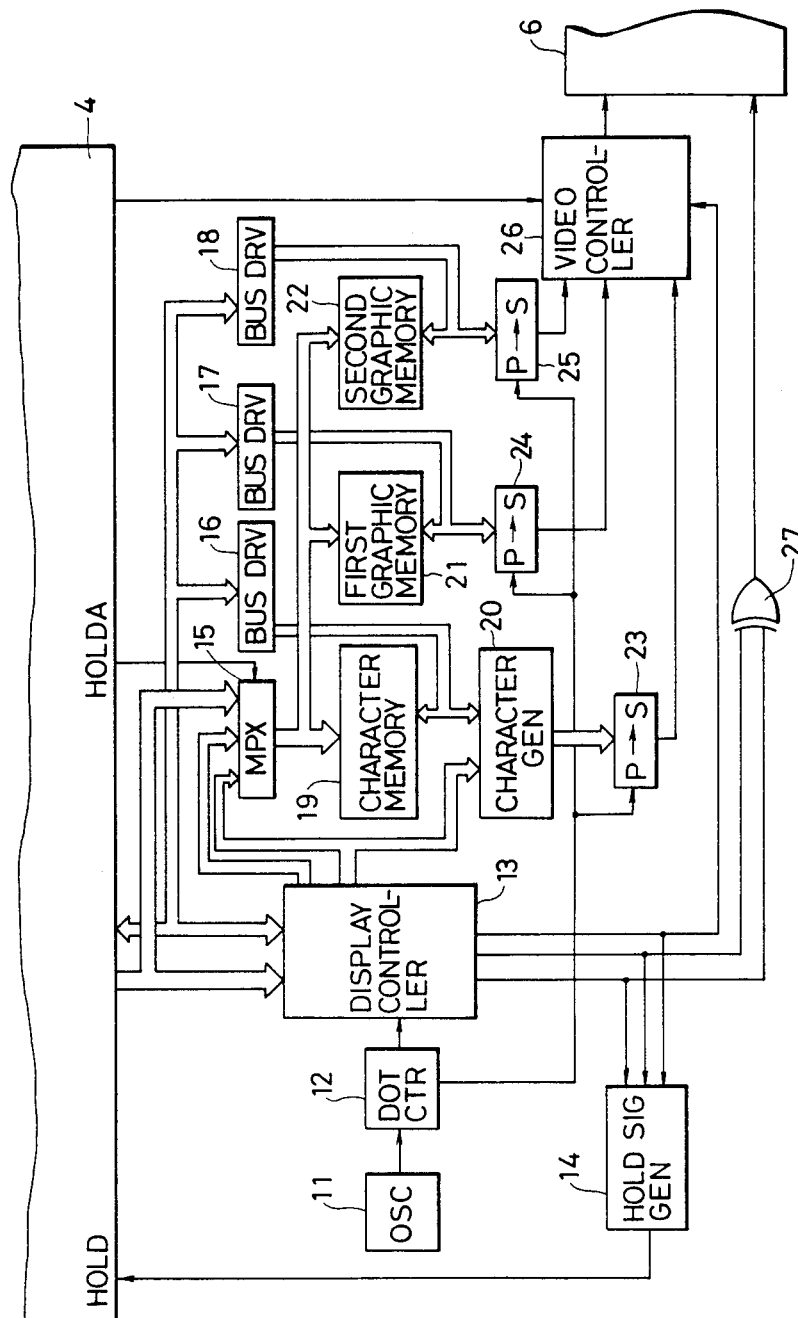


FIG. 3A

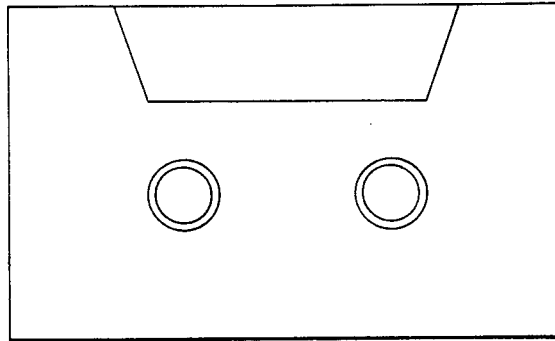


FIG. 3C



FIG. 3B

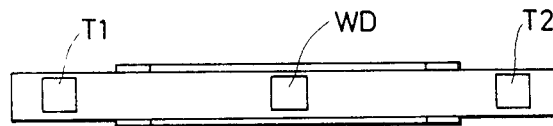
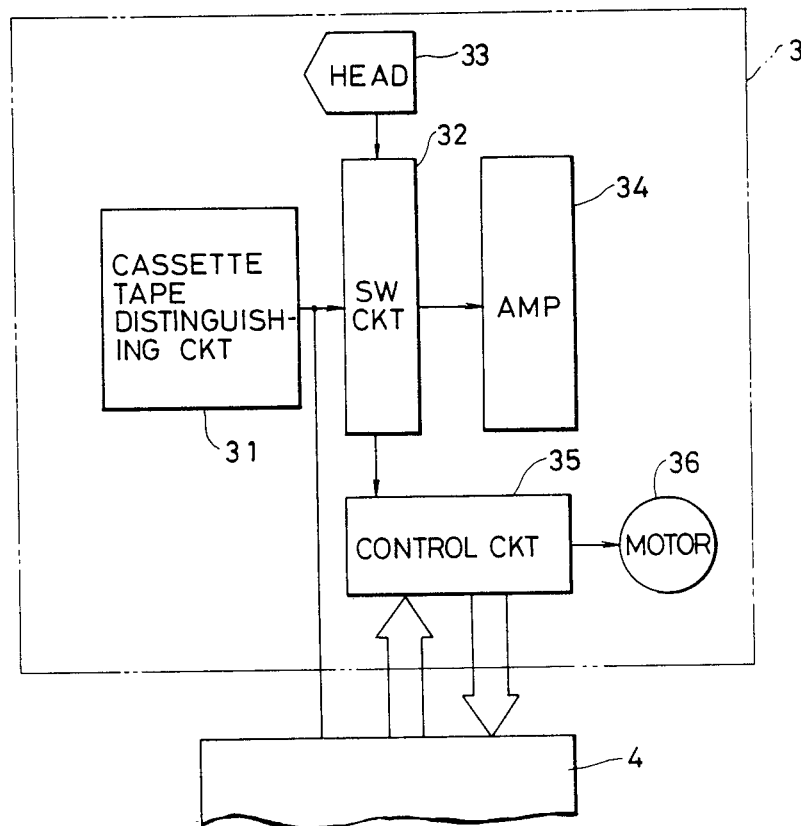


FIG. 4



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