United States Patent [19]

Cummings

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[54] **NAVIGATION SYSTEM**

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[52] **U.S. Cl.** **364/449;** 364/443

[58] **Field of Search** 364/443, 444, 449, 200, 364/900, 424; 340/990, 995

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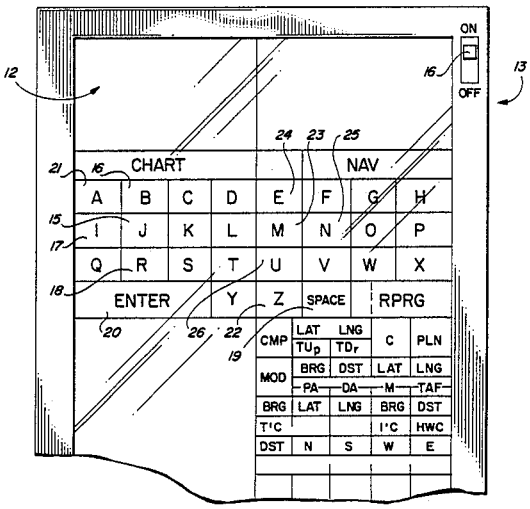
[57] **ABSTRACT**

An improved navigation system for a vehicle. The system includes a microprocessor and memory therefor and permits the pilot of an aircraft or other vehicle to display on a screen a navigation chart showing the position of the vehicle with respect to fixed environmental checkpoints. A compact laser disk comprises the memory. Environmental checkpoints and other navigation data displayed on the screen are stored on the compact disk. The system includes a procedure for inexpensively and quickly updating system memory. The system supersedes navigation chart manuals now utilized by pilots.

4 Claims, 3 Drawing Sheets