

[54] **ELECTRONIC TELEVISION PROGRAM GUIDE SCHEDULE SYSTEM AND METHOD WITH DISPLAY AND SEARCH OF PROGRAM LISTINGS BY TITLE**

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[52] U.S. Cl. 348/7; 348/13; 455/4.2; 345/146; 345/902; 395/327

[58] Field of Search 348/6, 7, 12, 13, 348/906; 455/3.1, 4.2, 5.1, 6.1; 395/156; 345/146, 902; H04N 7/16, 7/173

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Primary Examiner—John K. Peng

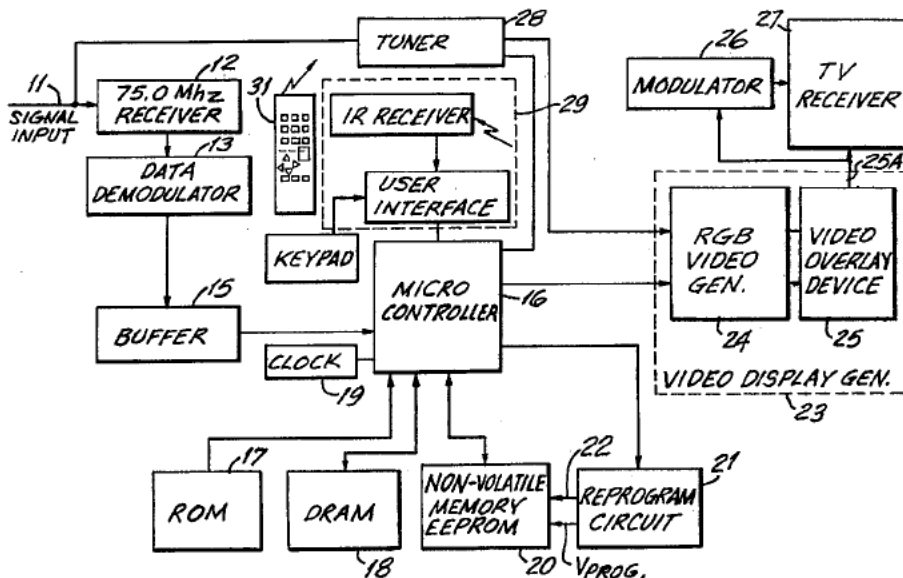
Assistant Examiner—Chris Grant

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[57] **ABSTRACT**

An electronic program schedule system which includes a receiver for receiving broadcast, satellite or cablecast television programs for a plurality of television channels and a tuner for tuning a television receiver to a selected one of the plurality of channels. A data processor receives and stores in a memory television program schedule information for a plurality of television programs to appear on the plurality of television channels. A user control apparatus, such as a remote controller, is utilized by a viewer to choose user control commands and transmit signals in response to the data processor which receives the signals in response to user control commands. A television receiver is used to display the television programs and television program schedule information. A video display generator receives video control commands from the data processor and program schedule information from the memory and displays a portion of the program schedule information in overlaying relationship with a television program appearing on a television channel in at least one mode of operation of the television programming guide. The data processor controls the video display generator with video control commands, issued in response to the user control commands, to display program schedule information for any chosen one of the plurality of television programs in overlaying relationship with at least one television program then appearing on any chosen one of the plurality of channels on the television receiver.

23 Claims, 57 Drawing Sheets



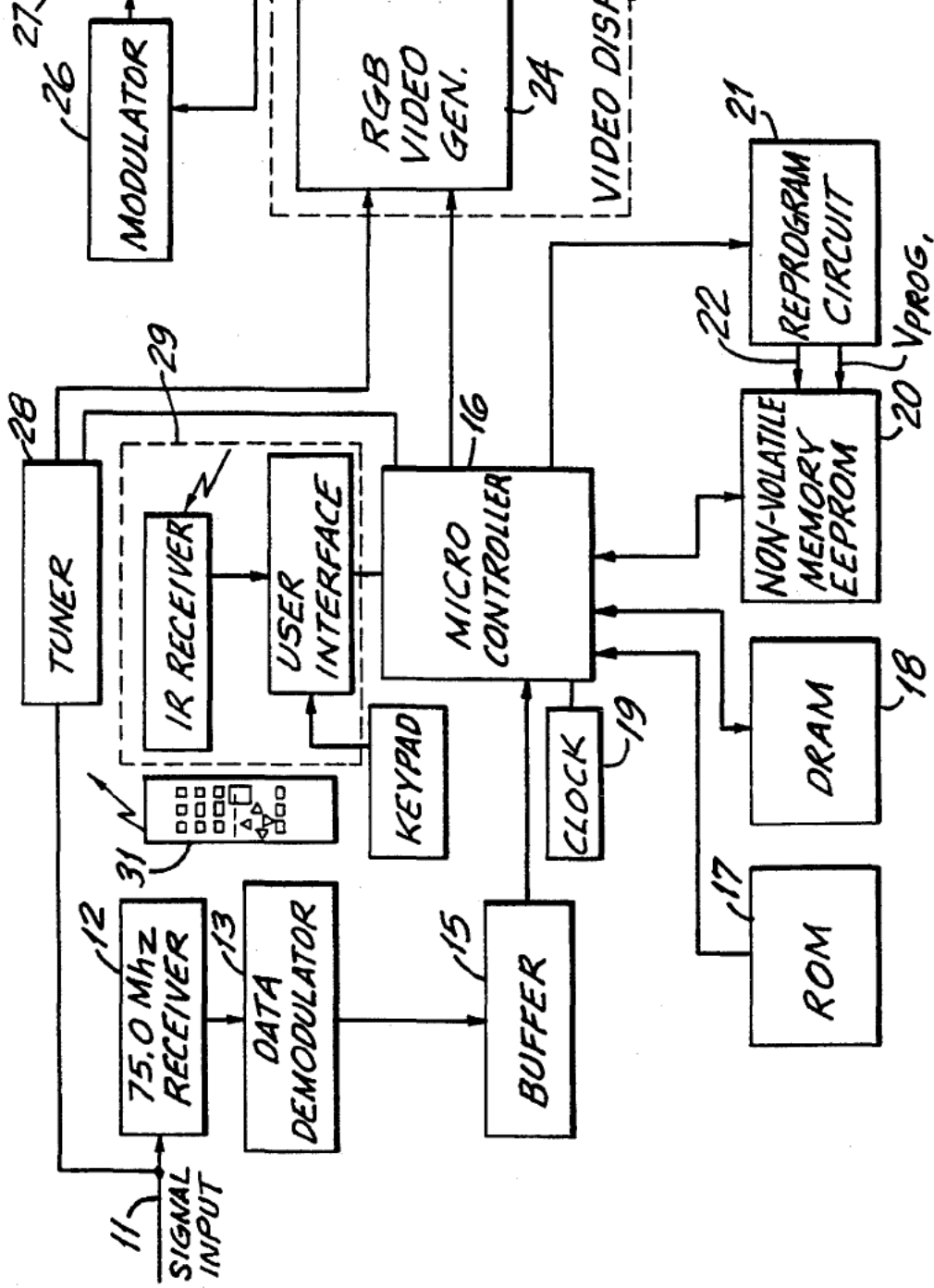


FIG. 1

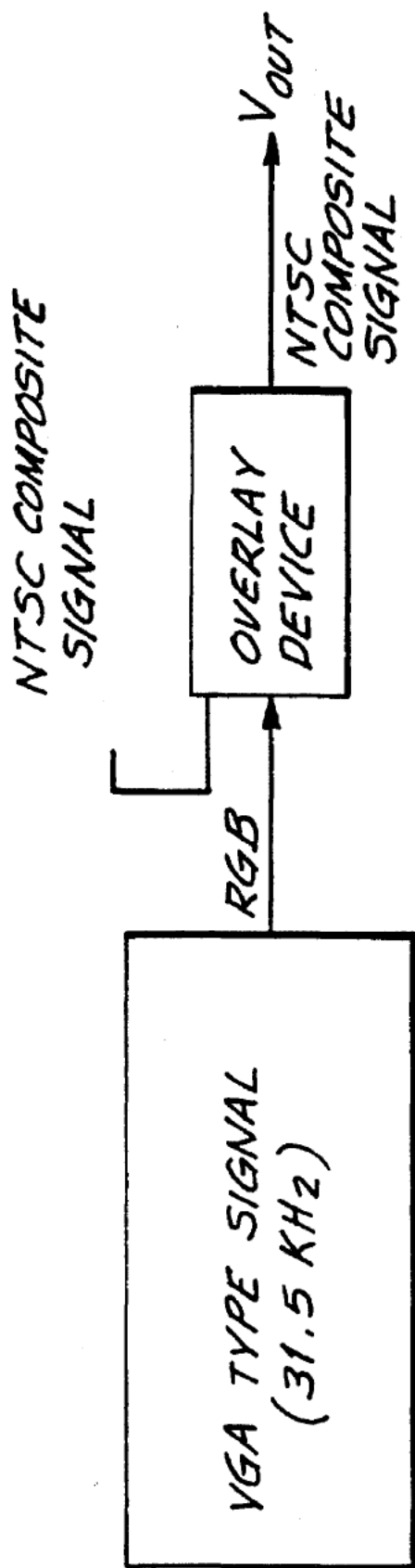


FIG. 2

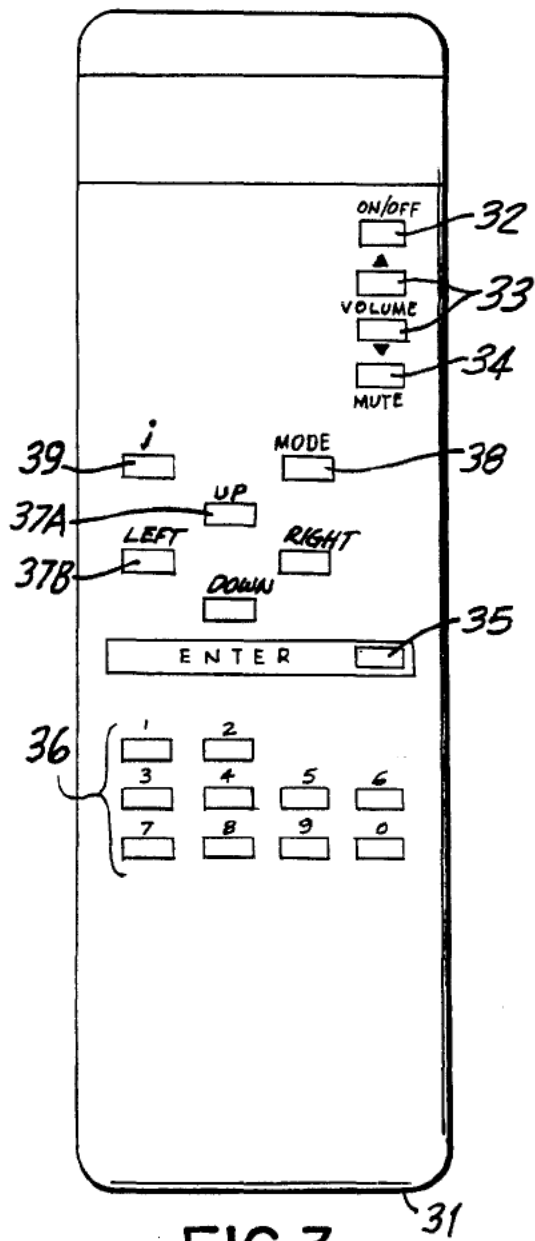


FIG. 3

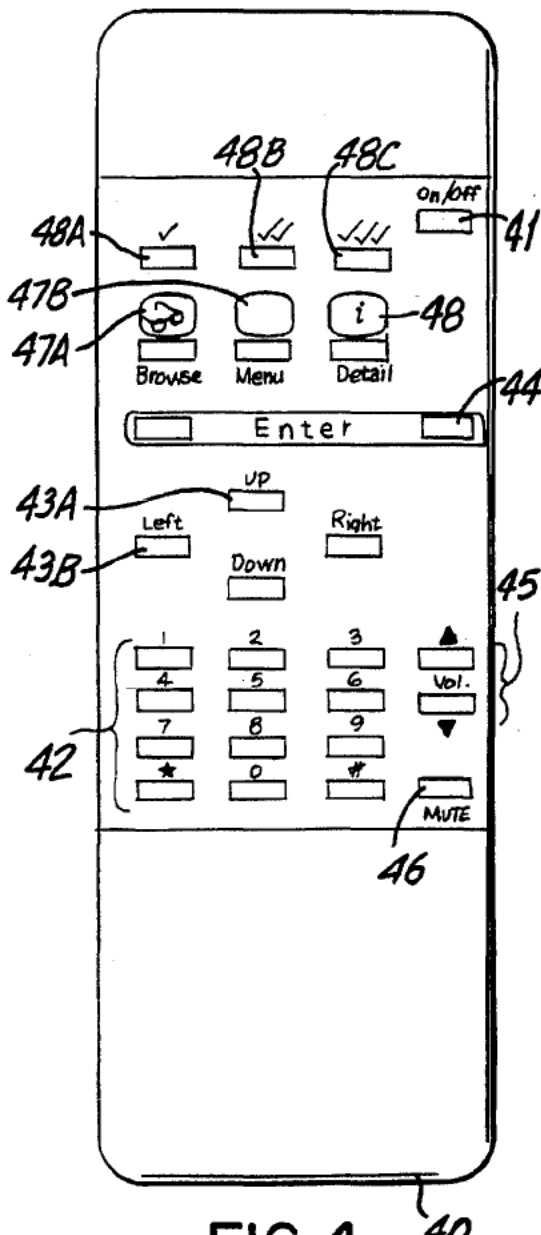


FIG. 4

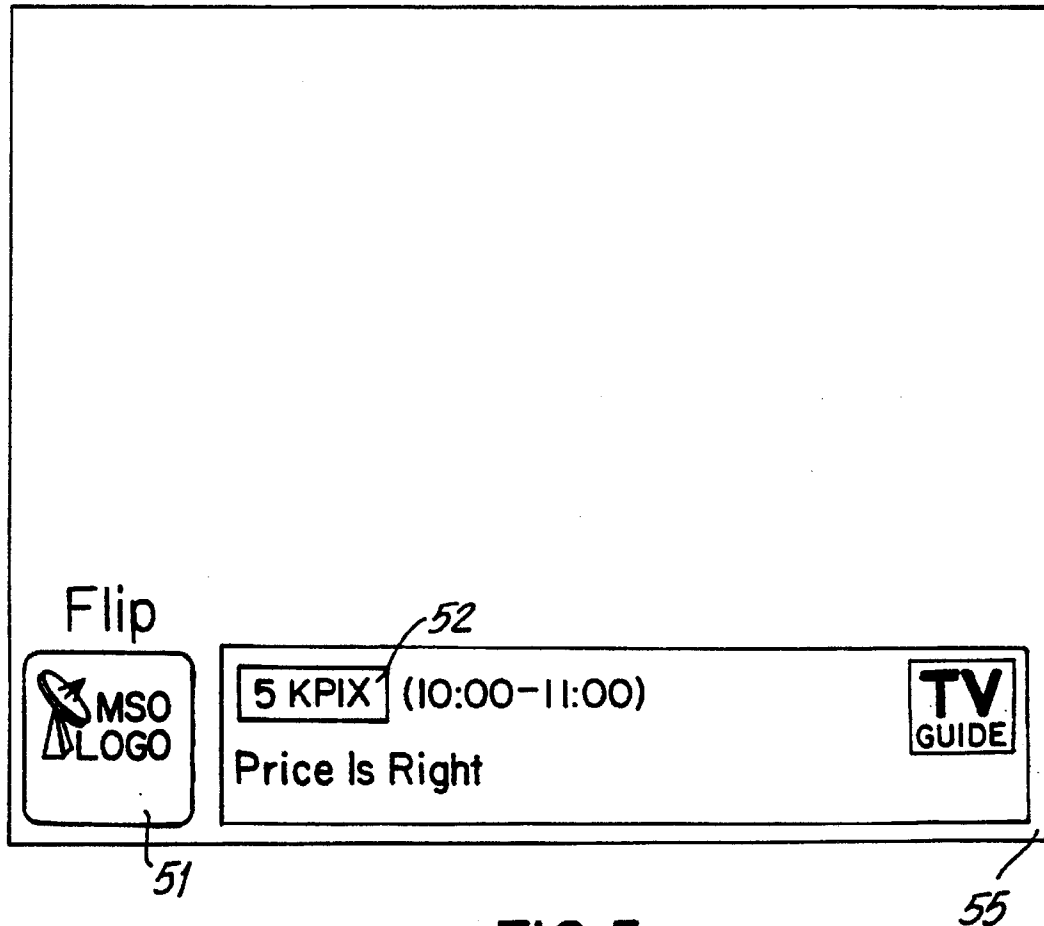


FIG. 5

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