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United States Patent [19]

Looney et al.

[11] **Patent Number:** **5,969,283**[45] **Date of Patent:** **Oct. 19, 1999**[54] **MUSIC ORGANIZER AND ENTERTAINMENT CENTER**

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[51] **Int. Cl.**⁶ **G09B 5/00**; G09B 15/04;
H04L 9/00; G10H 1/46

[52] **U.S. Cl.** **84/609**; 84/639; 84/478;
84/633; 380/19; 380/25; 380/49; 380/53;
434/307 A

[58] **Field of Search** 84/601, 602, 609-614,
84/633-640, 477 R, 478, DIG. 6; 434/307 R,
307 A; 380/19-21, 23-25, 30, 49, 50, 53

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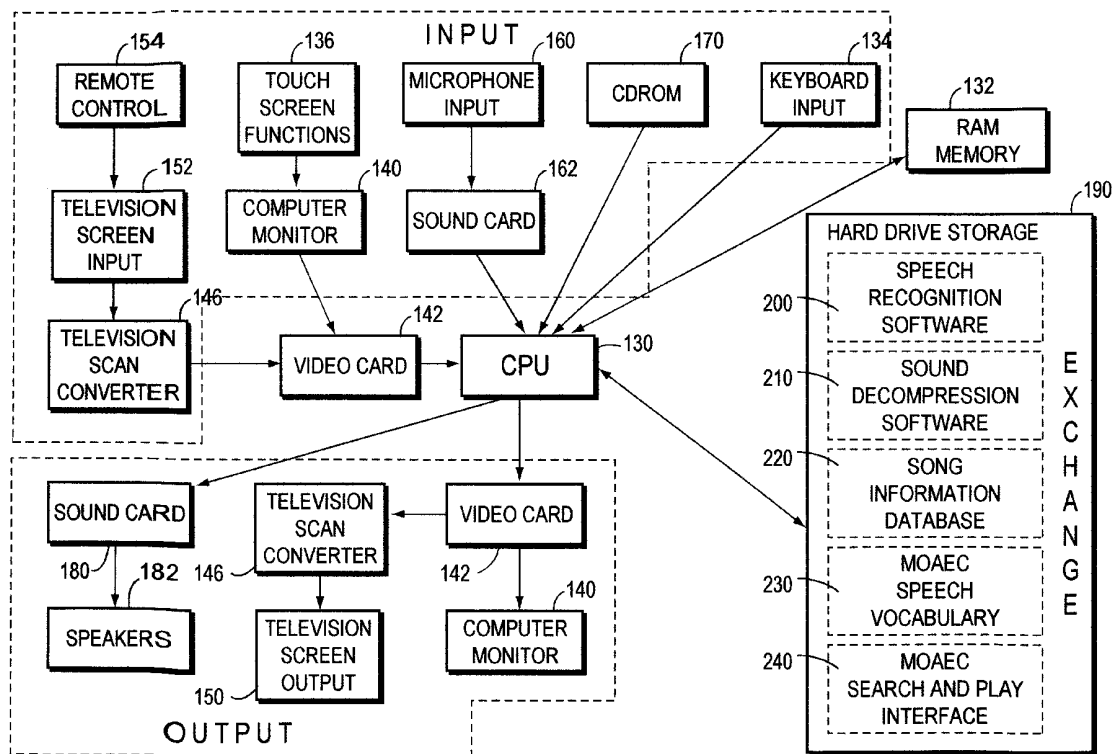
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Primary Examiner—Stanley J. Witkowski

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[57] **ABSTRACT**

A music organizer and entertainment center provides a center having a microprocessor, sound card functions and high-volume data storage and retrieval units for playing back music according to a variety of predetermined categories. Music can be played back in random form or can be played back according to a particular pre-selected order. The categories are provided by service provider who delivers selected titles and/or songs to the end user. The songs are typically loaded using a custom CD-ROM provided from the service provider. The music is provided in data-compressed form and is decompressed and processed through a sound card during playback. The categories can include a variety of parameters such as title, artists, date, speed, dance characteristics, subjective energy level and music style, such as easy-listening, upbeat, etc.

18 Claims, 27 Drawing Sheets

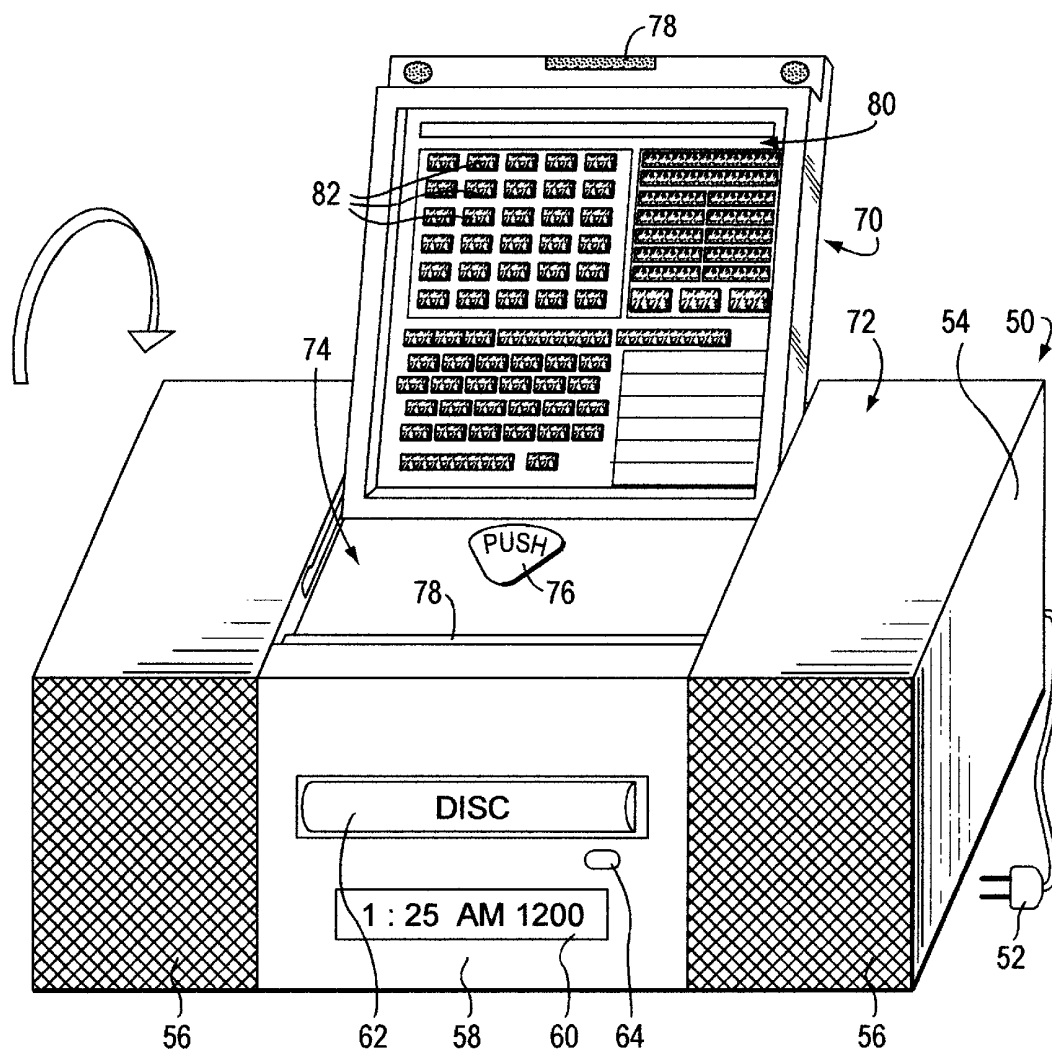


FIG. 1

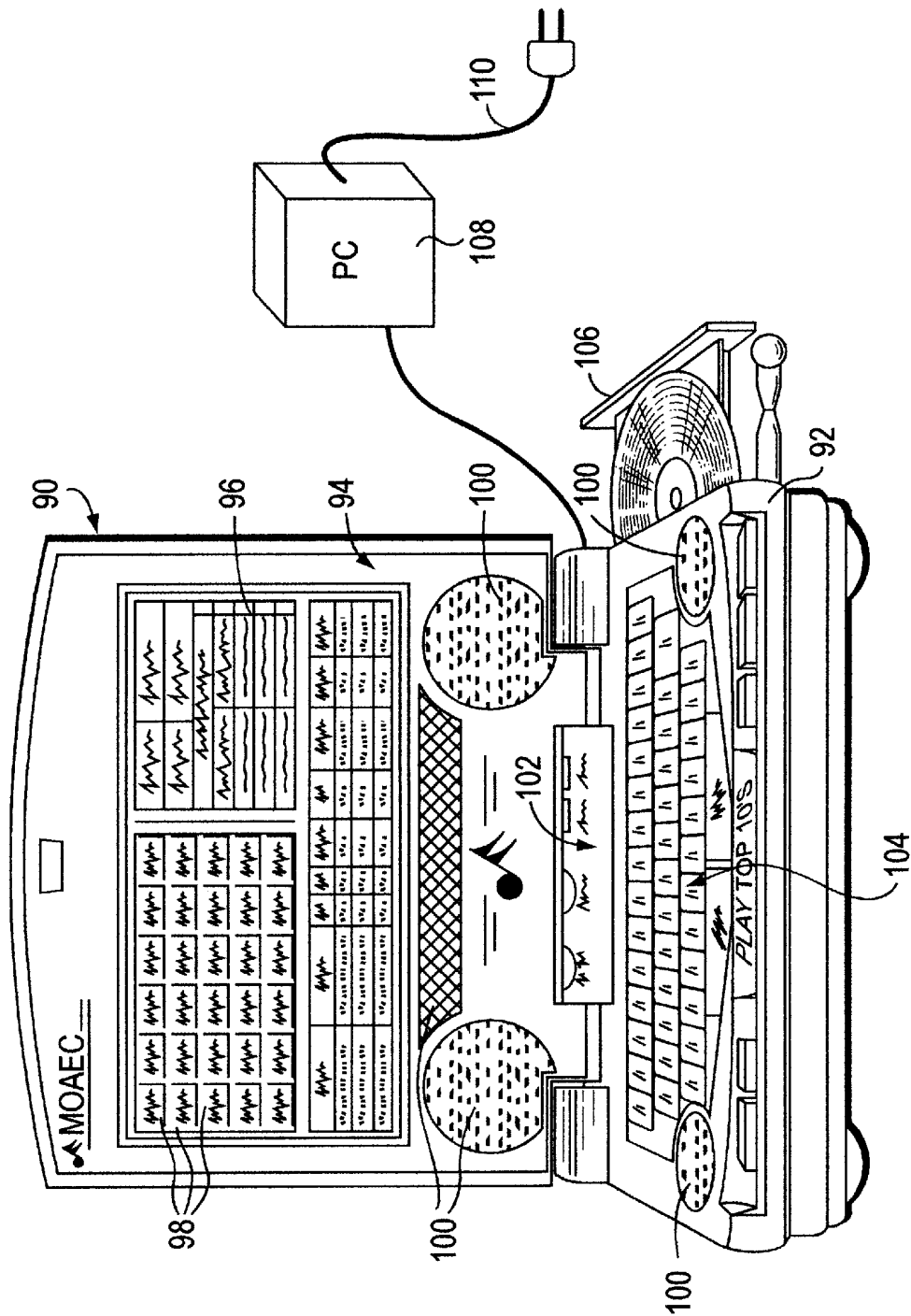


FIG. 2

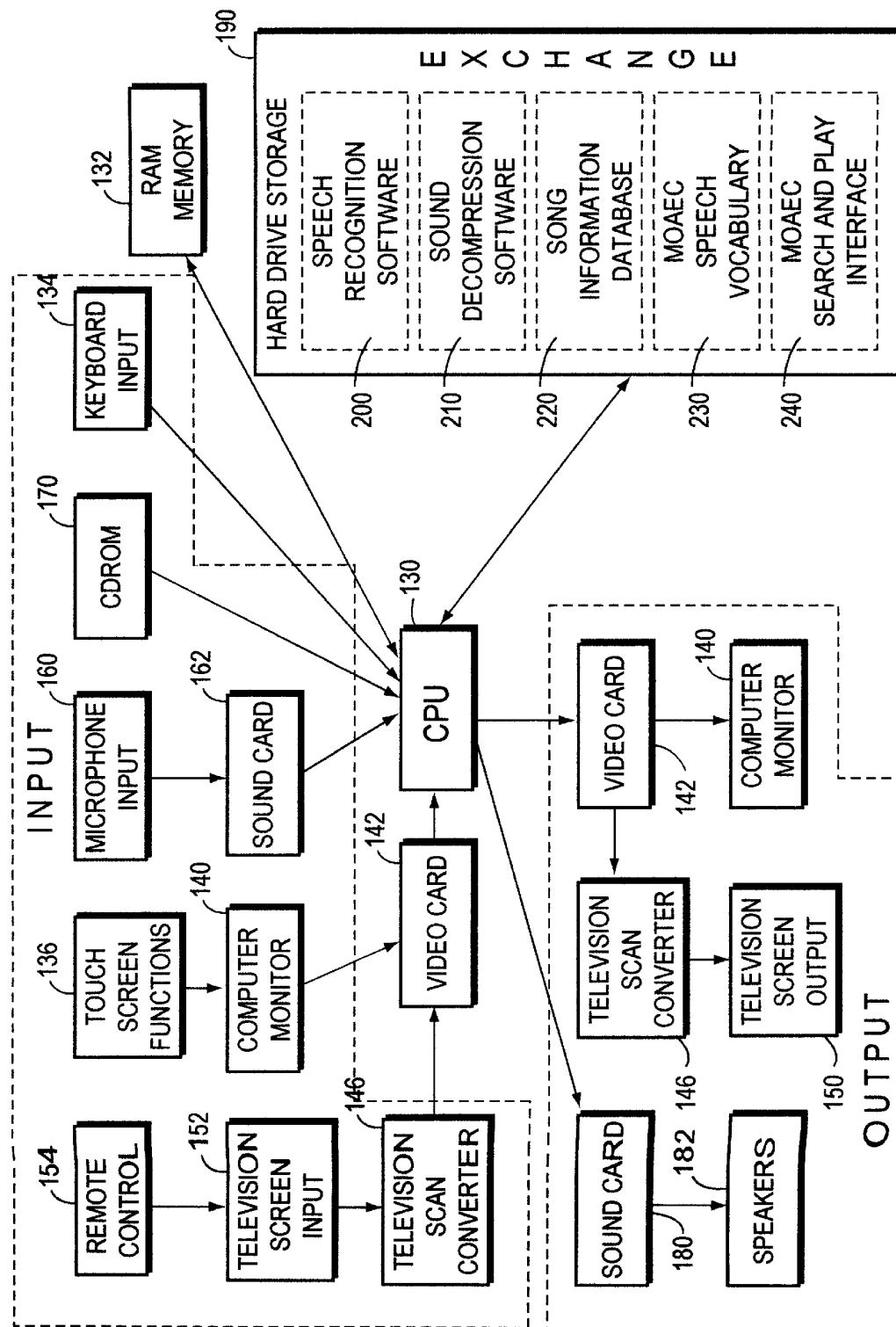


FIG. 3

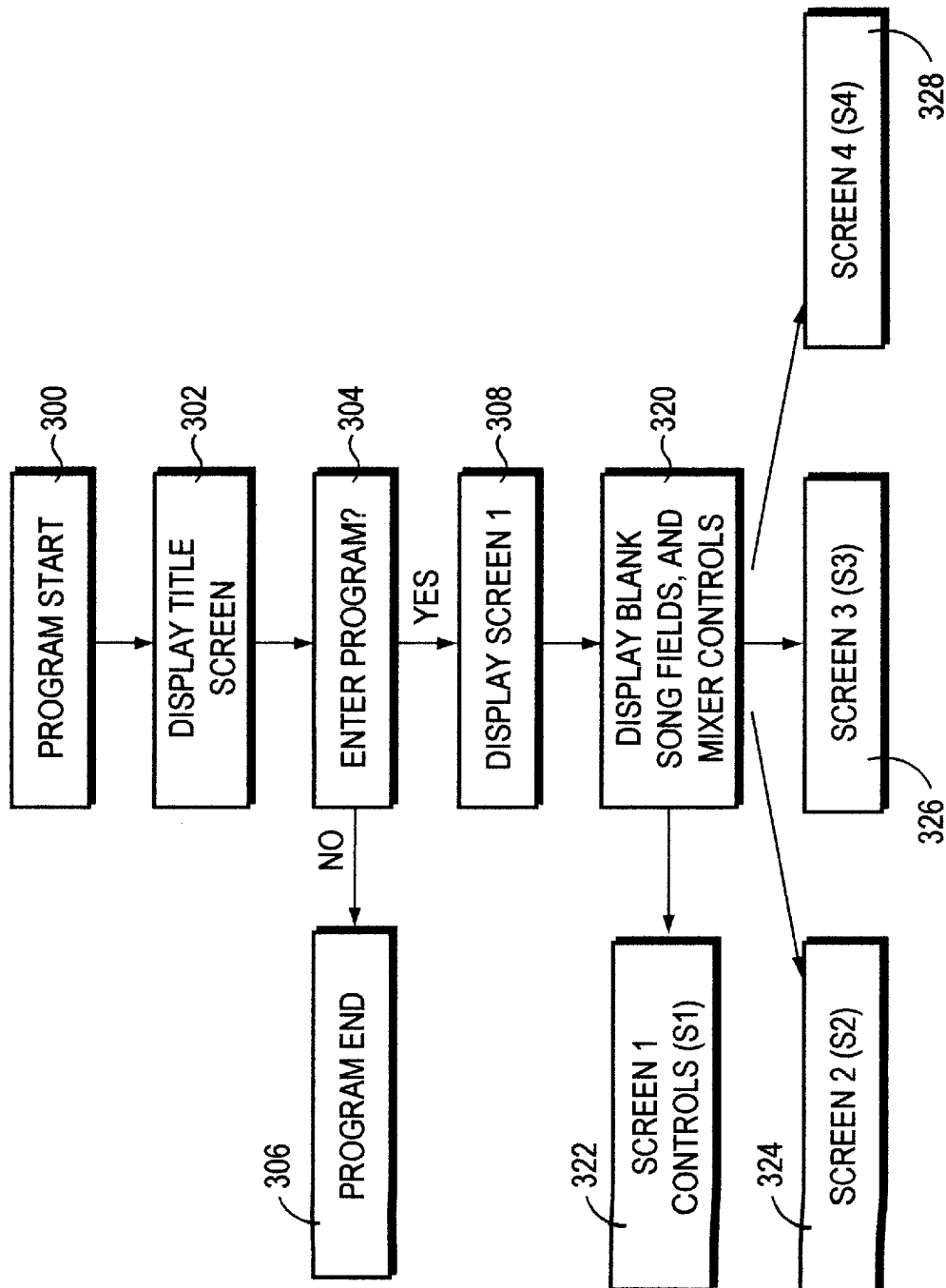


FIG. 4

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