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**United States Patent** [19]  
**Looney et al.**

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- [54] **MUSIC ORGANIZER AND ENTERTAINMENT CENTER**
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*Primary Examiner*—Stanley J. Witkowski  
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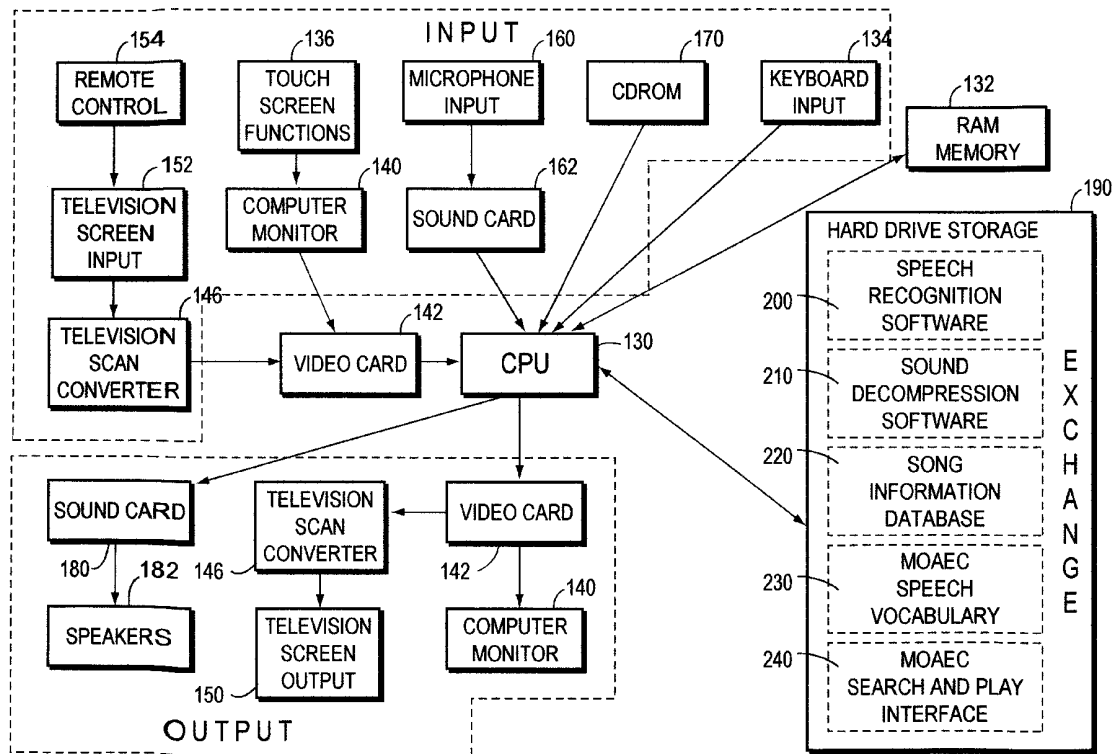
- [21] Appl. No.: **09/098,843**
- [22] Filed: **Jun. 17, 1998**
- [51] **Int. Cl.**<sup>6</sup> ..... **G09B 5/00**; G09B 15/04;  
H04L 9/00; G10H 1/46
- [52] **U.S. Cl.** ..... **84/609**; 84/639; 84/478;  
84/633; 380/19; 380/25; 380/49; 380/53;  
434/307 A
- [58] **Field of Search** ..... 84/601, 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

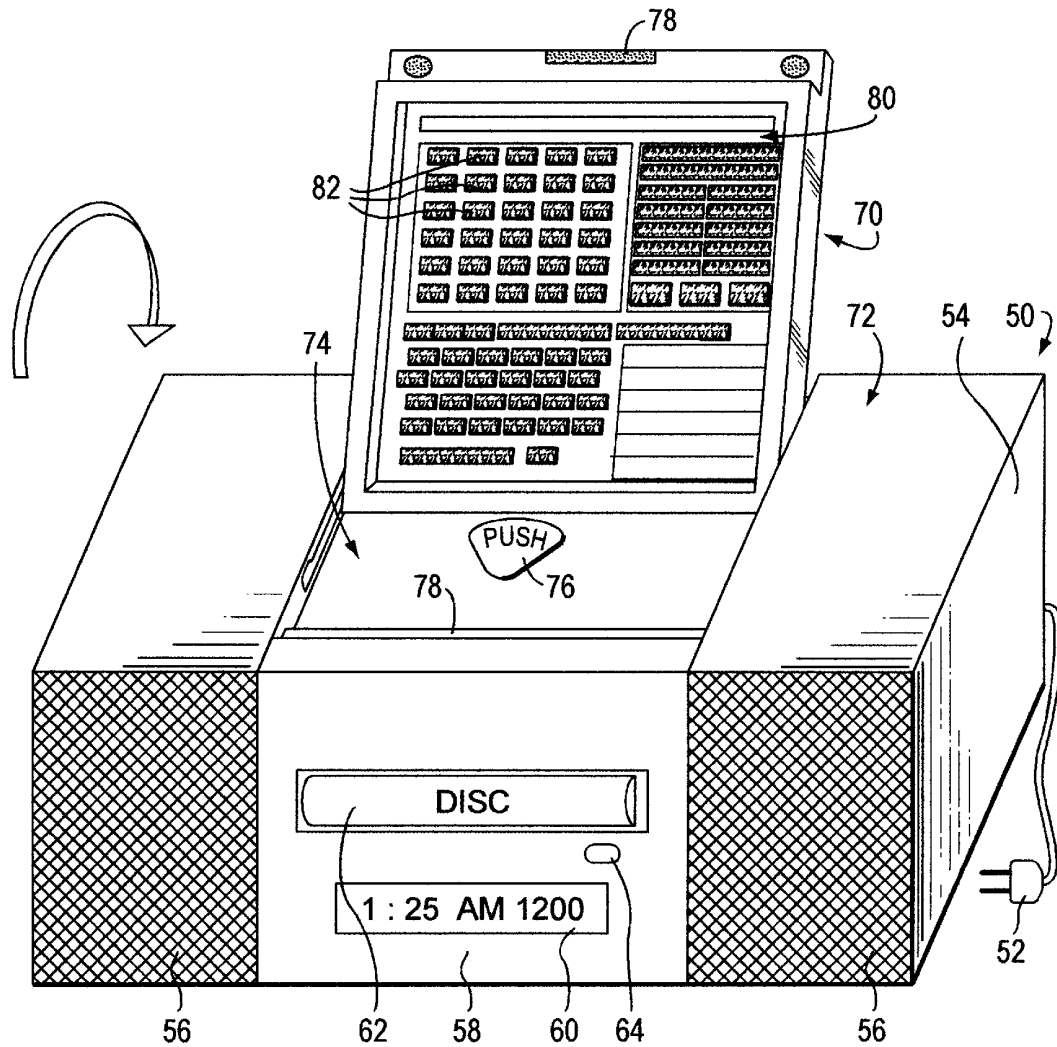
[57] **ABSTRACT**

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.

- [56] **References Cited**  
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**18 Claims, 27 Drawing Sheets**





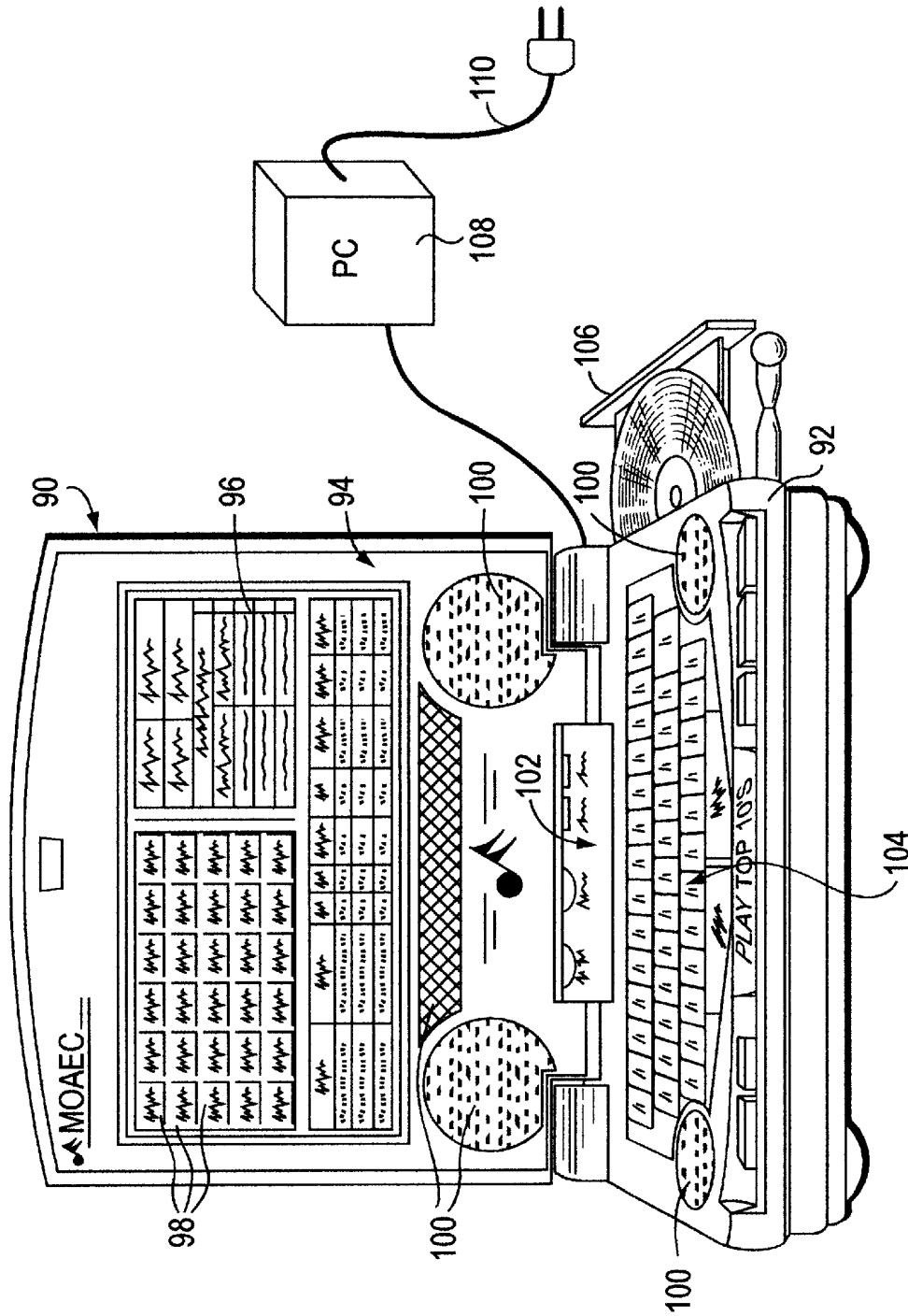


FIG. 2

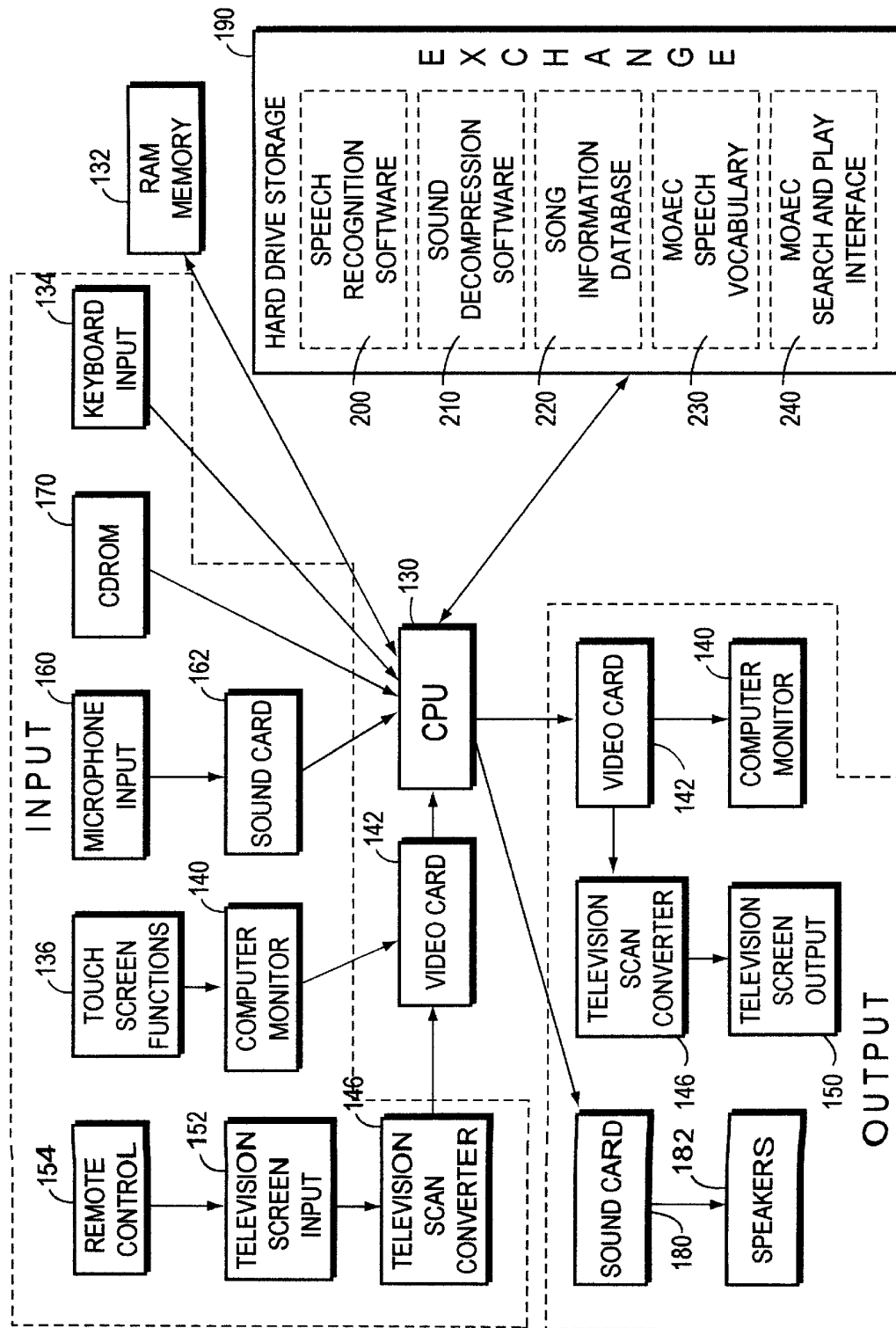


FIG. 3

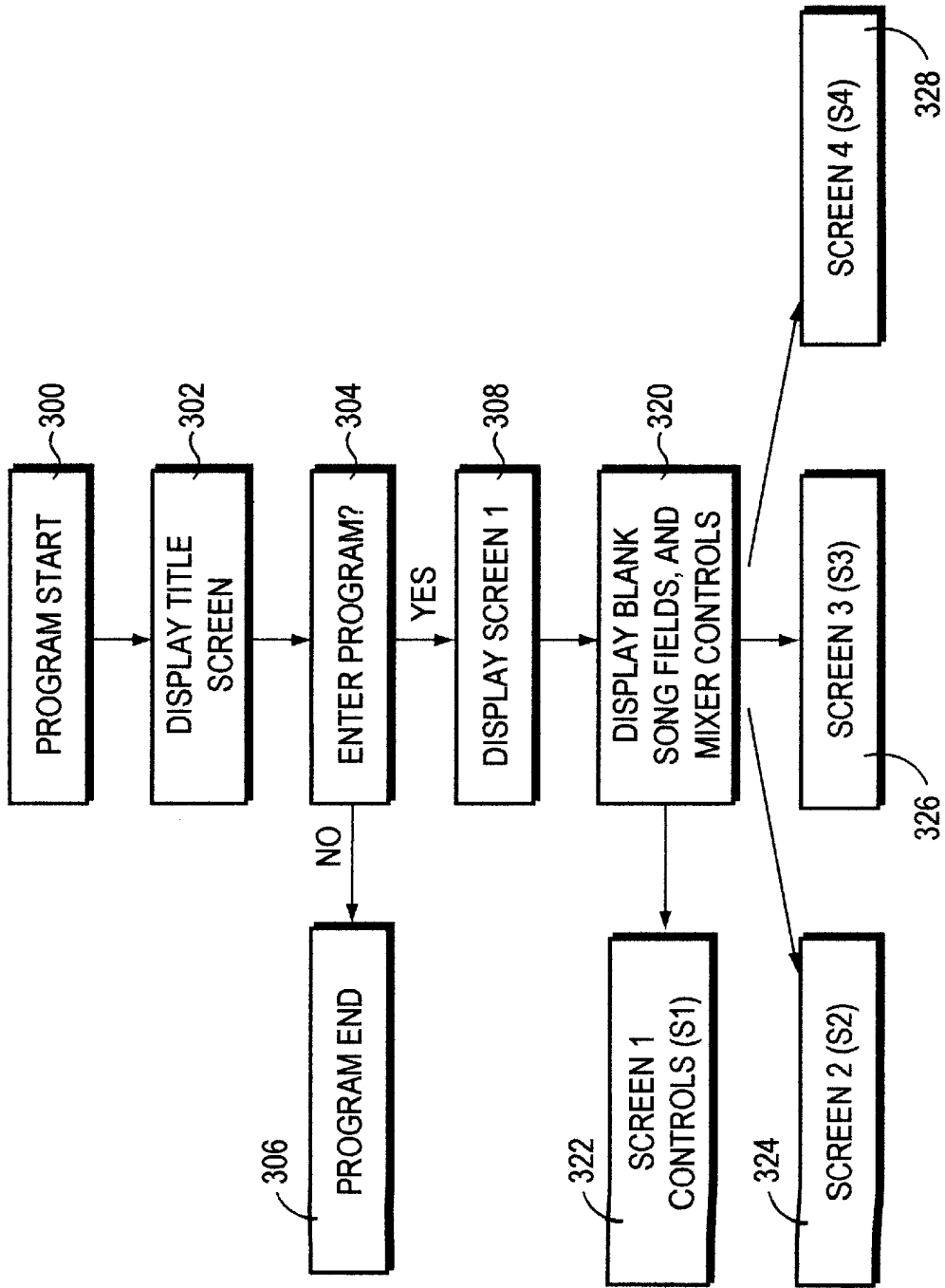


FIG. 4

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