



(12) **United States Patent**
Abecassis

(10) **Patent No.:** **US 6,192,340 B1**
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- (54) **INTEGRATION OF MUSIC FROM A PERSONAL LIBRARY WITH REAL-TIME INFORMATION**
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- (*) Notice: Under 35 U.S.C. 154(b), the term of this patent shall be extended for 0 days.
- (21) Appl. No.: **09/420,852**
- (22) Filed: **Oct. 19, 1999**
- (51) **Int. Cl.**⁷ **G10L 11/00; H04H 7/00; H04B 1/18; H04M 3/00**
- (52) **U.S. Cl.** **704/270; 704/275; 455/6.3; 455/418; 455/185.1**
- (58) **Field of Search** **704/200, 270, 704/500, 503, 272, 275; 455/6.3, 418, 185.1**

MusicMatch 4.20.0048 software, Help Topics: MusicMatch Jukebox v4 [selected topics], Copyright 1999 MusicMatch, Inc.

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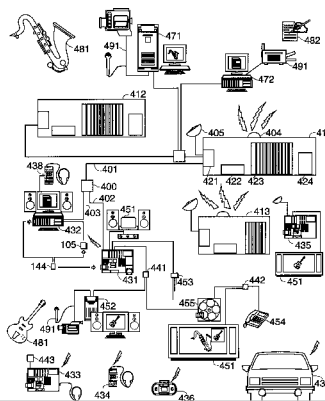
“MusicMatch Jukebox”, <http://musicmatch.com/>, http://musicmatch.com/about_us/, <http://musicmatch.com/jukebox/>, MusicMatch Inc., Sep. 29, 1999.

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Assistant Examiner—Daniel A. Nolan

(57) **ABSTRACT**

An apparatus capable of, and a method of, playing audio, the apparatus comprising communicating, processing, and playing means for, and the method comprising the steps of: communicating a user’s information preferences to an information provider; receiving, from the information provider, informational items that are responsive to the user’s information references; interleaving and sequencing, for the user, a playing of the received informational items with a playing of a plurality of musical items included in an audio library of the user; and playing, for the user and responsive to the interleaving and sequencing, the received informational items within a playing of the plurality of musical items; and wherein the playing comprises a voice synthesizing of an at least one of informational item; wherein the playing is responsive to a schedule preferences of the user; wherein a verified apparent listening of a playing of an informational item is associated with a credit; and/or wherein a user’s reception of a communication unrelated to the informational items is integrated within a playing of musical items.

20 Claims, 11 Drawing Sheets



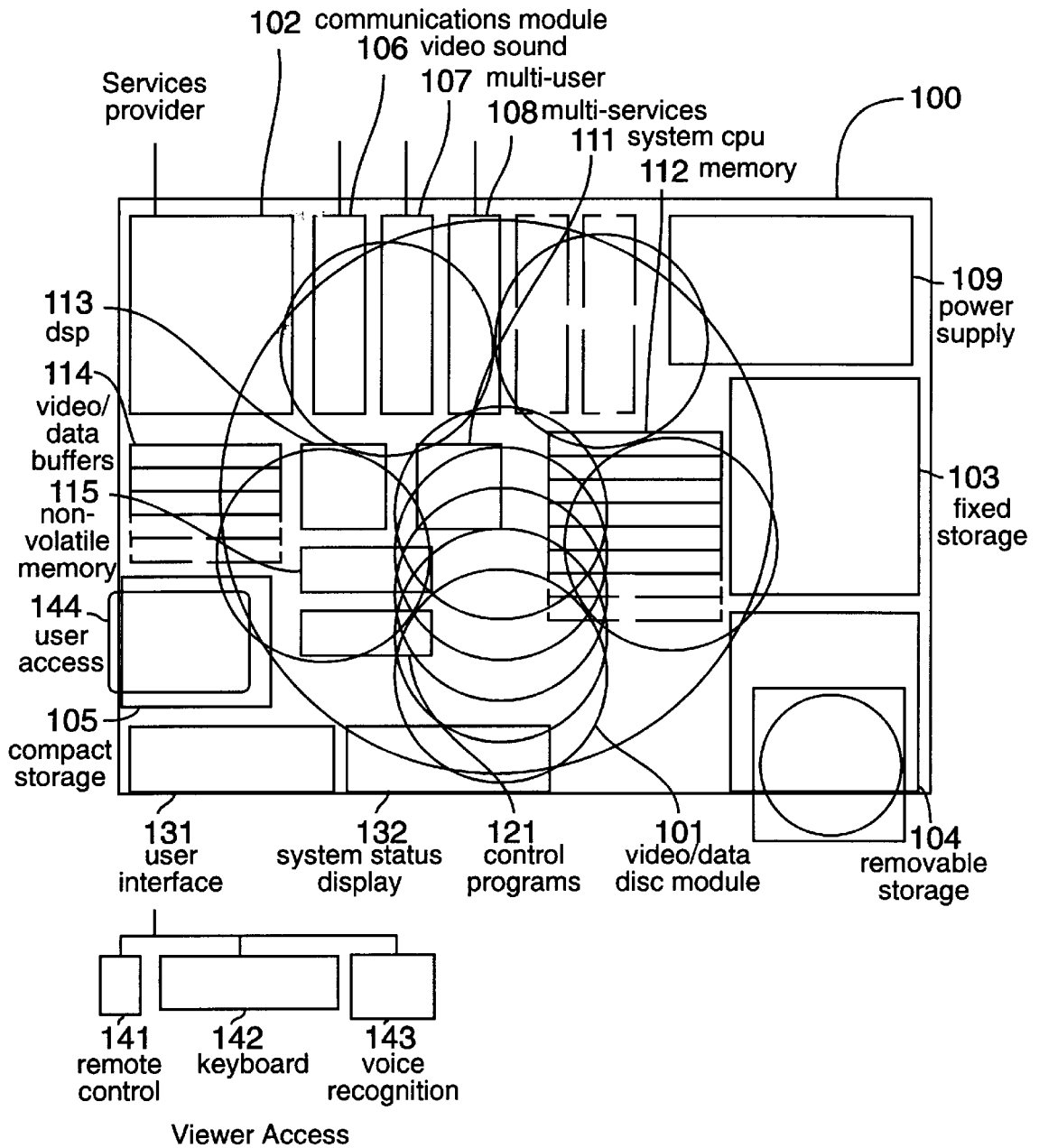


FIG. 1

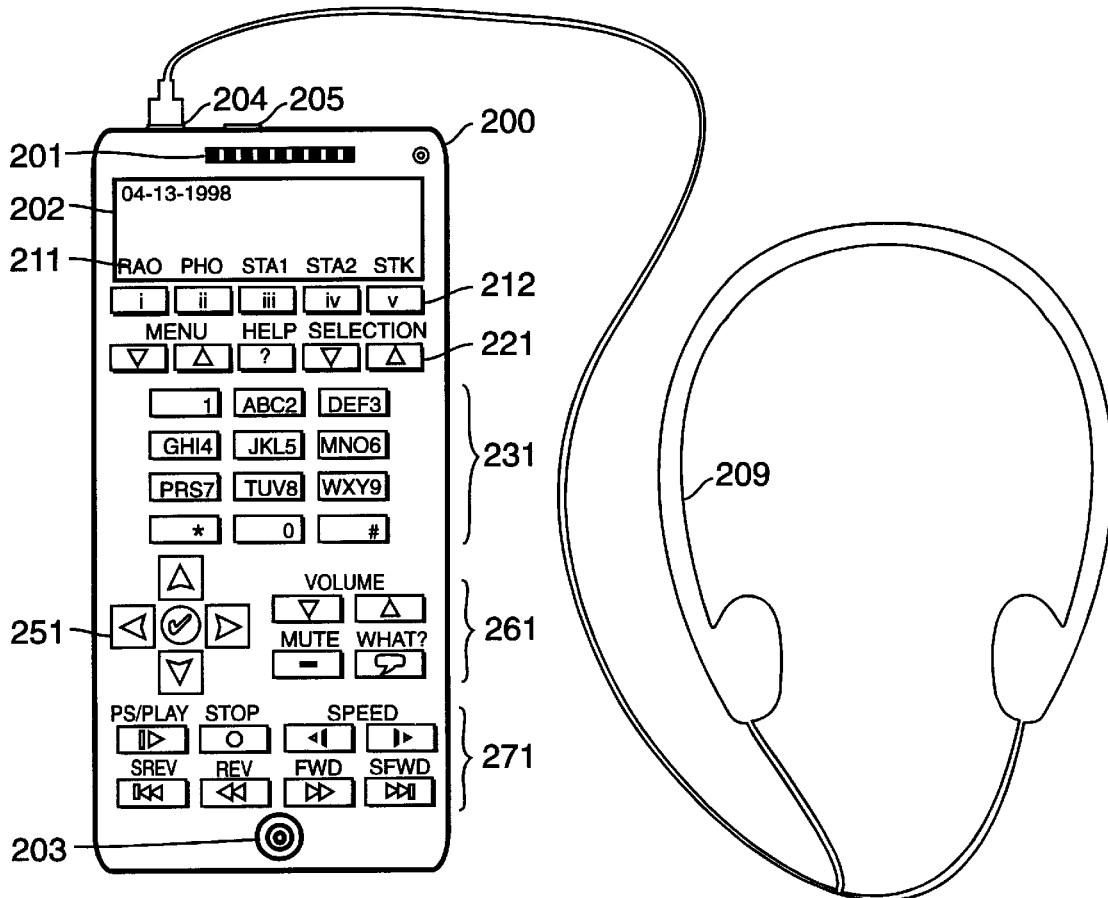


FIG. 2

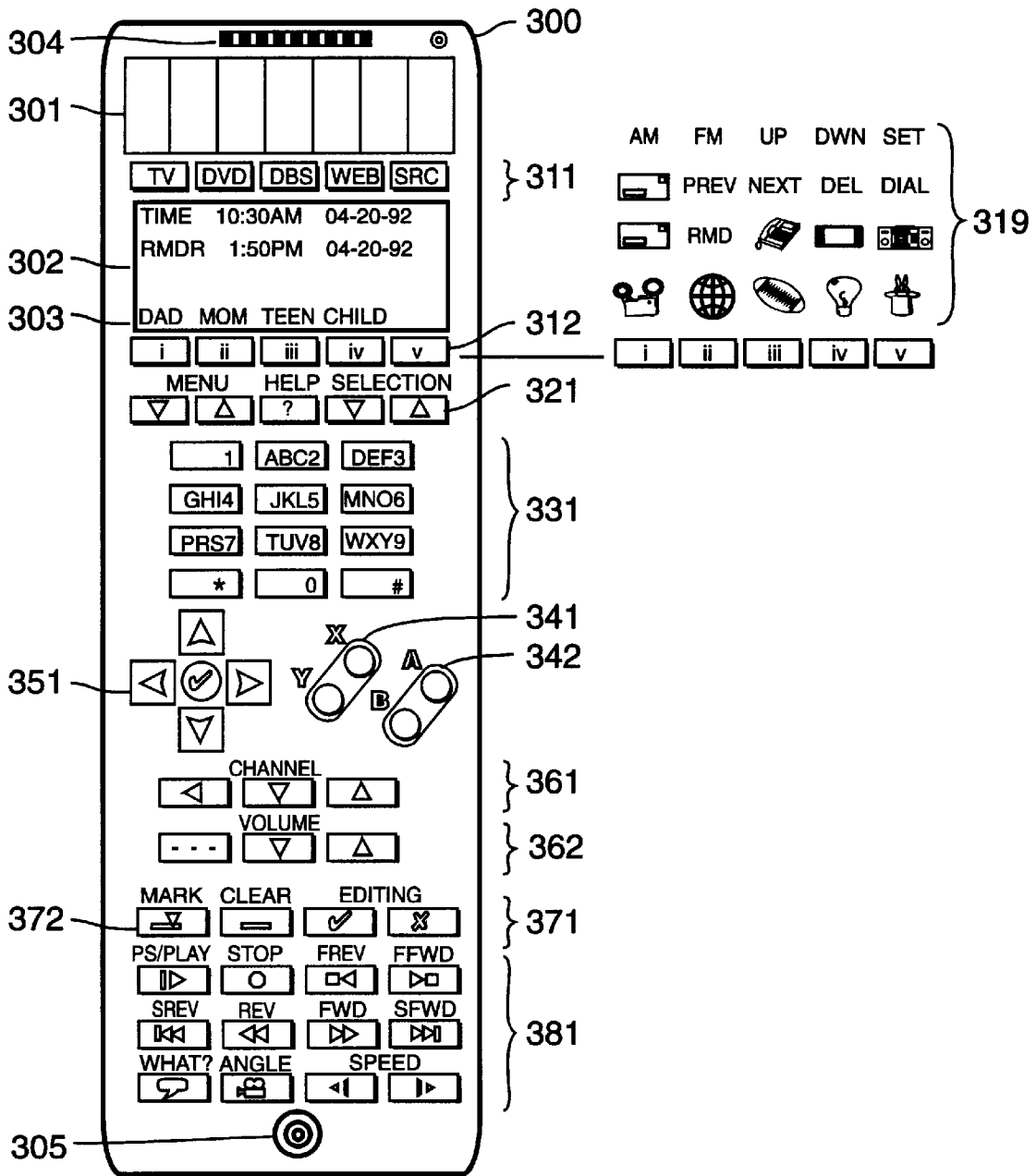


FIG. 3

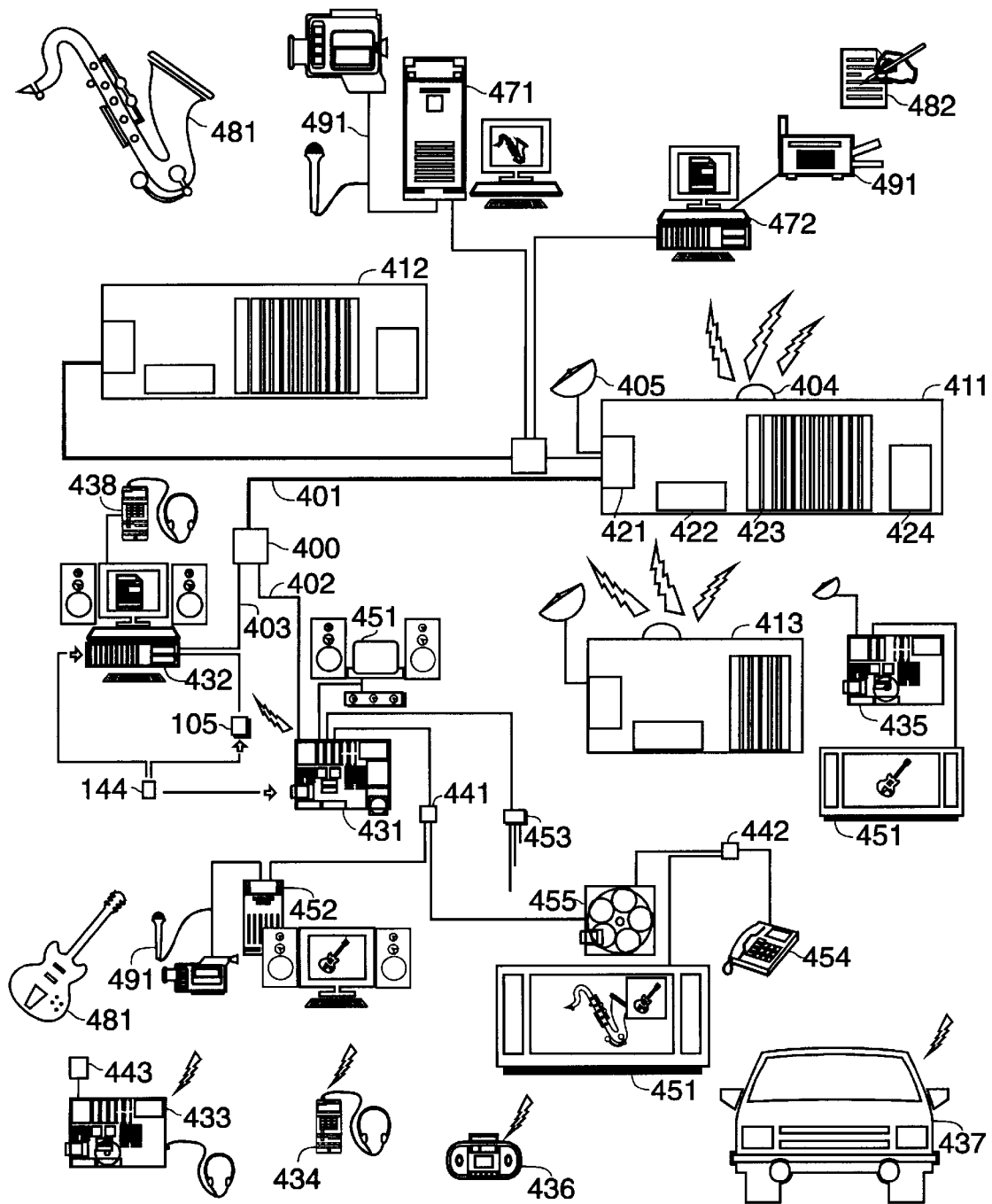


FIG. 4

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