



# United States Patent [19]

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**Takahisa**

[45] Date of Patent: **\*Nov. 26, 1996**

- [54] **BROADCAST SYSTEM WITH ASSOCIATED DATA CAPABILITIES**
- [75] Inventor: **Tsutumo Takahisa**, Santa Clara, Calif.
- [73] Assignee: **Digital D.J. Inc.**, San Jose, Calif.
- [\*] Notice: The term of this patent shall not extend beyond the expiration date of Pat. No. 5,491,838.

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- [21] Appl. No.: **425,993**
- [22] Filed: **Apr. 20, 1995**

### Related U.S. Application Data

- [63] Continuation-in-part of Ser. No. 45,352, Apr. 8, 1993.
- [51] **Int. Cl.<sup>6</sup>** ..... **H04B 7/00**
- [52] **U.S. Cl.** ..... **455/66; 455/45**
- [58] **Field of Search** ..... 455/3.1, 6.3, 45, 455/66, 68, 70, 154.1, 158.2, 158.4, 158.5, 185.1, 186.1, 186.2; 381/3, 4

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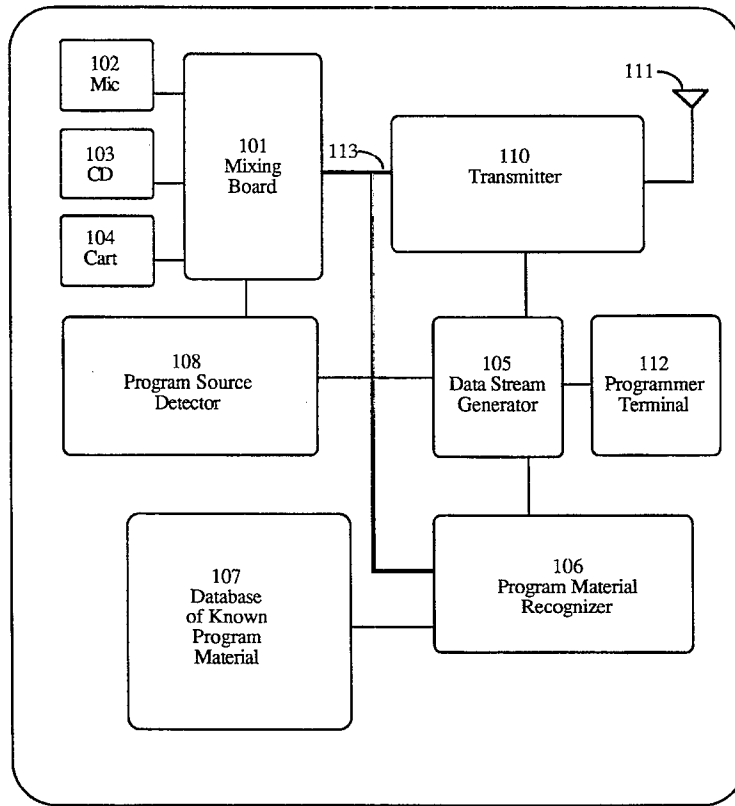
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*Primary Examiner*—Reinhard J. Eisenzopf  
*Assistant Examiner*—Marsha D. Banks-Harold  
*Attorney, Agent, or Firm*—Stuart P. Meyer

### [57] ABSTRACT

A broadcast system includes a device to compare program material to be transmitted with a database of known material and to transmit along with the program material data corresponding to that program material. A corresponding receiving system stores the data in memory and displays, at the selection of the user, the data corresponding to the program material. The user selectively stores the data on a magnetic recording card for electronic coupon or other uses. Various modes of operation are selectable by the user, and the data may be used as electronic coupons, or to control attached equipment, or to sound alarms, or for other applications.

**22 Claims, 16 Drawing Sheets**



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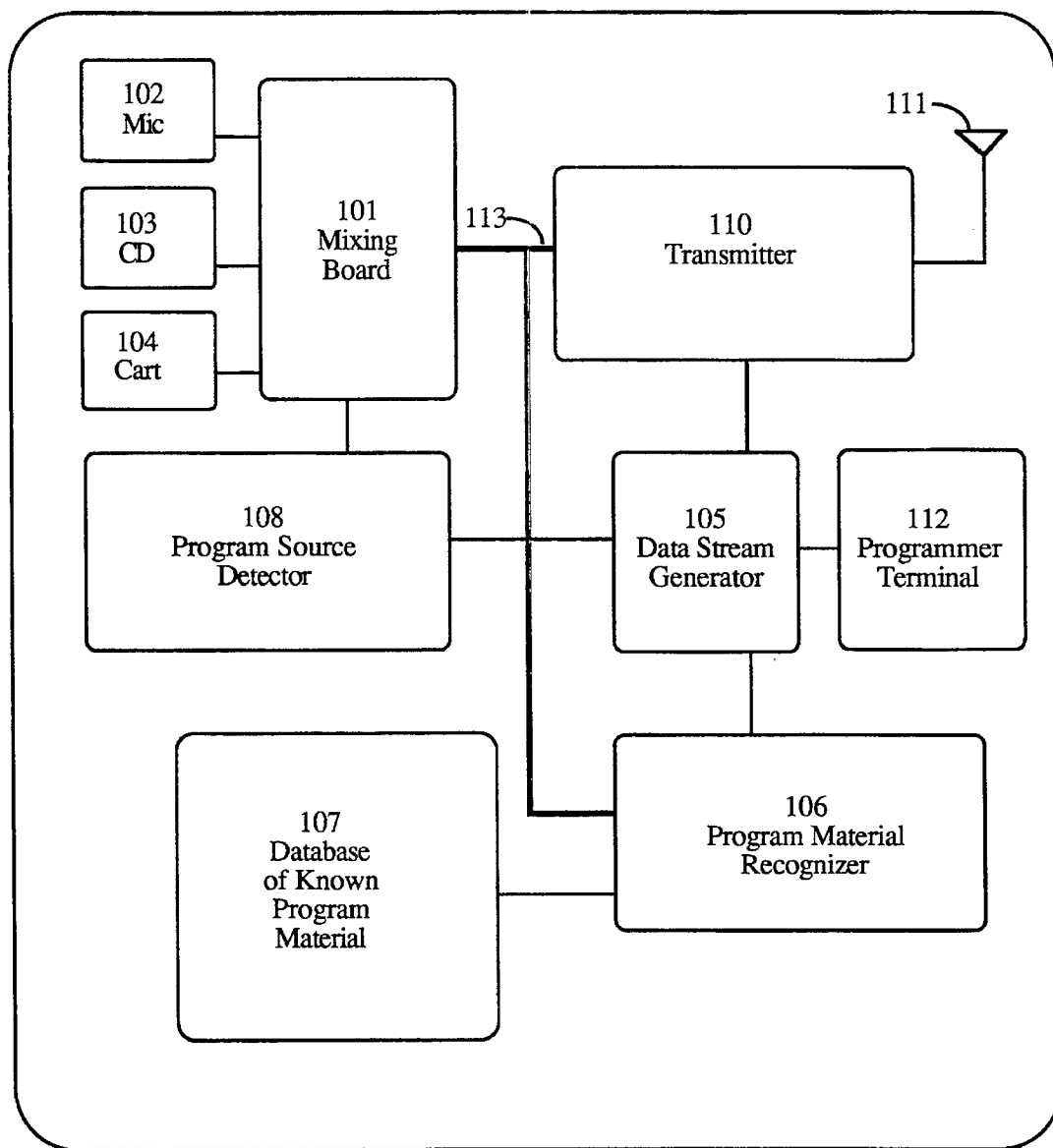


Figure 1

100

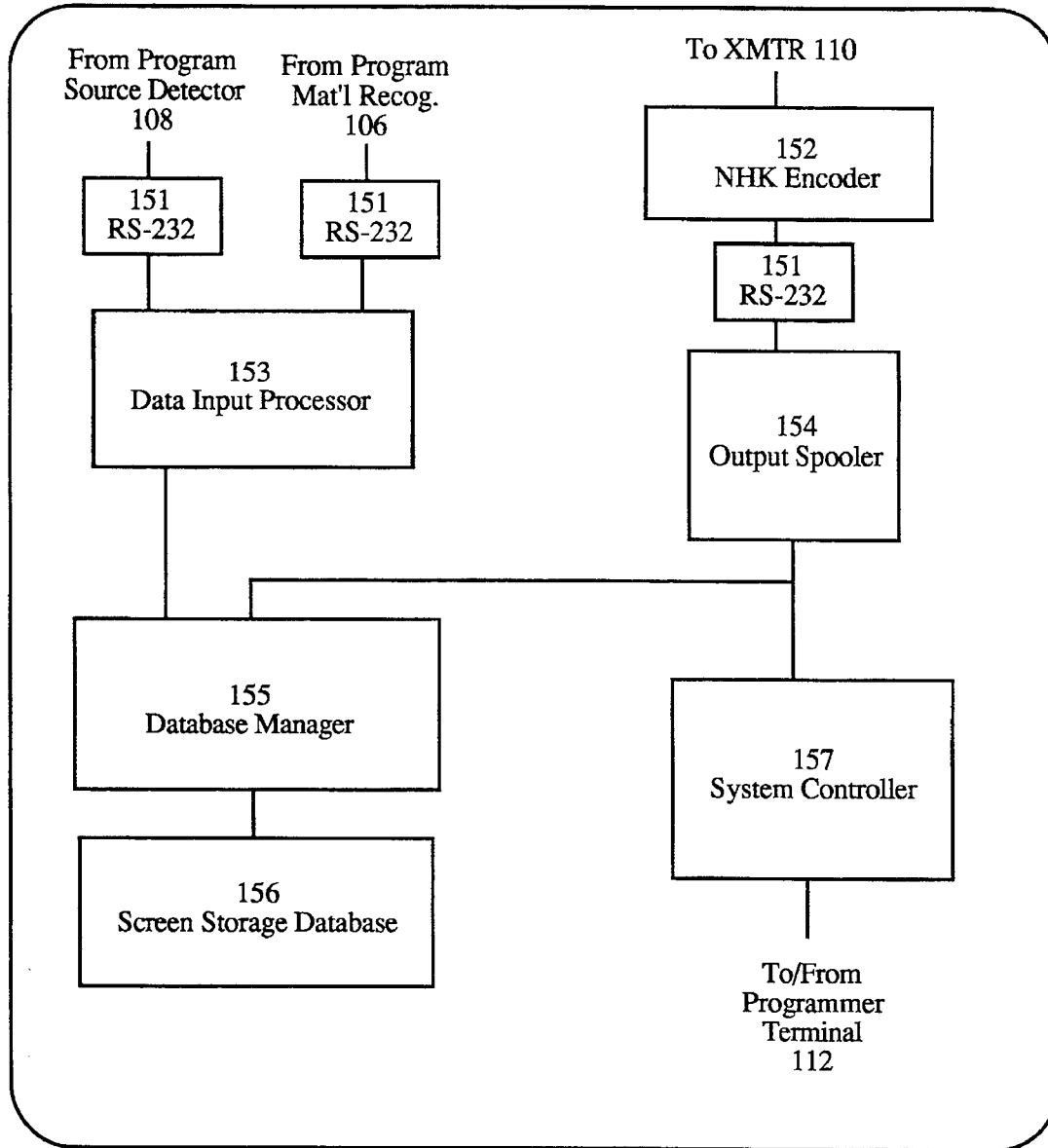


Figure 1a

105

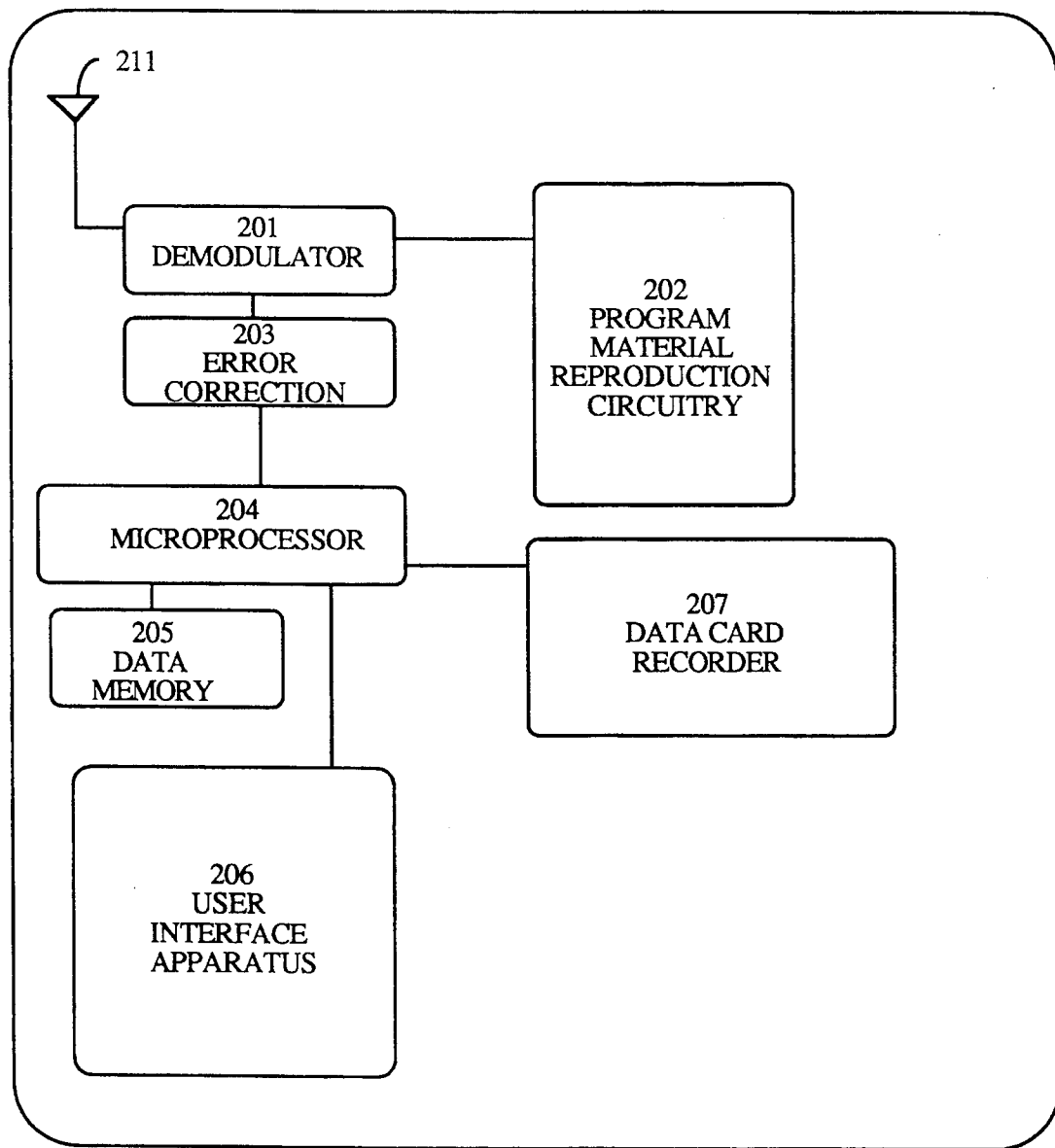


Figure 2

200

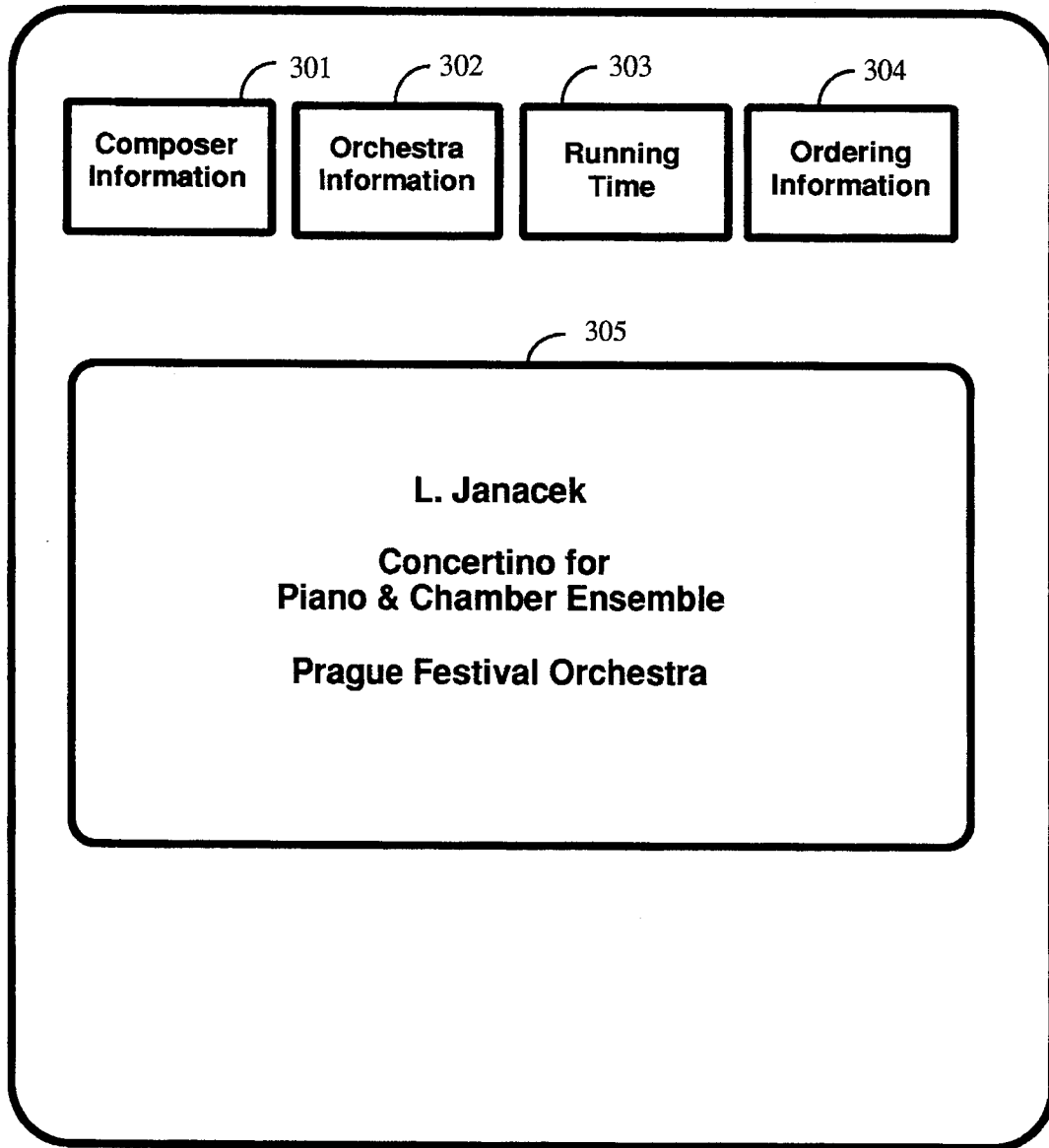


Figure 3

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