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(12) **United States Patent**
Van Der Meulen

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(54) **VIRTUAL JUKEBOX**

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(22) Filed: **Jun. 4, 1999**

Related U.S. Application Data

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(51) **Int. Cl.**⁷ **G11B 17/22**

(52) **U.S. Cl.** **369/30.06; 707/104.1**

(58) **Field of Search** 369/30.06, 30.28, 369/34.01, 30.2, 30.29, 30.3, 30.23, 30.09, 30.08, 30.26, 30.64; 700/234; 707/104.1; 710/17, 39; 709/217

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(57) **ABSTRACT**

A collection management system, or virtual jukebox, is provided for a collection of recordings that is independent of the physical media upon which the material is recorded. The system forms a part of a network that includes storage media and playback devices, and provides an easy to use system for collection cataloging, archiving, and retrieval. In a preferred embodiment, a collection management system resides on a consumer electronic (CE) device, or a personal or home computer (PC), and the collection includes recordings that are stored on one or more hard drives associated with the CE device or the PC. The collection management system includes a user interface that facilitates the retrieval of recordings for playback from one or more storage devices, based on an individual selection of genre, author, and so on. By storing the recordings on a hard disc drive or other mass storage device with an associated disk operating system, immediate access is available to each recording on the drive, and additional drives can be added to the system as new material is added to the collection.

11 Claims, 5 Drawing Sheets

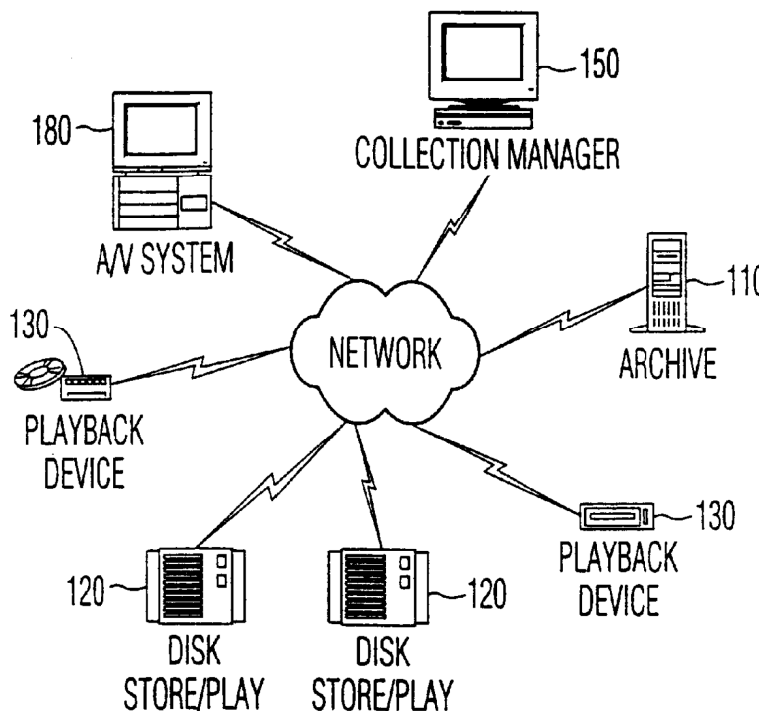


FIG. 1

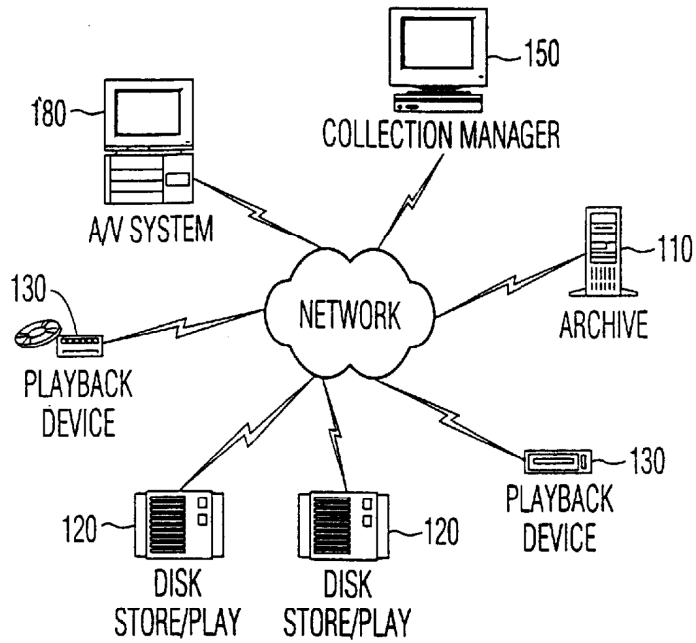
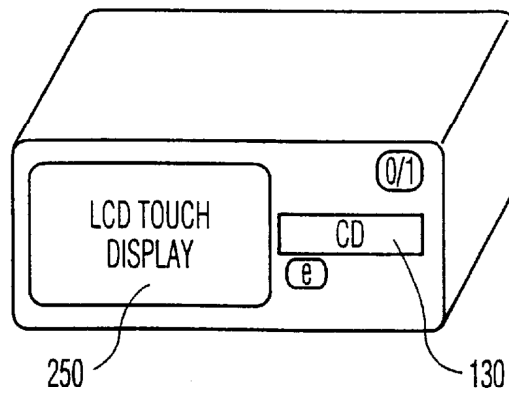
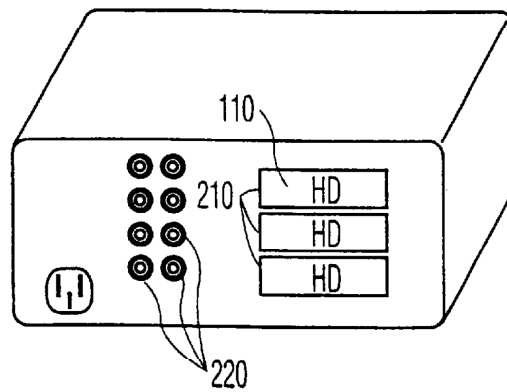


FIG. 2A



200

FIG. 2B



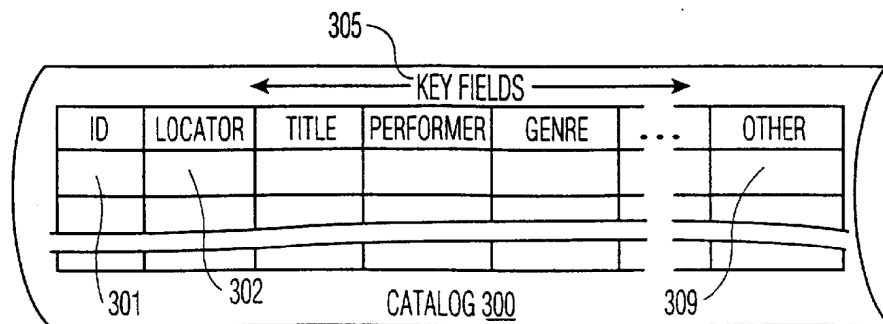


FIG. 3

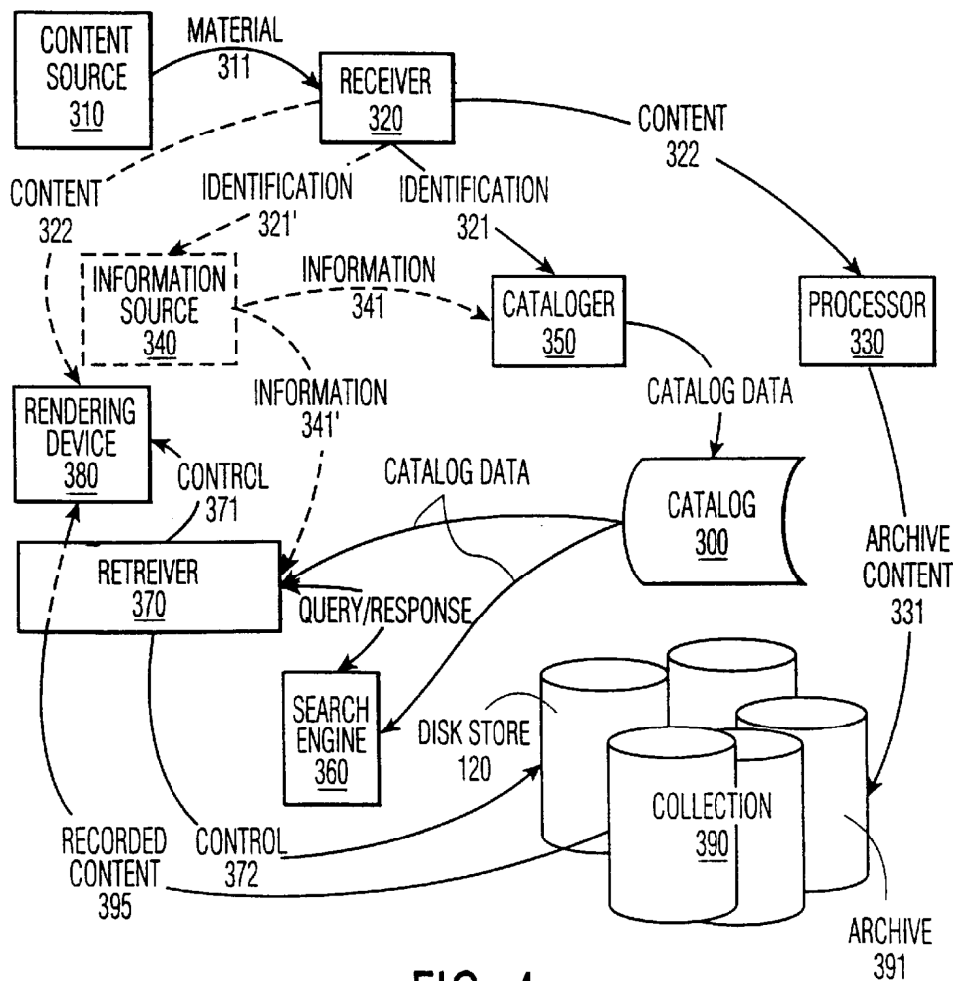


FIG. 4

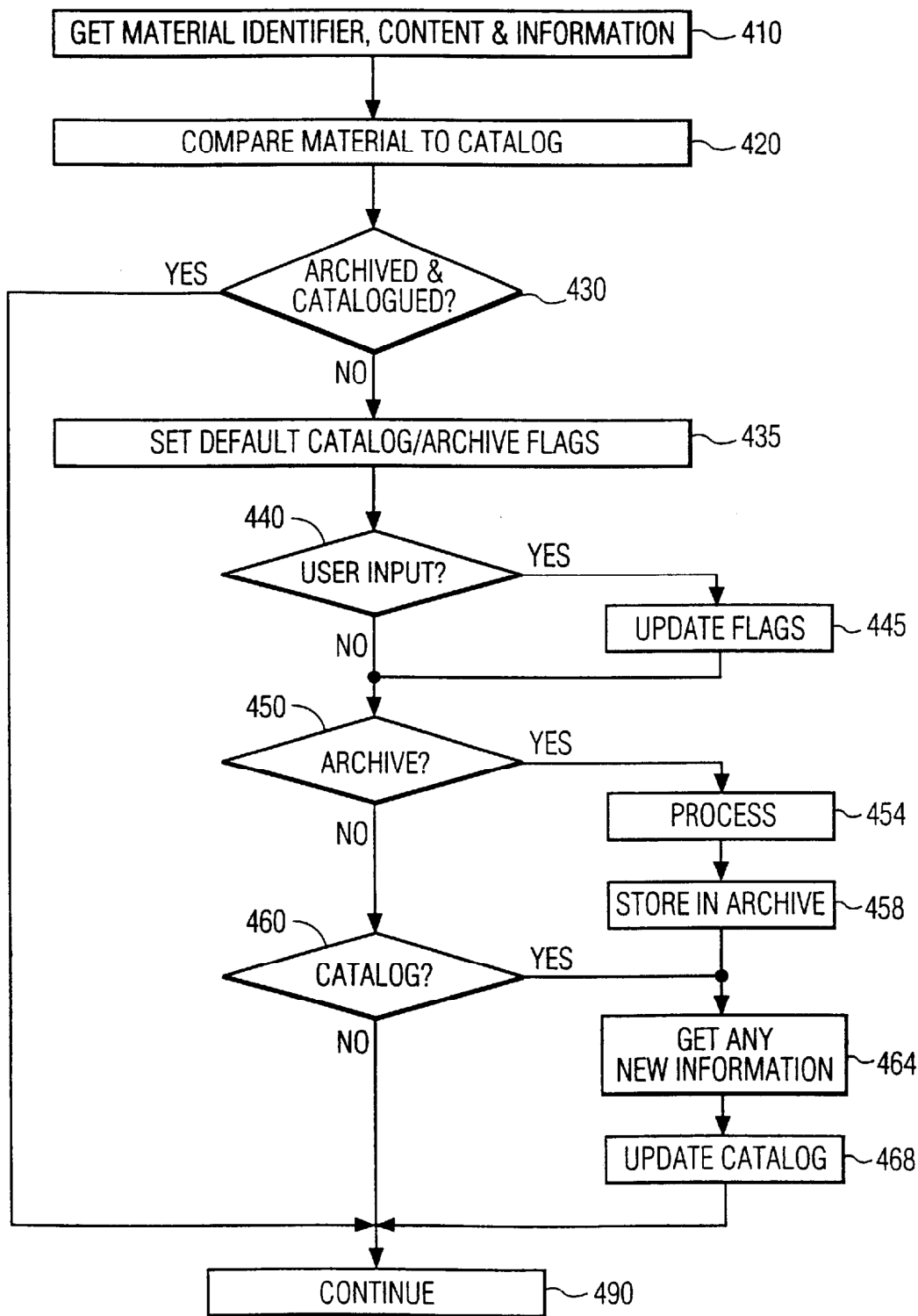


FIG. 5

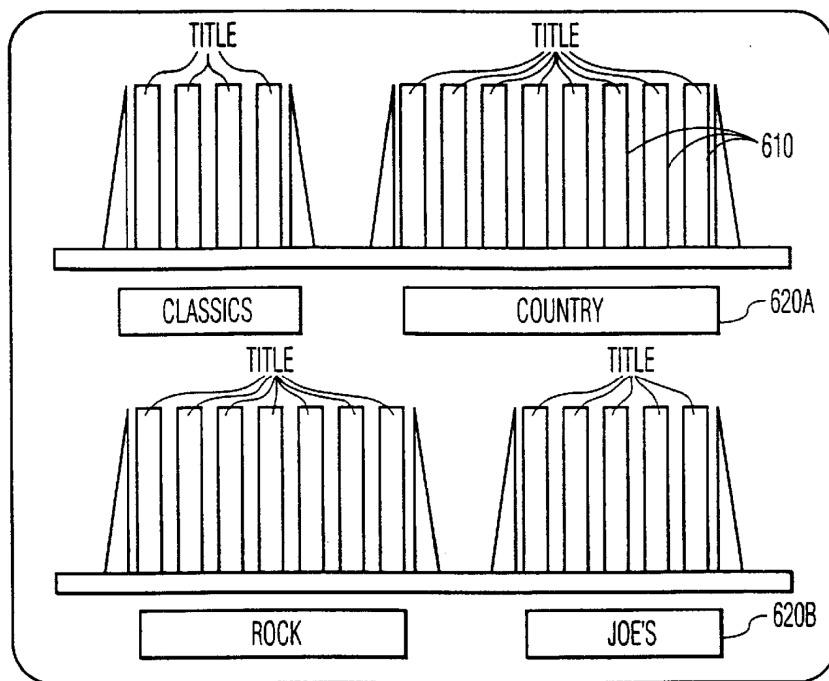


FIG. 6A

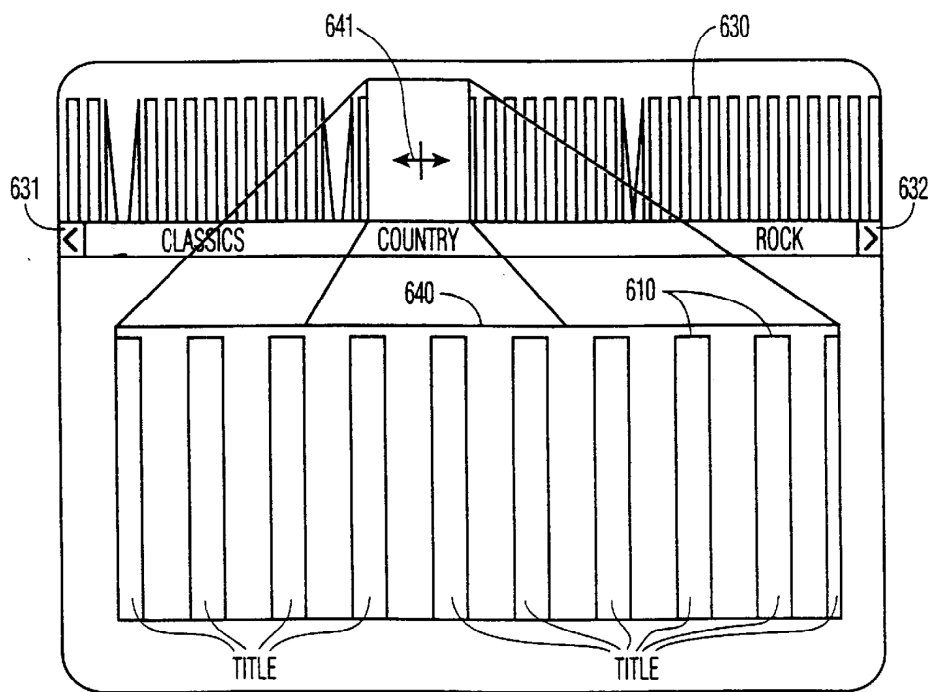


FIG. 6B

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