



US006249810B1

(12) **United States Patent**
Kiraly

(10) **Patent No.:** **US 6,249,810 B1**
(45) **Date of Patent:** **Jun. 19, 2001**

(54) **METHOD AND SYSTEM FOR IMPLEMENTING AN INTERNET RADIO DEVICE FOR RECEIVING AND/OR TRANSMITTING MEDIA INFORMATION**

(75) Inventor: **Jozsef Kiraly**, San Martin, CA (US)

(73) Assignee: **Chaincast, Inc.**, San Martin, CA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/300,294**

(22) Filed: **Apr. 27, 1999**

Related U.S. Application Data

(63) Continuation-in-part of application No. 09/253,117, filed on Feb. 19, 1999.

(51) **Int. Cl.** **G06F 13/00**

(52) **U.S. Cl.** **709/217; 709/219; 709/231**

(58) **Field of Search** **345/327; 709/217, 709/218, 219, 238, 231; 381/77; 453/3.1; 704/200, 201, 500, 503**

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,790,958	*	8/1998	McCoy et al.	455/557
5,793,980	*	8/1998	Glaser et al.	709/219
5,884,031		3/1999	Ice	395/200.33
5,948,070	*	9/1999	Fujita	709/243
5,987,525	*	11/1999	Roberts et al.	709/248
6,018,710	*	1/2000	Wynblatt et al.	704/260
6,119,163	*	9/2000	Monteiro et al.	709/227

OTHER PUBLICATIONS

Press Release, "Progressive Networks Launches the First Commercial Audio-on-Demand System Over the Internet", Apr. 1995.*

* cited by examiner

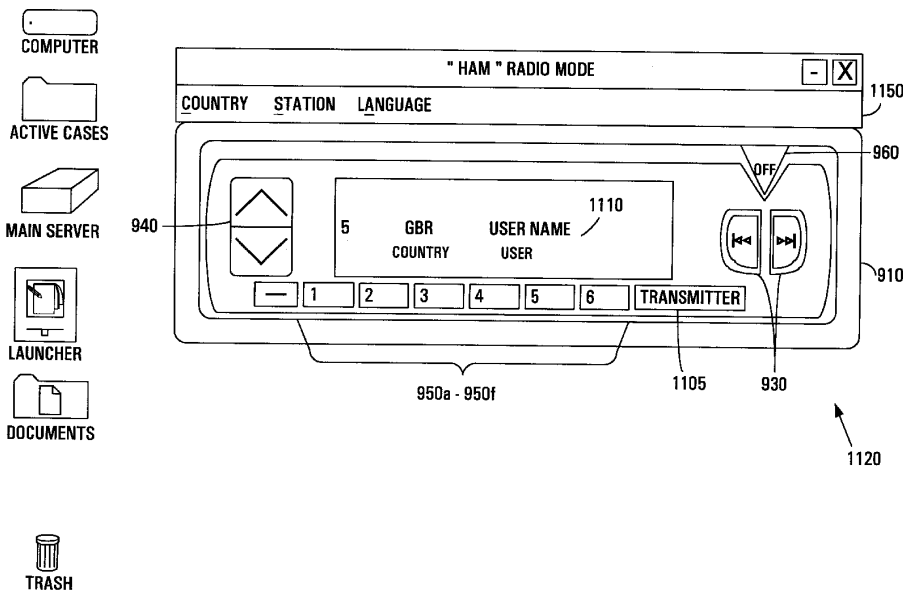
Primary Examiner—John W. Miller

(74) *Attorney, Agent, or Firm*—Wagner, Murabito & Hao LLP

(57) **ABSTRACT**

A method and system for implementing an Internet radio device for receiving and/or transmitting audio information over the Internet. The Internet radio device can be implemented as a stand alone electronic radio device which is coupled to the Internet or the Internet radio device can be implemented as a software package operable on a host computer system. The Internet radio device does not require a browser for interfacing with other Internet transmitters ("Internet radio station transmitters"). The Internet radio includes a graphical user interface (GUI) with which a user can interface in order to receive audio radio programming from an Internet radio station transmitter. The radio device receives a list of Internet radio station transmitters that are registered with a chaincast manager (CCM), also coupled to the Internet. The GUI renders this list to the user. The user can sort or select from this list based on desired language, country, or station names. To hear a radio program, a user can select a station from this list. Data received by a radio device can be retransmitted in chaincast mode from the radio device to other radio devices that want to listen to the same radio program.

49 Claims, 19 Drawing Sheets



70

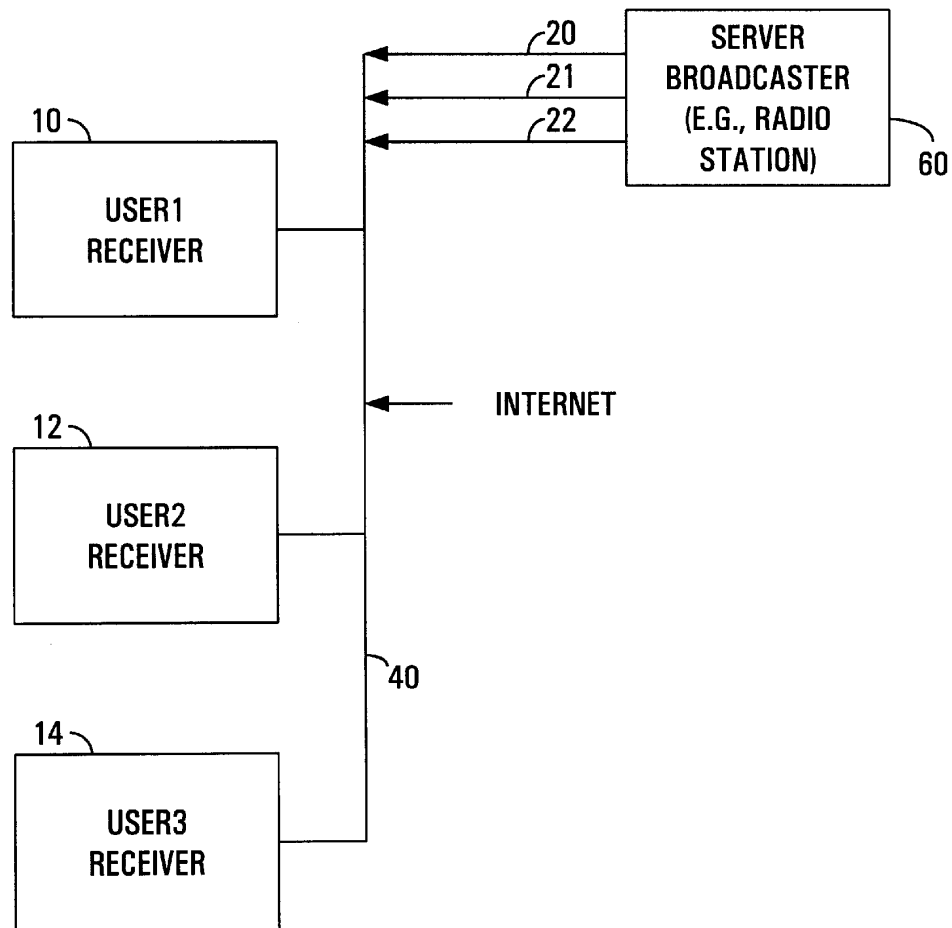


FIGURE 1
(PRIOR ART)

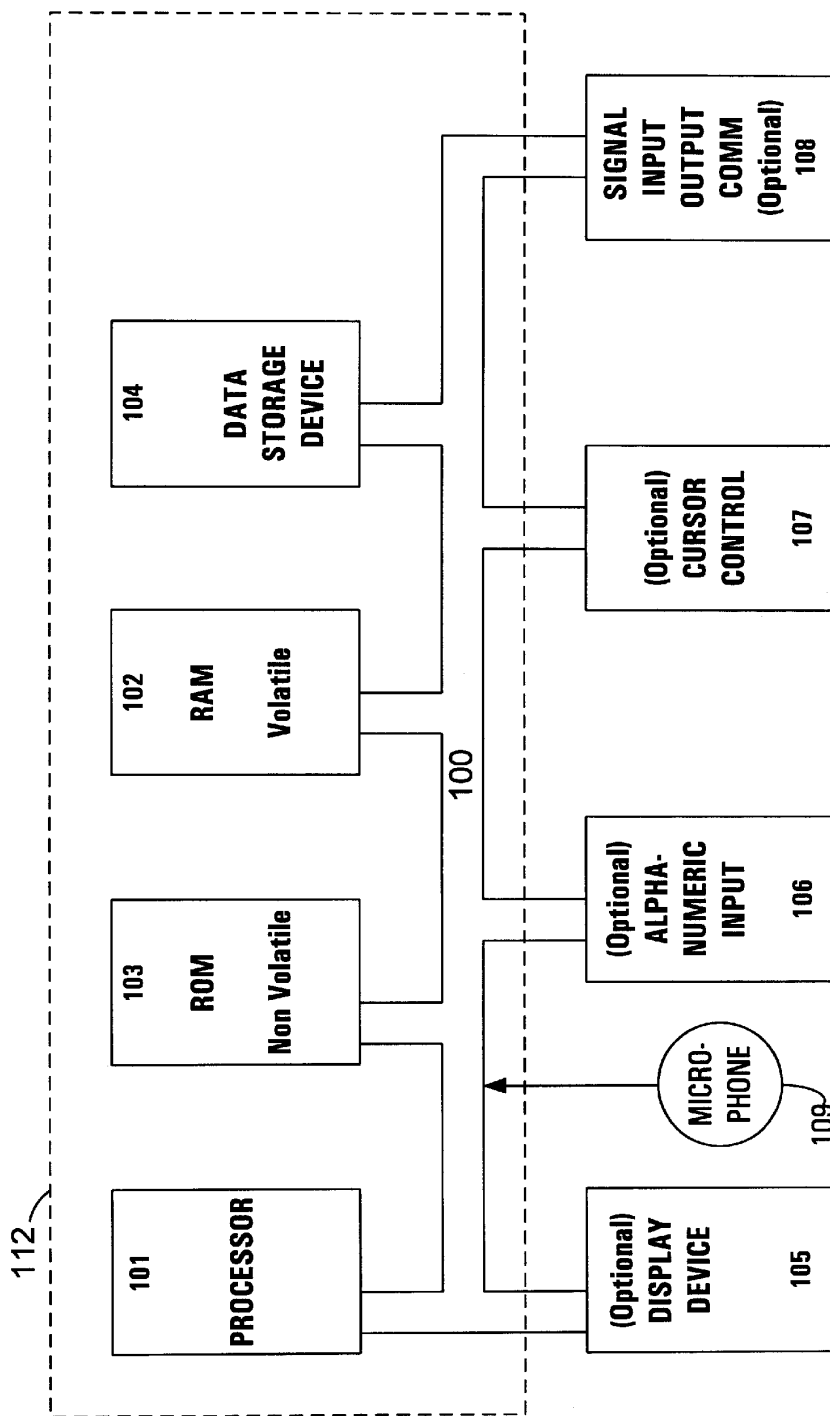


FIGURE 2

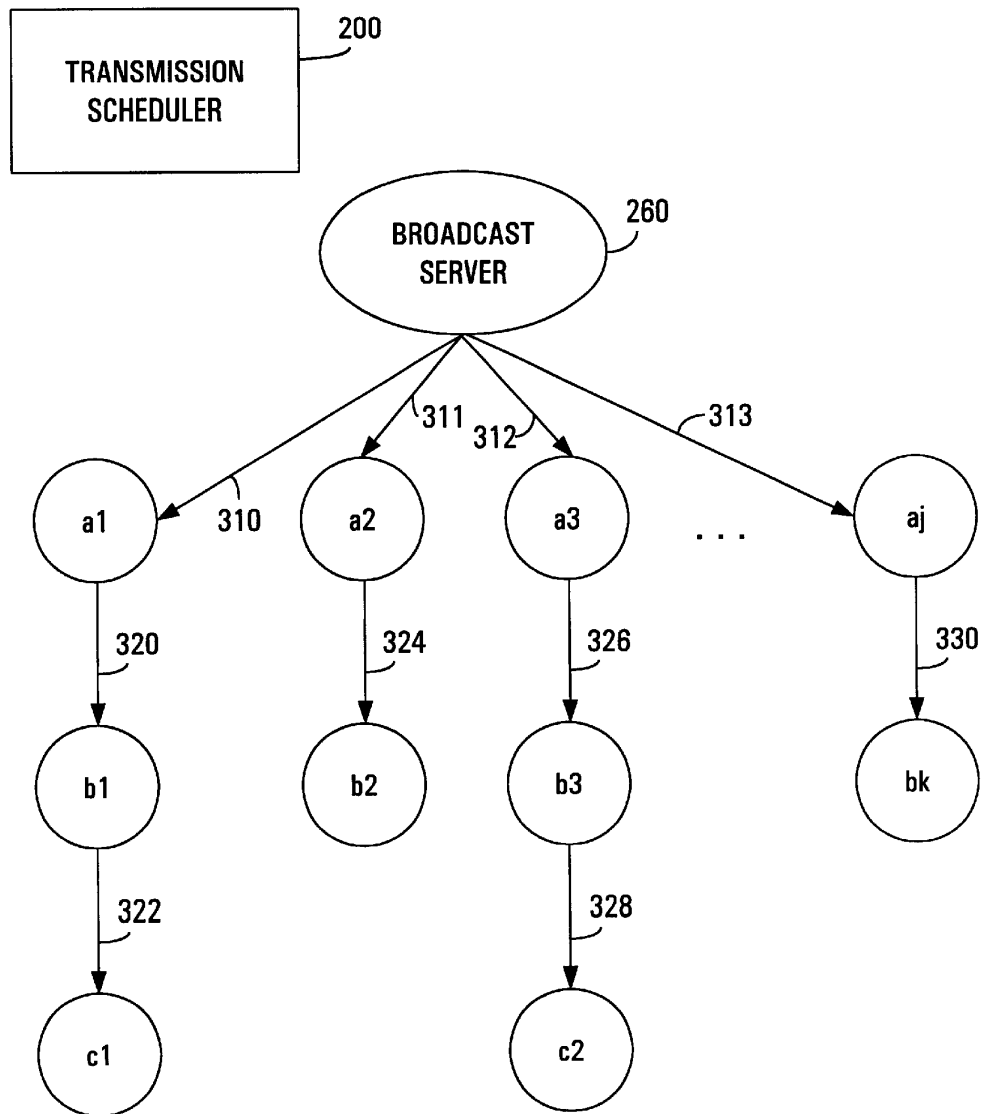


FIGURE 3A

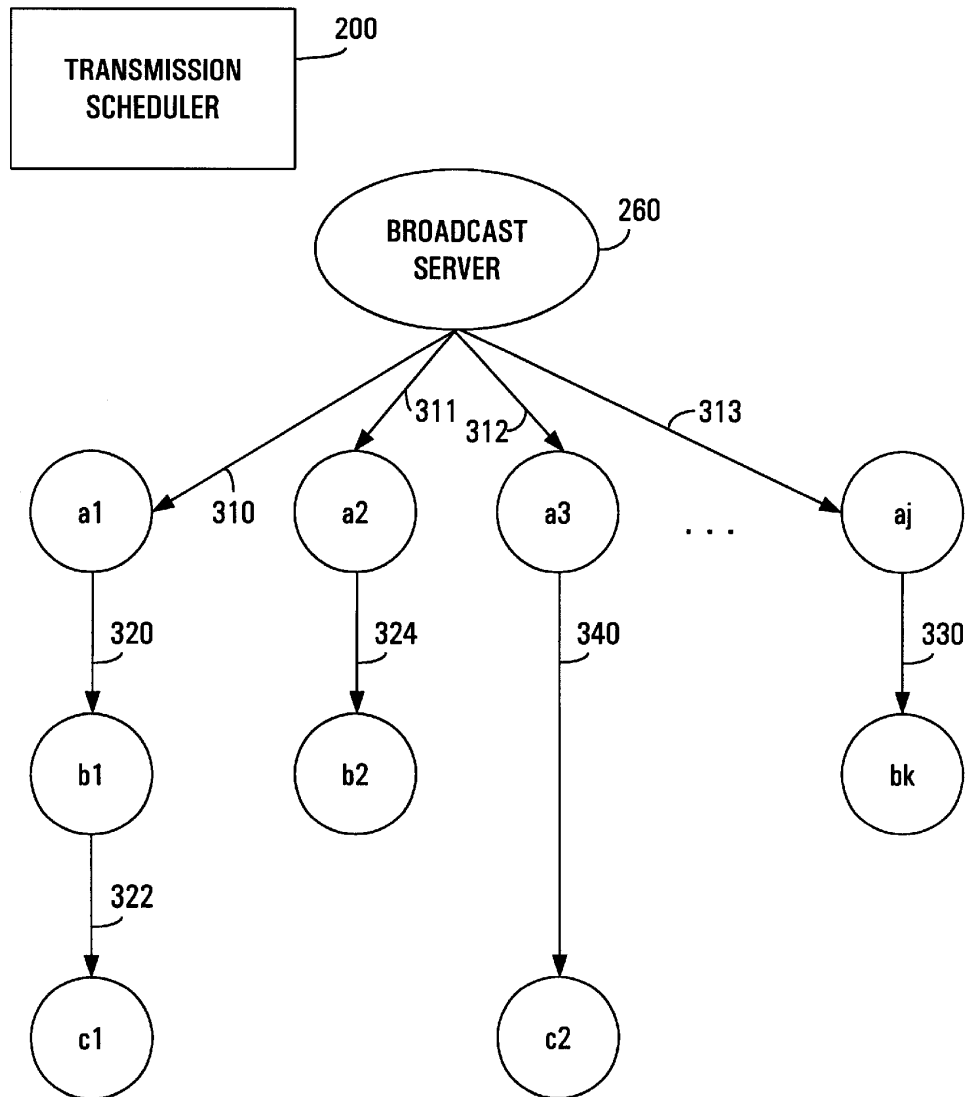


FIGURE 3B

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.