

# EXHIBIT 2



US008688028B2

(12) **United States Patent**  
**Christensen et al.**

(10) **Patent No.:** **US 8,688,028 B2**  
(45) **Date of Patent:** **Apr. 1, 2014**

(54) **BROADCAST RESPONSE SYSTEM**

(56) **References Cited**

(71) Applicant: **StratosAudio, Inc.**, Kirkland, WA (US)

U.S. PATENT DOCUMENTS

(72) Inventors: **Kelly M. Christensen**, Mill Creek, WA (US); **Barry D. Thomas**, West Hills, CA (US); **Thomas J. Smyth**, North Hollywood, CA (US)

4,926,255 A 5/1990 Von Kohorn  
5,134,719 A 7/1992 Mankovitz

(Continued)

FOREIGN PATENT DOCUMENTS

(73) Assignee: **StratosAudio, Inc.**, Kirkland, WA (US)

CA 2 316 925 7/1999  
DE 44 27 046 A1 2/1996

(Continued)

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

OTHER PUBLICATIONS

(21) Appl. No.: **13/889,176**

Australian App. No. 2007200471, including its prosecution history, and the Office Actions mailed on Oct. 15, 2008 and Jan. 12, 2009.

(22) Filed: **May 7, 2013**

(Continued)

(65) **Prior Publication Data**

US 2013/0309960 A1 Nov. 21, 2013

**Related U.S. Application Data**

*Primary Examiner* — Ajibola Akinyemi

(74) *Attorney, Agent, or Firm* — Knobbe Martens Olson & Bear LLP

(63) Continuation of application No. 11/562,300, filed on Nov. 21, 2006, now Pat. No. 8,467,724, which is a continuation of application No. 11/203,556, filed on Aug. 12, 2005, now Pat. No. 7,773,939, which is a continuation of application No. 09/953,335, filed on Sep. 13, 2001, now Pat. No. 6,957,041.

(57) **ABSTRACT**

A broadcast response system provides, e.g., a radio broadcast listener with the ability to obtain media content such as music or speech while listening to the radio. The user can respond to items in the radio broadcast such as advertisements, fund raising drives, or interactive listener polls during the broadcast. Data such as song title and artist, author or publisher and the IP address for the location where the digital version of the content is stored, can be transmitted using, e.g., the RBDS/RDS data stream. A reference number representing song title and artist, author or publisher and the IP address for the location where the digital version of the content is stored can also be employed for ease of implementation. This reference number can reside in a lookup table to be accessed by broadcast response server.

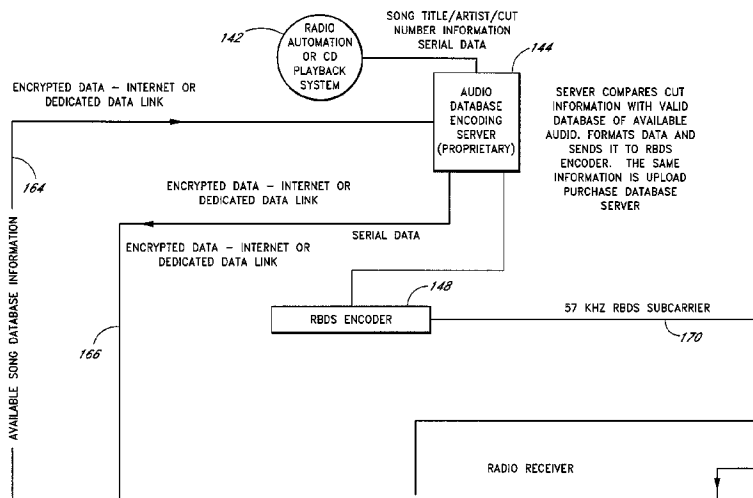
(60) Provisional application No. 60/232,333, filed on Sep. 13, 2000.

(51) **Int. Cl.**  
**H04H 40/00** (2008.01)

(52) **U.S. Cl.**  
USPC ..... **455/3.06; 725/32; 725/34; 725/36; 725/58**

(58) **Field of Classification Search**  
USPC ..... **455/3.06**  
See application file for complete search history.

**20 Claims, 6 Drawing Sheets**



## US 8,688,028 B2

Page 2

(56)

## References Cited

## FOREIGN PATENT DOCUMENTS

## U.S. PATENT DOCUMENTS

5,303,393	A	4/1994	Noreen et al.	
5,438,355	A	8/1995	Palmer	
5,444,769	A	8/1995	Koen et al.	
5,539,635	A	7/1996	Larson, Jr.	
5,548,828	A	8/1996	Kozaki et al.	
5,557,541	A	9/1996	Schulhof et al.	
5,579,537	A	11/1996	Takahisa	
5,661,787	A	8/1997	Pocock	
5,708,478	A	1/1998	Tognazzini	
5,752,159	A	5/1998	Faust et al.	
5,857,156	A	1/1999	Anderson	
5,872,589	A	2/1999	Morales	
5,903,617	A	5/1999	Kamalski	
5,905,865	A	5/1999	Palmer et al.	
5,907,793	A	5/1999	Reams	
5,991,601	A	11/1999	Anderson	
5,991,737	A	11/1999	Chen	
6,036,086	A	3/2000	Sizer, II et al.	
6,098,106	A	8/2000	Philyaw et al.	
6,202,210	B1	3/2001	Ludtke	
6,286,140	B1	9/2001	Ivanyi	
6,446,262	B1	9/2002	Malaure et al.	
6,463,469	B1	10/2002	Yavitz	
6,473,792	B1	10/2002	Yavitz et al.	
6,507,727	B1	1/2003	Henrick	
6,578,047	B1	6/2003	Deguchi	
6,611,201	B1	8/2003	Bishop et al.	
6,658,232	B1	12/2003	Johnson	
6,708,335	B1	3/2004	Ozer et al.	
6,725,022	B1	4/2004	Clayton et al.	
6,829,486	B2	12/2004	McKenna et al.	
6,928,423	B1	8/2005	Yamanaka	
6,941,154	B1	9/2005	Ritter	
6,957,041	B2	10/2005	Christensen et al.	
6,970,886	B1*	11/2005	Conwell et al.	1/1
6,990,312	B1	1/2006	Gioscia et al.	
7,110,714	B1	9/2006	Kay et al.	
7,190,971	B1	3/2007	Kawamoto	
7,266,343	B1	9/2007	Yli-juuti et al.	
7,299,194	B1	11/2007	Manganaris et al.	
7,415,430	B2	8/2008	Christensen et al.	
7,647,609	B2	1/2010	Wachtfogel et al.	
7,765,574	B1	7/2010	Maybury et al.	
7,773,939	B2	8/2010	Christensen et al.	
7,788,693	B2*	8/2010	Robbins	725/58
7,917,130	B1	3/2011	Christensen et al.	
8,166,081	B2	4/2012	Christensen et al.	
8,200,203	B1	6/2012	Christensen et al.	
8,467,724	B2	6/2013	Christensen et al.	
2002/0046407	A1	4/2002	Franco	
2002/0133824	A1	9/2002	Mensch	
2003/0097338	A1	5/2003	Mankovich et al.	
2003/0208756	A1*	11/2003	Macrae et al.	725/34
2005/0021744	A1	1/2005	Haitsuka et al.	
2007/0156457	A1	7/2007	Brown	
2009/0104870	A1	4/2009	Christensen et al.	
2009/0104872	A1	4/2009	Christensen et al.	
2009/0177736	A1	7/2009	Christensen et al.	
2009/0183208	A1	7/2009	Christensen et al.	
2009/0192916	A1*	7/2009	Casper	705/26
2009/0205000	A1	8/2009	Christensen et al.	

DE	196 27 308	A1	1/1998
EP	0 713 335	A2	5/1996
JP	08-139624		5/1996
JP	10-135855		5/1998
JP	2000292182	A	10/2000
KR	10-1996-0033096		9/1996
KR	10-1998-0078248		11/1998
WO	WO 90/00847		1/1990
WO	WO 92/14222		8/1992
WO	WO 94/02909		2/1994
WO	WO 97/21291		6/1997
WO	WO 97/42724	A1	11/1997
WO	WO 97/45814		12/1997
WO	WO 99/18518		4/1999
WO	WO 99/35771		7/1999
WO	WO 99/35809		7/1999
WO	WO 99/43109		8/1999
WO	WO 00/19662		4/2000
WO	WO 01/01331		1/2001
WO	WO 01/22633		3/2001
WO	WO 01/52541		7/2001
WO	WO 01/57759		8/2001
WO	WO02/23773		2/2002

## OTHER PUBLICATIONS

Final Office Action in Korean App. No. 10-2008-7031275, mailed on Sep. 29, 2011 (both English and Korean versions).

Final Office Action in Korean App. No. 10-2008-7031275, mailed on Dec. 30, 2010.

Office Action in Korean App. No. 10-2011-7010599, mailed on Sep. 8, 2011 (both English and Korean version).

Final Office Action in Japanese App. No. 2002-527094, mailed on Dec. 21, 2010 (both English and Japanese versions).

Final Office Action in Japanese App No. 2002-527094, mailed on Sep. 6, 2011 (both English and Japanese Versions).

Office Action in Korean App. No. 10-2010-7019126, mailed on Nov. 9, 2010 (both English and Korean versions).

Office Action in Japanese App. No. 2002-527094, mailed on Feb. 24, 2010 (both English and Japanese versions).

Office Action in Canadian App. No. 2,421,165, mailed on Feb. 1, 2010.

Office Action in Korean App. No. 10-2008-7031275, mailed on Jan. 28, 2010 (both English and Korean versions).

Office Action in Korean App. No. 10-2003-7003701, mailed on Feb. 29, 2008 (both English and Korean versions).

Office Action in Korean App. No. 10-2008-7031275, mailed on May 4, 2009 (both English and Korean versions).

Office Action in Korean App. No. 10-2008-7001677, mailed on May 23, 2008 (both English and Korean versions).

Office Action in Korean App. No. 10-2003-7003701, mailed on Sep. 20, 2007.

“Sirius to Add ‘Instant Buy’ Button”. Mar. 13, 2000, *Twice*, V 15, n. 7, p. 28.

“Bookmark Your World”, 1999-2000 Xenote, www.xenote.com.

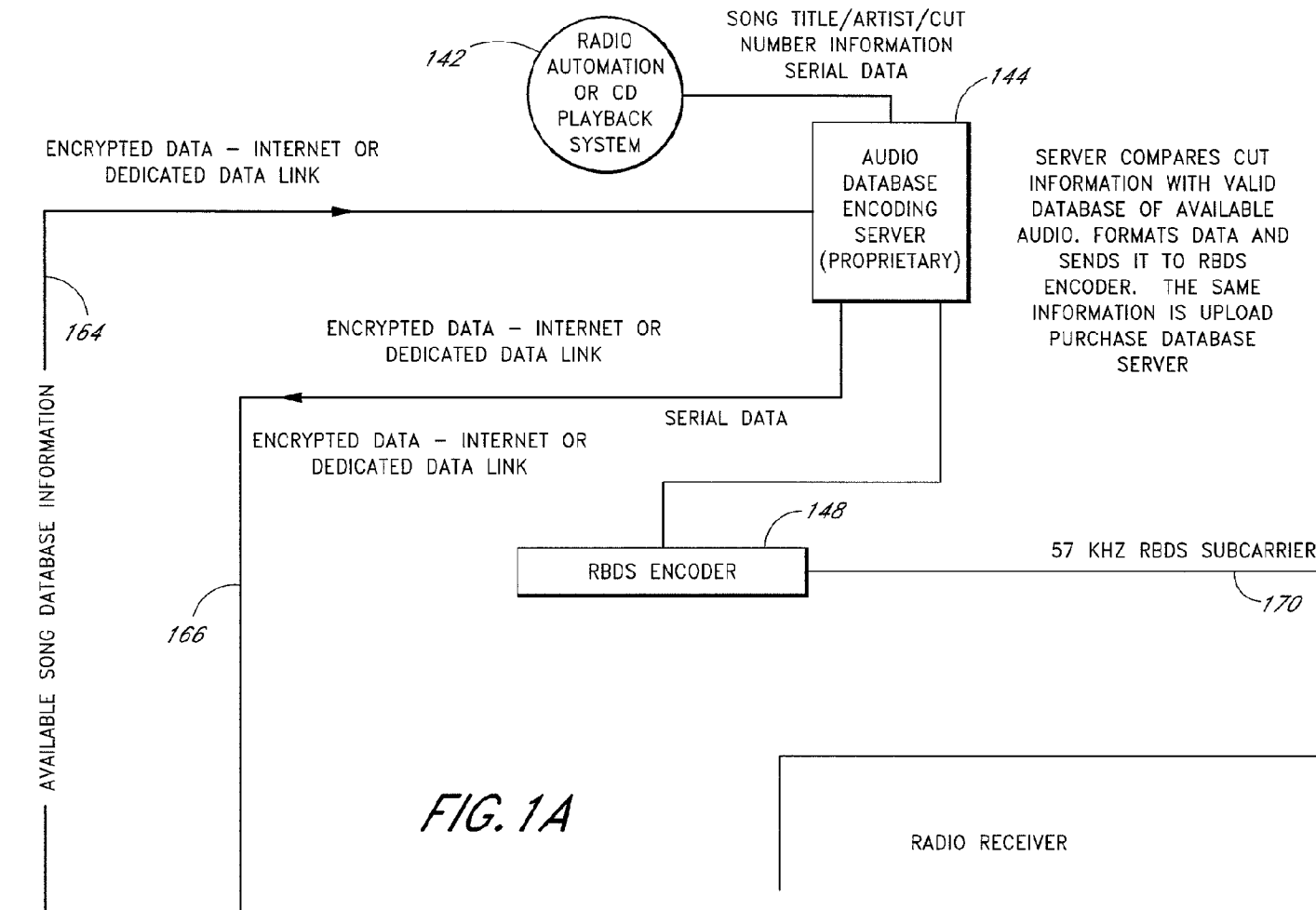
Jan. 25, 2000, Showcase 2000—Xenote Press Release re Xenote iTag, www.xenote.com/html/press/releases.html.

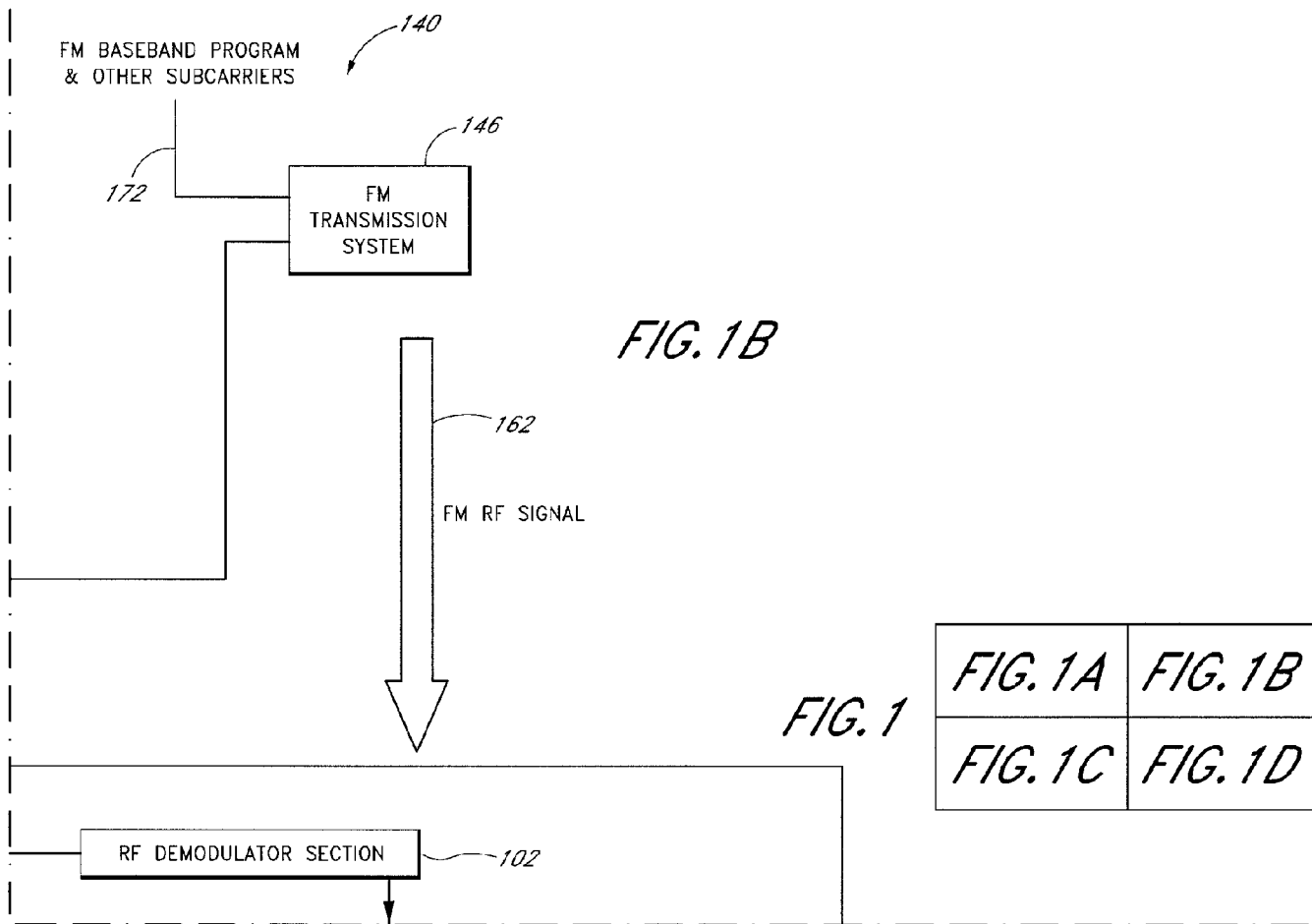
International Search Report dated Sep. 13, 2001.

European Patent Office Examination Report dated Oct. 17, 2005.

European Patent Office Examination Report dated Feb. 21, 2007.

\* cited by examiner





# 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.