

# Exhibit 2

(12) **United States Patent**  
**Ward**

(10) **Patent No.:** **US 6,526,411 B1**  
(45) **Date of Patent:** **Feb. 25, 2003**

(54) **SYSTEM AND METHOD FOR CREATING DYNAMIC PLAYLISTS**

(76) Inventor: **Sean Ward**, 14 W. Cedar St.,  
Alexandria, VA (US) 22301

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 260 days.

(21) Appl. No.: **09/712,261**

(22) Filed: **Nov. 15, 2000**

**Related U.S. Application Data**

(60) Provisional application No. 60/165,726, filed on Nov. 15, 1999, provisional application No. 60/165,727, filed on Nov. 15, 1999, and provisional application No. 60/166,039, filed on Nov. 17, 1999.

(51) **Int. Cl.**<sup>7</sup> ..... **G06F 17/30**

(52) **U.S. Cl.** ..... **707/102; 707/104.1**

(58) **Field of Search** ..... 707/104.1, 102

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,157,643 A	10/1992	Suzuki	
5,341,350 A	8/1994	Frank et al.	
5,408,448 A	4/1995	Carman	
5,633,839 A	5/1997	Alexander	
5,668,788 A *	9/1997	Allison	345/173
5,696,919 A	12/1997	Masuno et al.	
5,749,081 A	5/1998	Whiteis	
5,793,980 A	8/1998	Glaser et al.	
5,867,799 A	2/1999	Lang et al.	
5,872,747 A	2/1999	Johnson	
5,872,850 A	2/1999	Klein et al.	
5,918,223 A	6/1999	Blum et al.	
5,930,768 A	7/1999	Hooban	
5,959,945 A	9/1999	Jkeunab	
5,983,214 A	11/1999	Lang et al.	
5,986,979 A	11/1999	Bickford et al.	
5,987,525 A	11/1999	Roberts et al.	

6,025,838 A	2/2000	Bardon et al.	
6,029,161 A	2/2000	Lang et al.	
6,041,311 A	3/2000	Chislenko et al.	
6,049,777 A	4/2000	Sheena et al.	
6,061,680 A	5/2000	Scherf et al.	
6,092,049 A	7/2000	Chislenko et al.	
6,118,450 A *	9/2000	Proehl et al.	345/810
6,154,773 A	11/2000	Roberts et al.	
6,192,340 B1 *	2/2001	Abecassis	455/185.1
6,230,192 B1	5/2001	Roberts et al.	
6,230,207 B1	5/2001	Roberts et al.	
6,240,459 B1	5/2001	Roberts et al.	
6,356,971 B1 *	3/2002	Katz et al.	710/301
6,421,651 B1 *	7/2002	Tedesco et al.	705/5

\* cited by examiner

*Primary Examiner*—Safet Metjahic

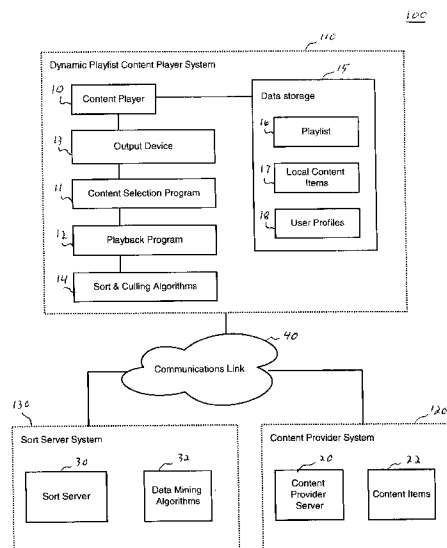
*Assistant Examiner*—Sana AL-hashemi

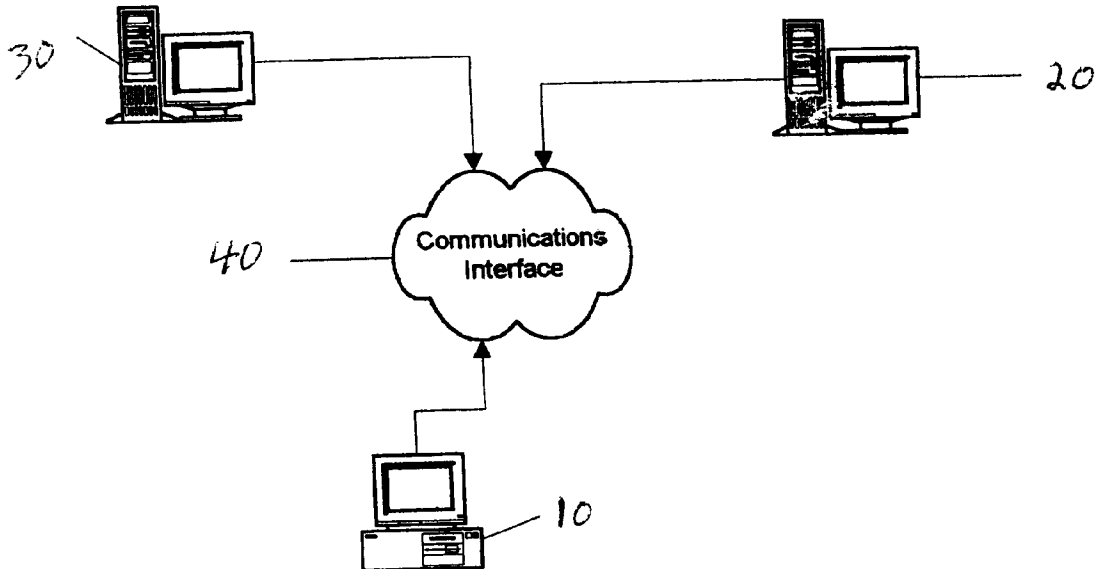
(74) *Attorney, Agent, or Firm*—Miles & Stockbridge P.C.;  
Edward J. Kondracki

(57) **ABSTRACT**

Method and system provided for creating a dynamic playlist including meta-data having potential association with a respective content item configured to be played on a content player, and having dynamic addition of subtraction of playlist items. The system maintains a database of linkages between elements associated with content items as well as weighted linkages between elements and respective properties. The system is a hybrid content based and collaborative filtering system, wherein the insertion of a new item into the database results in the new item sharing preference weights and number of preferences associated with items pre-existing in the database. Thus, an initial input query list of items potentially results in the return of many content, called a “dynamic playlist”, has a high correlation with the user’s preference or with whatever other basis was used to frame the input list, and individual content items on the dynamic playlist may not have been previously experienced by the user.

**24 Claims, 7 Drawing Sheets**



*Fig. 1*

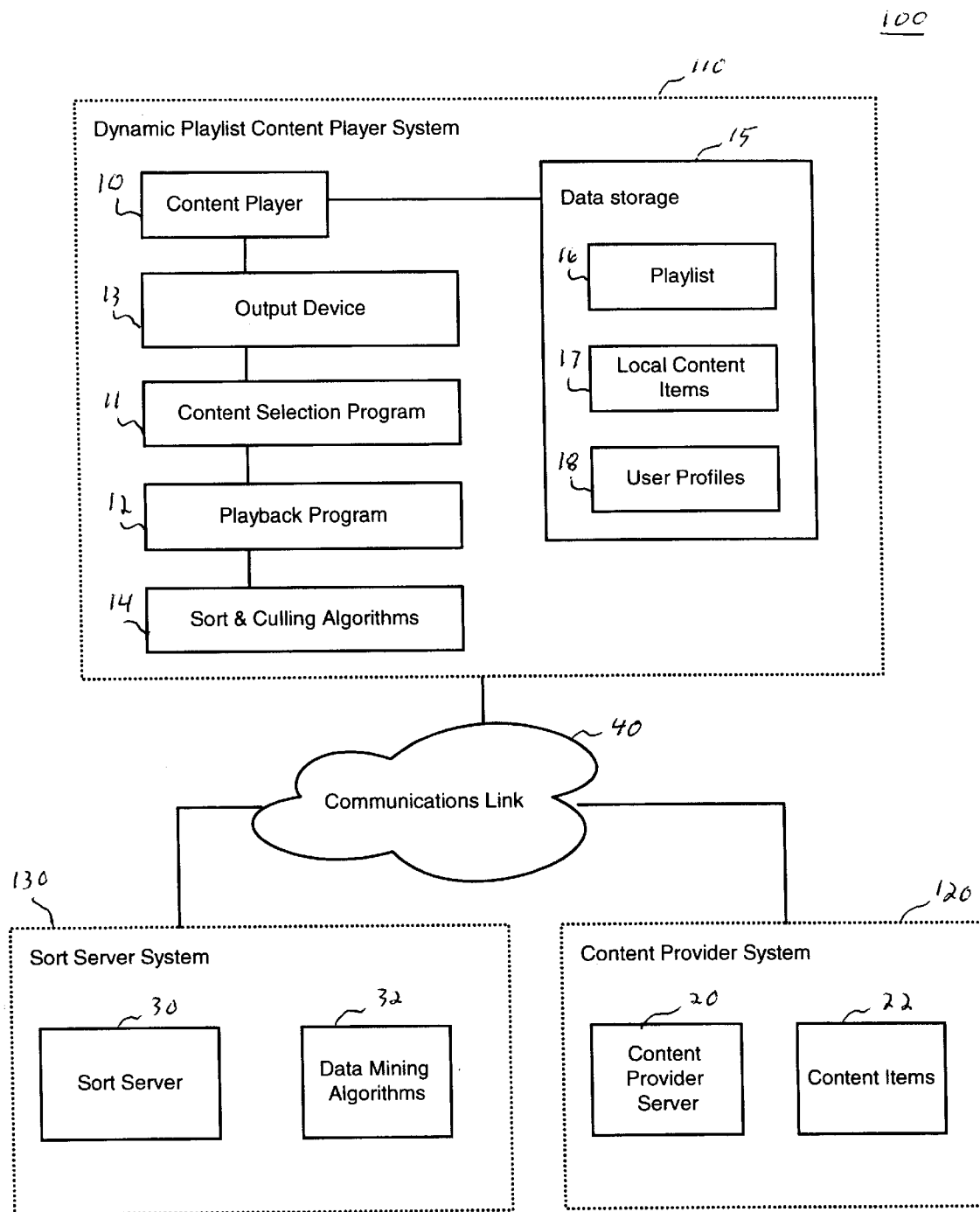
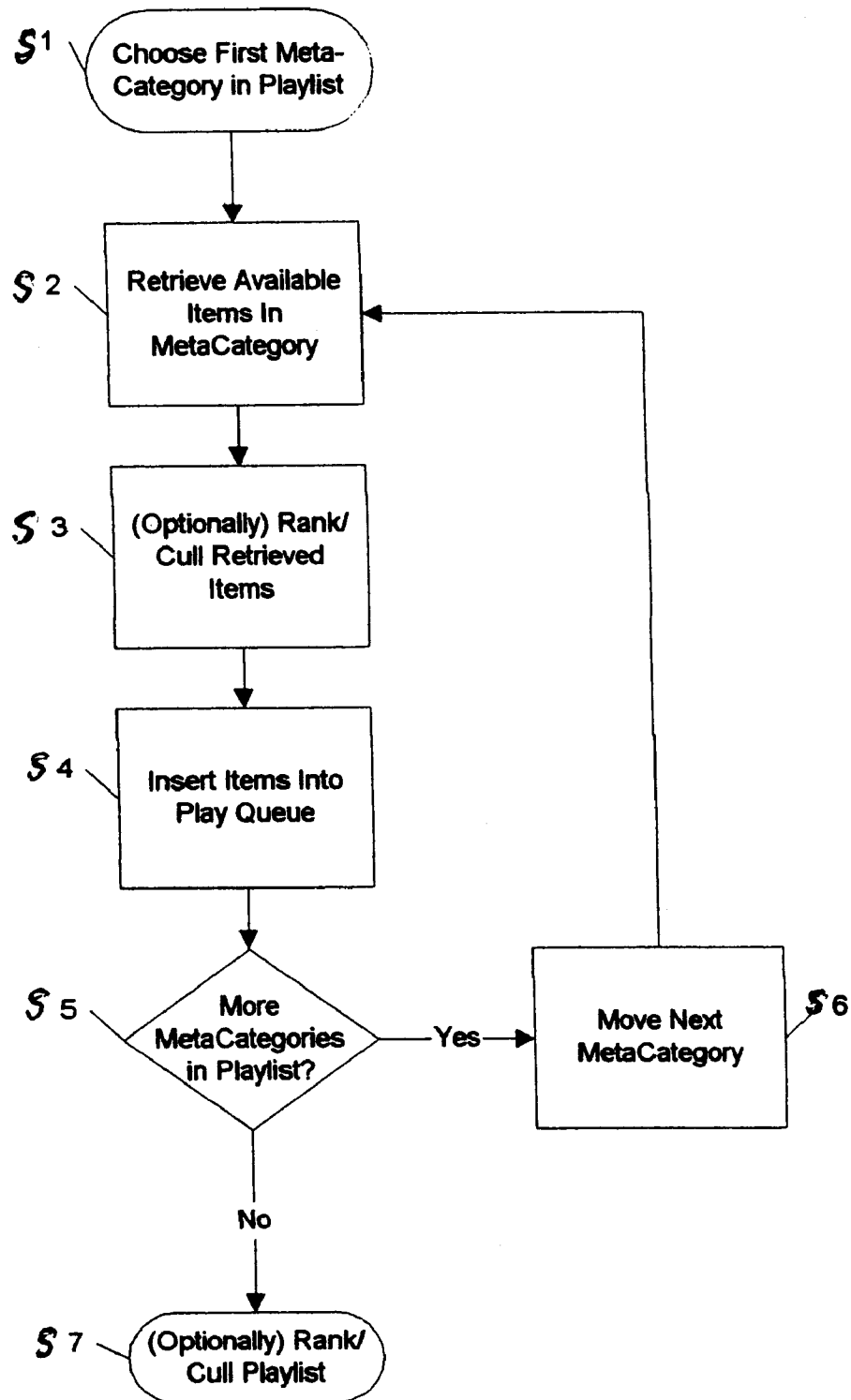


FIG. 2

FIG. 3



# 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.