



US007945860B2

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

(10) **Patent No.:** **US 7,945,860 B2**
(45) **Date of Patent:** **May 17, 2011**

(54) **SYSTEMS AND METHODS FOR MANAGING CONVERSATIONS BETWEEN INFORMATION TECHNOLOGY RESOURCES**

(75) Inventors: **Guillaume N. Vambenepe**, Mountain View, CA (US); **Nicolas Catania**, Palo Alto, CA (US); **Bryan P. Murray**, Duvall, WA (US); **M. Homayoun Pourheidari**, Mountain View, CA (US)

(73) Assignee: **Hewlett-Packard Development Company, L.P.**, Houston, TX (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 2732 days.

(21) Appl. No.: **10/438,576**

(22) Filed: **May 14, 2003**

(65) **Prior Publication Data**
US 2004/0230650 A1 Nov. 18, 2004

(51) **Int. Cl.**
G06F 3/048 (2006.01)

(52) **U.S. Cl.** **715/744**

(58) **Field of Classification Search** 709/223, 709/224, 204; 707/10, 103 R; 705/7; 719/328; 717/101; 715/744, 735, 765

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,434,568	B1 *	8/2002	Bowman-Amuah	707/103 R
7,020,697	B1 *	3/2006	Goodman et al.	709/223
2003/0126136	A1 *	7/2003	Omoigui	707/10
2004/0064351	A1 *	4/2004	Mikurak	705/7
2004/0103186	A1 *	5/2004	Casati et al.	709/224
2004/0230650	A1 *	11/2004	Vambenepe et al.	709/204
2004/0230943	A1 *	11/2004	Pourheidari et al.	717/101
2004/0237094	A1 *	11/2004	Vambenepe et al.	719/328

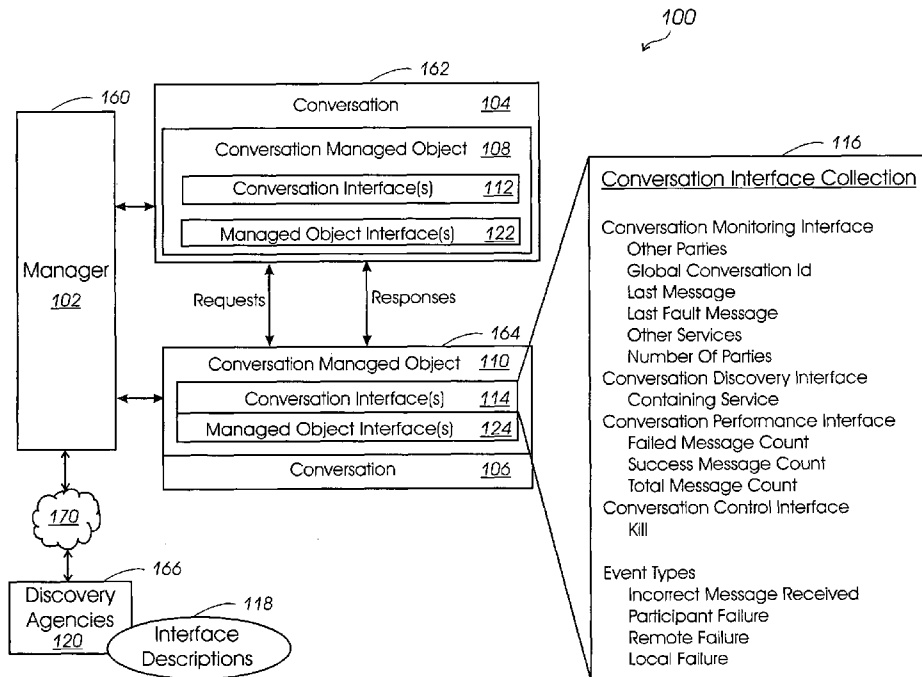
* cited by examiner

Primary Examiner — Le Luu

(57) **ABSTRACT**

A system for managing a conversation includes one or more interfaces configured to provide management information about the conversation to a manager. The interface can be configured to provide information regarding a resource such as a Web service that contains the conversation. Information regarding the conversation that may be made available to the manager includes the number of failed messages processed by the conversation; the number of successful messages processed by the conversation; the total number of messages processed by the conversation; the number of other resources participating in the conversation; the identity of other resources participating in the conversation; an identifier of the conversation; the last message received; the last fault message received; and an identifier of the resource that contains the conversation.

35 Claims, 4 Drawing Sheets



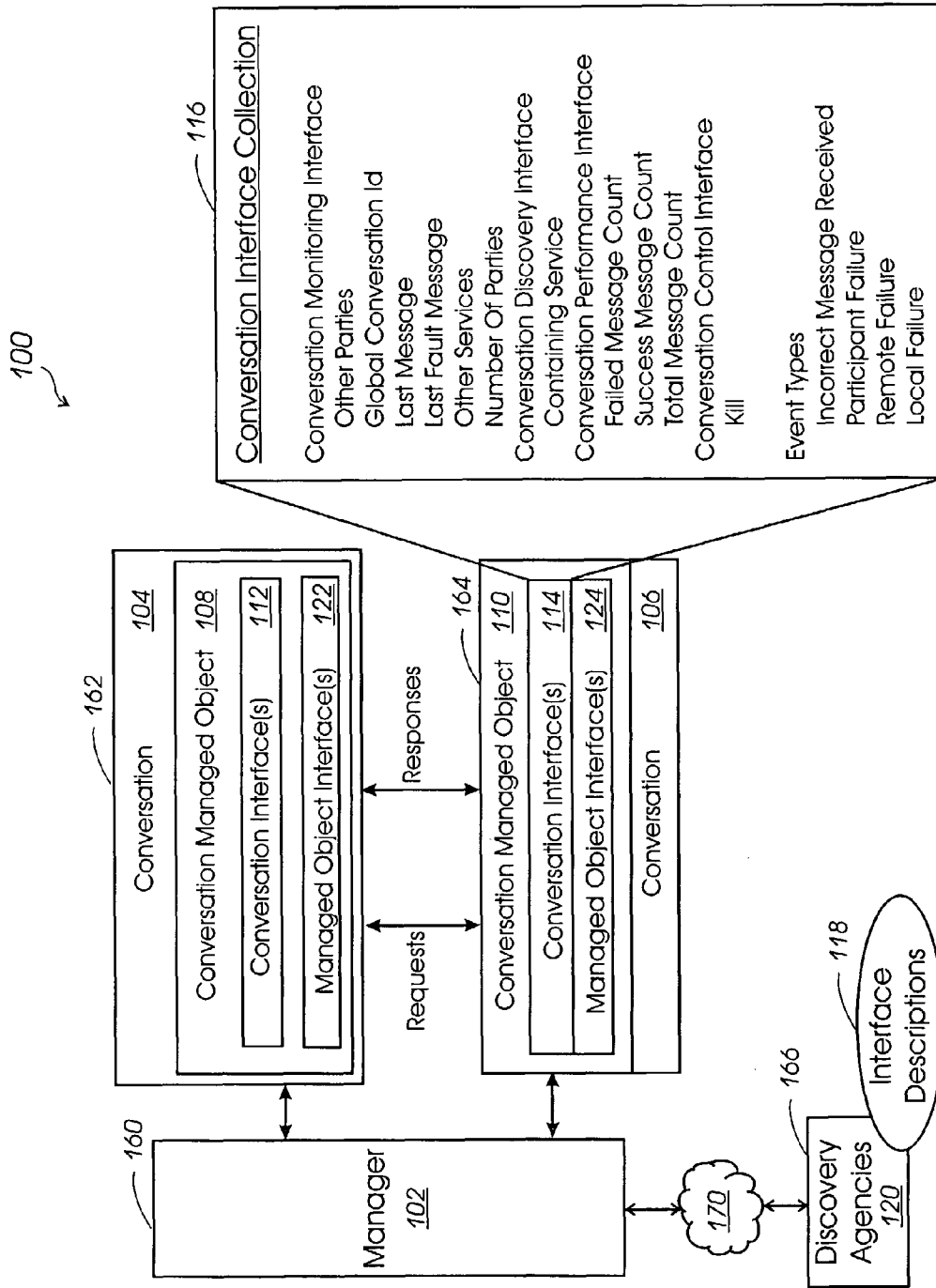


FIG. 1A

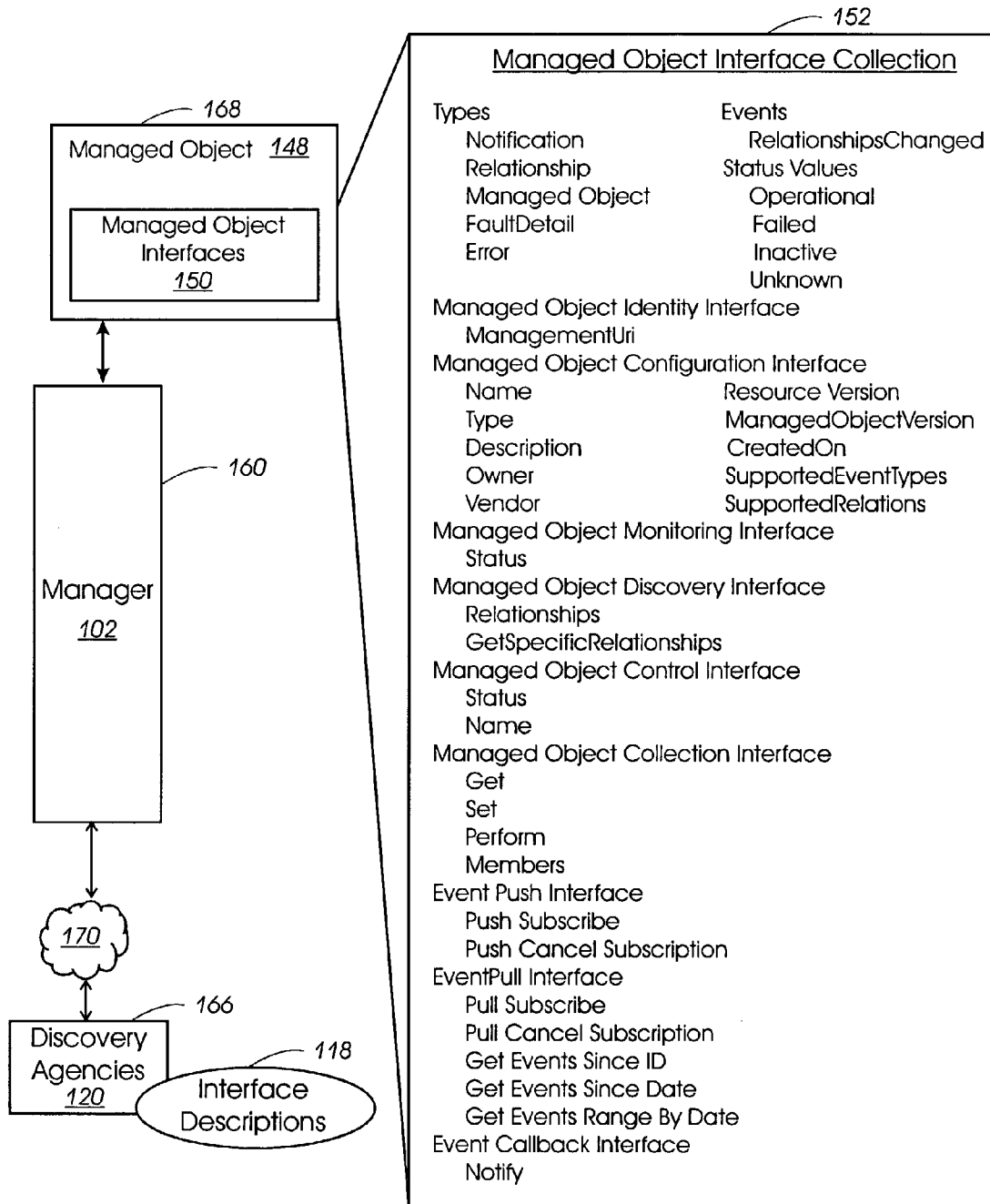


FIG. 1B

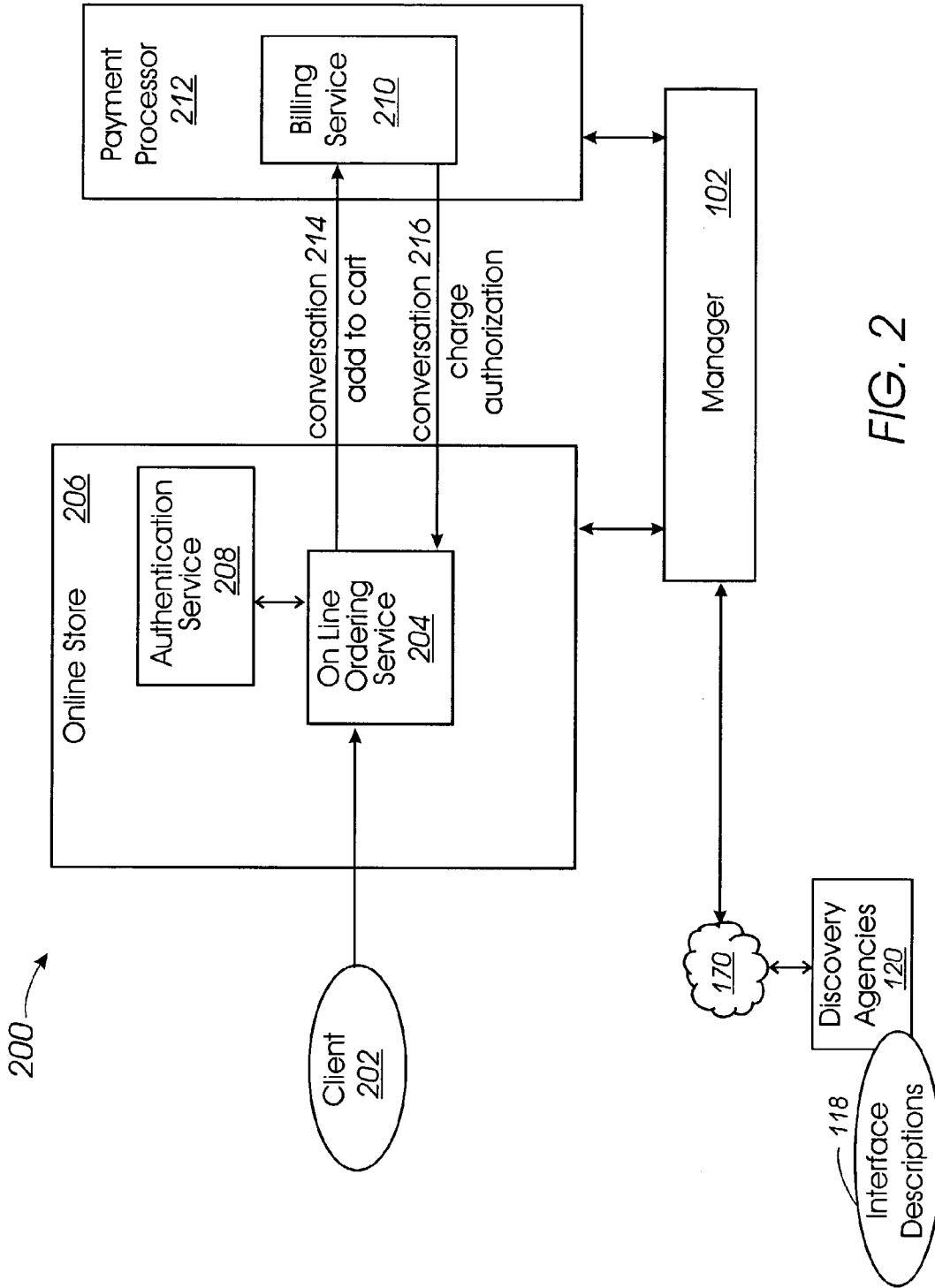


FIG. 2

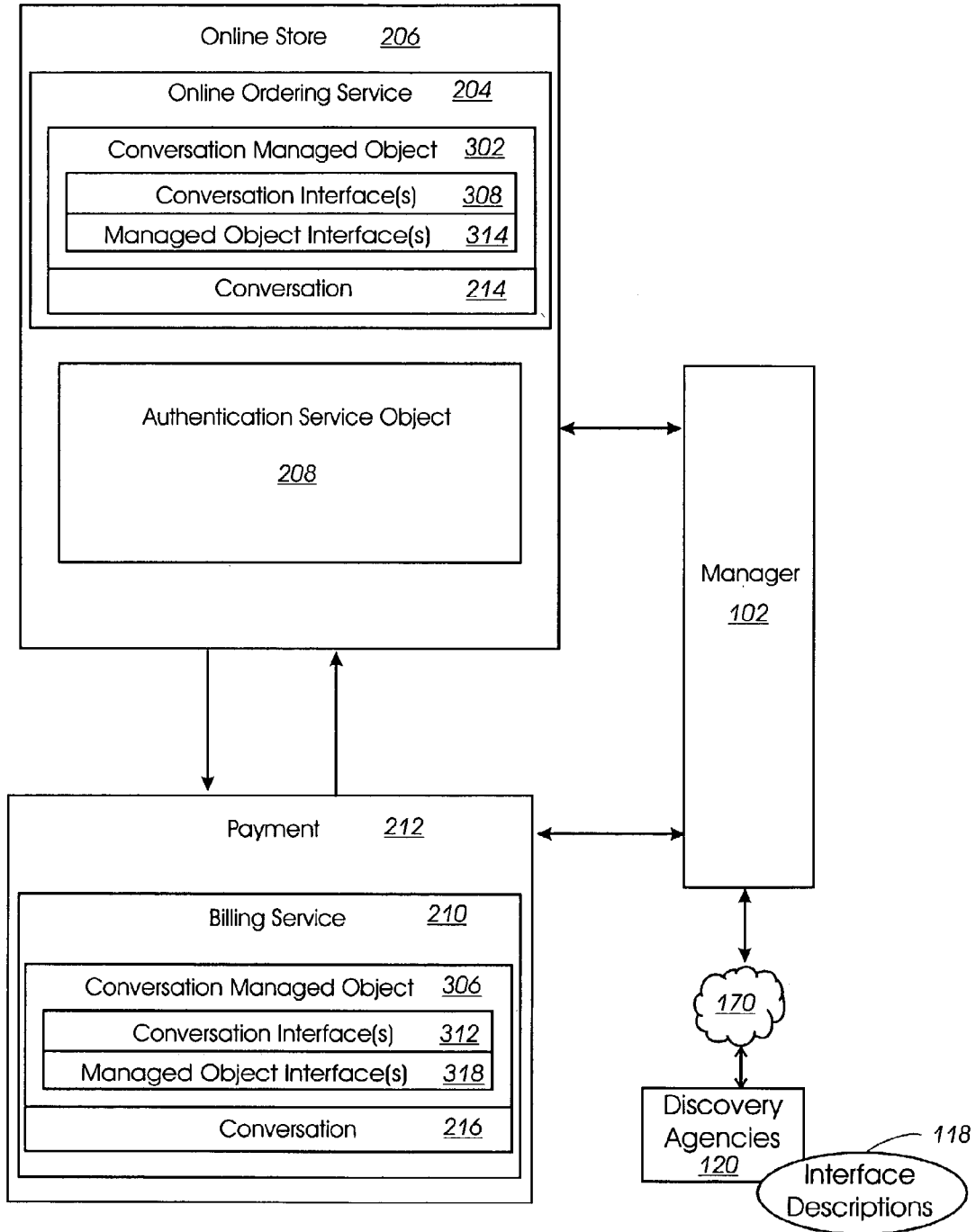


FIG. 3

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.