

## (12) United States Patent

### Reardan et al.

#### US 7,668,730 B2 (10) Patent No.: \*Feb. 23, 2010 (45) **Date of Patent:**

(54)	SENSITIVE DRUG DISTRIBUTION SYSTEM AND METHOD			
(75)	Inventors:	Dayton T. Reardan, Excelsior, MN (US); Patti Engle, Eagan, MN (US); Bob Gagne, St. Paul, MN (US)		
(73)	Assignee:	JPI Commercial, LLC., Palo Alto, CA (US)		
(*)	Notice:	Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 446 days.		
		This patent is subject to a terminal disclaimer.		
(21)	Appl. No.:	10/322,348		
(22)	Filed:	Dec. 17, 2002		
(65)		Prior Publication Data		
	US 2004/0117205 A1 Jun. 17, 2004			
(51)	Int. Cl. G06Q 10/0	90 (2006.01)		

See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

(56)

3,556,342 A \*

4,847,764 A \*

4,976,351 A

5,845,255 A \*

5,924,074 A

6,021,392 A

6,045,501 A

6,055,507 A 6,112,182 A

6,315,720 B1

5,737,539 A \* 4

12

Field of Classification Search ...... 705/2,

6,347,329	В1	2/2002	Evans 709/202
6,564,121	B1	5/2003	Wallace et al.
6,755,784	B2	6/2004	Williams et al 600/300
6,952,681	B2*	10/2005	McQuade et al 705/28
7,058,584	B2*	6/2006	Kosinski et al 705/2
2001/0001144	$\mathbf{A}1$	5/2001	Kapp 705/3
2001/0042050	$\mathbf{A}1$	11/2001	Fletcher et al 705/64
2001/0047281	A1	11/2001	Keresman, III et al 705/2
2002/0010661	A1*	1/2002	Waddington et al 705/28
2002/0032581	A1	3/2002	Reitberg 705/2
2002/0032582	$\mathbf{A}1$	3/2002	Feeney, Jr. et al 705/2

### (Continued)

### OTHER PUBLICATIONS

Ukens, C. "Specialty Pharmacy," Jun. 5, 2000, Drug Topics, v. 144, p.

### (Continued)

Primary Examiner—Gerald J. O'Connor Assistant Examiner—Lena Najarian (74) Attorney, Agent, or Firm-Schwegman, Lundberg & Woessner, P.A.

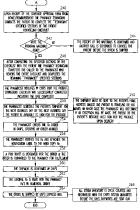
#### (57)ABSTRACT

A drug distribution system and method utilizes a central pharmacy and database to track all prescriptions for a sensitive drug. Information is kept in the database regarding all physicians allowed to prescribe the sensitive drug, and all patients receiving the drug. Abuses are identified by monitoring data in the database for prescription patterns by physicians and prescriptions obtained by patients. Further verification is made that the physician is eligible to prescribe the drug by consulting a separate database, and optionally whether any actions are taken against the physician. Multiple controls beyond those for normal drugs are imposed on the distribution depending on the sensitivity of the drug.

### 11 Claims, 16 Drawing Sheets

1/1971	Guarr 221/2
7/1989	Halvorson 700/231
12/1990	Mangini et al.
4/1998	Edelson et al 705/3
12/1998	Mayaud 705/3
7/1999	Evans 705/3
2/2000	Lester et al 705/2
4/2000	Elsayed et al 600/300
4/2000	Cunningham 705/3
8/2000	Akers et al 705/2
11/2001	Williams et al 600/300
	A 240
	UPON RECEPT OF THE CRAFFICE APPROVAL FORM FROM INVEX/REMAINSCRIPT THE PRIVATE YEARONS TO MICE.
	COMBATS THE PATIENT TO COMPLETE THE "FERRICAN" SPECIFIED SECTIONS OF THE FATIENT CONVEYING CONTINUES
	242
	PRICHW WITHOUT VO

705/3; 600/300





### U.S. PATENT DOCUMENTS

2002/0042725 A1	4/2002	Mayaud 705/2
2002/0042762 A1	4/2002	McQuade et al 705/29
2002/0052762 A1	5/2002	Kobylevsky et al 705/2
2002/0161607 A1	10/2002	Subich 705/3
2002/0177232 A1*	11/2002	Melker et al 436/151
2003/0033168 A1*	2/2003	Califano et al 705/3
2003/0046110 A1	3/2003	Gogolak 705/2
2003/0050802 A1	3/2003	Jay et al 705/3
2003/0110060 A1	6/2003	Clementi 705/2
2003/0127508 A1	7/2003	Jones 235/375
2003/0144876 A1	7/2003	Kosinski et al 705/2
2003/0160698 A1*	8/2003	Andreasson et al 340/573.1
2003/0197366 A1*	10/2003	Kusterbeck 283/69
2003/0229519 A1	12/2003	Eidex et al 705/2
2003/0233256 A1	12/2003	Cardenas et al 705/3
2004/0008123 A1*	1/2004	Carrender et al 340/825.49
2004/0019567 A1	1/2004	Herceg et al 705/64
2004/0019794 A1*	1/2004	Moradi et al 713/185
2004/0078237 A1	4/2004	Kaafarani et al 705/2
2004/0107117 A1	6/2004	Denny 705/2
2004/0117126 A1	6/2004	Fetterman et al 702/19
2004/0122712 A1	6/2004	Hill, Sr. et al 705/2
2004/0122713 A1	6/2004	Hill, Sr. et al 705/2
2004/0162740 A1	8/2004	Ericsson et al 705/3
2004/0176985 A1*	9/2004	Lilly et al 705/2
		-

### OTHER PUBLICATIONS

"An Interview with Orphan Medical about Xyrem," http://www.talkaboutsleep.com/sleep-disorders/archives/ Narcolepsy\_xyrem\_interview.htm, Feb. 12, 2001.\* NASCSA National Conference, (Nov. 2000), 8 pages.

"Diversion Prevention Through Responsible Distribution", NADDI Regional Training, (May 2001), 12 pages.

"Diversion Prevention Through Responsible Distribution", NADDI Regional Training Tennessee, (Jun. 2001), 14 Pages.

"Diversion Prevention Through Responsible Distribution", NADDI National Conference, (Nov. 2001), 15 pages.

"Peripheral and Central Nervous System Drugs Advisory Committee", Department of Health and Human Services Food and Drug Administration Center for Drug Evaluation and Research, Holiday Inn, Bethesda, Maryland, (Jun. 6, 2001), 7 pages.

Preliminary Amendment Pursuant to 37 CFR 1.115 filed with United States Patent and Trademark Office on Jun. 17, 2005 in U.S. Appl. No. 11/104,013 (3 pages).

"System for Thalidomide Education and Prescribing Safety (S.T.E. P.S.) Starter Kit", *Celgene Corporation*, (2001),103 pgs.

"U.S. Appl. No. 11/097,985, Preliminary Amendment mailed Apr. 1, 2005", 7 pgs.

"U.S. Appl. No. 11/097,985 Non Final Office Action Mailed Sep. 14, 2009", 22.

"U.S. Appl. No. 10/731,915, Non Final Office Action Response mailed Feb. 2, 2005", 17 pgs.

"U.S. Appl. No. 10/979,665, Preliminary Amendment mailed Nov. 2, 2004", 3 pgs.

"U.S. Appl. No. 11/097,651, Preliminary Amendment mailed Apr. 1, 2005", 6 pgs.

"U.S. Appl. No. 11/097,651, Non-Final Office Action mailed May 29, 2009", 21 pgs.

"U.S. Appl. No. 11/097,651, Response filed Sep. 17, 2009 to Non Final Office Action mailed May 29, 2009", 10 pgs.

\* cited by examiner



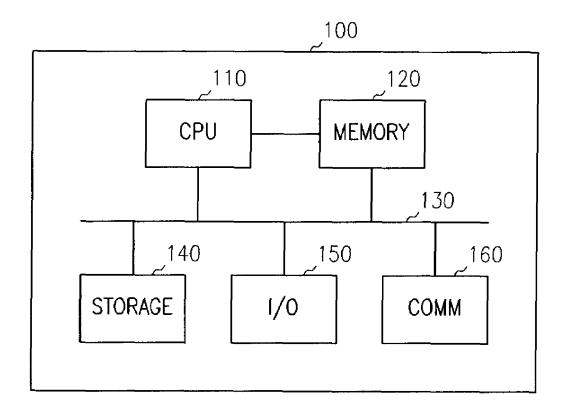
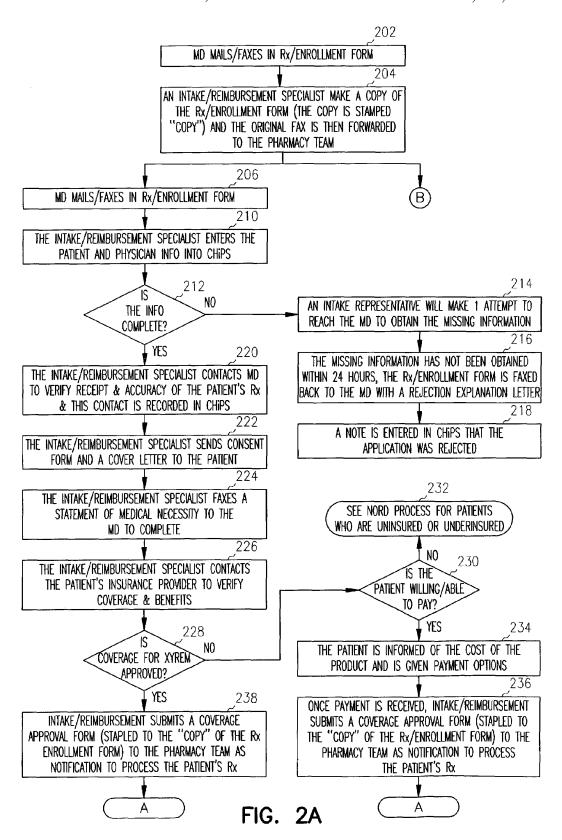
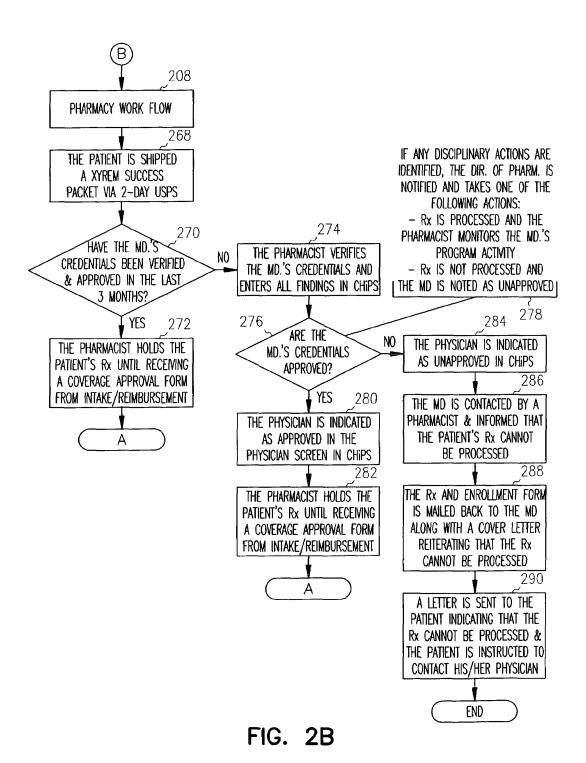


FIG. 1









# DOCKET A L A R M

# 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.

