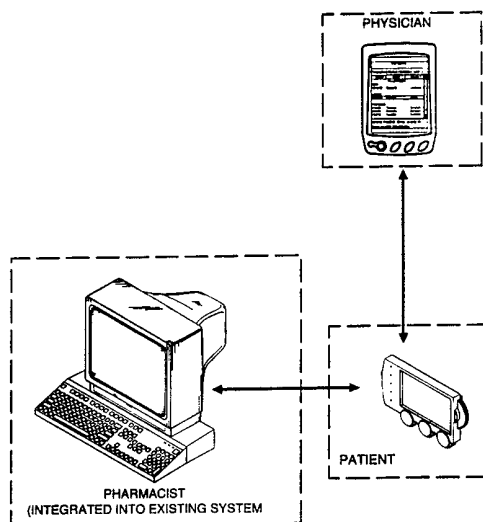




## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>6</sup> :</b> <b>G06F 17/60</b>	<b>A3</b>	<b>(11) International Publication Number:</b> <b>WO 99/45490</b> <b>(43) International Publication Date:</b> 10 September 1999 (10.09.99)
<b>(21) International Application Number:</b> PCT/US99/04861 <b>(22) International Filing Date:</b> 3 March 1999 (03.03.99) <b>(30) Priority Data:</b> 60/076,943            4 March 1998 (04.03.98)            US 60/093,753            22 July 1998 (22.07.98)            US 09/261,044            2 March 1999 (02.03.99)            US 09/260,936            2 March 1999 (02.03.99)            US <b>(71) Applicant:</b> GOETECH LLC [US/US]; 15304 Sisson Road, Penn Valley, CA 95946-9535 (US). <b>(71)(72) Applicants and Inventors:</b> GOETZ, Gerald [US/US]; 15304 Sisson Road, Penn Valley, CA 95946-9535 (US). HEPP, Brian [US/US]; 5416 Foothills Drive, Berthoud, CO 80513 (US). <b>(72) Inventors:</b> PRECHT, Terry; 2874 Telluride Place, Loveland, CO 80538 (US). KRUG, Eric; 1416 Windy Gap Road, Loveland, CO 80537 (US). FANTON, Andrew; 14695 Pecos, Westminster, CO 80020 (US). KEATING, Joe; 1309 Centaur Circle, Lafayette, CO 80026 (US). COPPOM, Brian; 1804 Pine Street, Boulder, CO 80302 (US). THOMPSON, Bradley; 333 East 16th Avenue, Denver, CO 80203 (US).	<b>(74) Agents:</b> WAHL, John, R. et al.; Merchant & Gould, 1400 Independence Plaza, 1050 Seventeenth Street, Denver, CO 80265-0100 (US). <b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). <b>Published</b> <i>With international search report.</i> <b>(88) Date of publication of the international search report:</b> 2 March 2000 (02.03.00)	

**(54) Title:** MEDICATION MONITORING SYSTEM AND APPARATUS



**(57) Abstract**

A medication management system (100) which includes three components to assist a patient control, monitor and manage administration of prescribed medications. The system comprises a patient component (104) having a retrievable patient database of patient medical history, prior prescribed medications and current prescribed medications; a physician component (102) having a retrievable physician's database of medication information; and a pharmacist component (106) resident on a pharmacist's computer. At least one of or each of the physician component (102) and the pharmacist component (106) has the capability of searching a medication database to determine potential medication interactions with currently prescribed medications so that the patient can be alerted to the potential interactions. The patient component (104) has a scheduler which tracks a plurality of medication dose schedules and includes alarm functions to prompt a patient to take particular medications, reschedule them, and alert the patient to potential interactions between medications.

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## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US99/04861

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) :G06F 17/60

US CL :705/2

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 705/1, 2, 3

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

APS, DIALOG, DR-LINK

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Date of the actual completion of the international search

01 AUGUST 1999

Date of mailing of the international search report

10 DEC 1999

Name and mailing address of the ISA/US  
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PCT/US99/04861

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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