## (19) World Intellectual Property Organization International Bureau





# (43) International Publication Date 24 October 2002 (24.10.2002)

### **PCT**

# (10) International Publication Number WO 02/084438 A3

(51) International Patent Classification<sup>7</sup>: G06F 17/60

(21) International Application Number: PCT/US02/11592

**(22) International Filing Date:** 15 April 2002 (15.04.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

60/283,333 13 April 2001 (13.04.2001) US

(71) Applicant: BEAZLEY, Donald, E. [US/US]; 5070 Hancock Road, Fort Lauderdale, FL 33330 (US).

(72) Inventor: NUDEL, Jacob; 1 Isle Bahia Drive, Fort Lauderdale, FL 33316 (US).

(74) Agents: KELBER, Steven, B. et al.; Piper Rudnick LLP, 1200 Nineteenth Street, N.W., Washington, DC 20036 (US).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, 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, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, 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, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

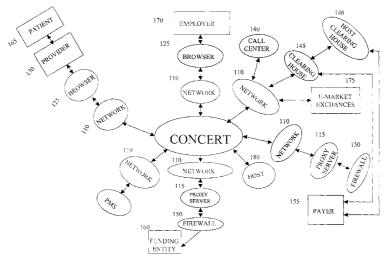
#### **Published:**

with international search report

(88) Date of publication of the international search report: 6 November 2003

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM AND METHOD FOR SECURE HIGHWAY FOR REAL-TIME PREADJUDICATION AND PAYMENT OF MEDICAL CLAIMS



(57) Abstract: A system and method for real-time pre-adjudication, funding and payment of medical expenses to a Provider (130) for a claim, the Claim having a Payer (155), wherein a line of credit is established that is associated with the claim. One variation of the system provides automated and optionally network-based assistance to Participants in the health industry. The participants include: providers (130), payers (155), funding institution (160), patients (165), employers (170), and e-Market exchanges (175). The method includes: receiving a medical expenses claim which is scrubbed; prior to the adjudication of the claim funding the provider from a line of credit with funding determined using risk analysis tools and utilizing a recorded security interest; collecting payment from the payer via a secured environment; and repaying the line of credit from the collected payer payment with follow-up reporting and record keeping.



### INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/11592

A. CLASSIFICATION OF SUBJECT MATTER  IPC(7) : G0F 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.: 705/2, 705/3, 705/4			
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)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a		Relevant to claim No.
Y	US 6,012,035 A (FREEMAN, JR. et al) 4 January 2000, col. 4, line 13- col. 56.		1-33
Y	US 6,208,973 B1 (BOYER et al) 27 March 2001, col. 5, line 44-col 17, line 29.		1-33
A	US 4,858,121 A (BARBER et al.) 15 August 1989, col. 3, line 27-col. 16, line 25)		1-33
Α	US 4,491,725 A (PRITCHARD) 1 January 1985, col. 4, line 30- col. 12, line 39)		1-33
			-
Further documents are listed in the continuation of Box C. See patent family annex.			
* Special categories of cited documents:  "T" later document published after the international filing date or prio date and not in conflict with the application but cited to understan-			
	document defining the general state of the art which is not considered to be principle or theory underlying the invention of particular relevance		tion.
"E" earlier ap	plication or patent published on or after the international filing date	"X" document of particular relevance; the c considered novel or cannot be considered when the document is taken alone	
	which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as	"Y" document of particular relevance; the considered to involve an inventive step	when the document is
"O" document referring to an oral disclosure, use, exhibition or other means		combined with one or more other such being obvious to a person skilled in the	
"P" document published prior to the international filing date but later than the "&" document member of the same patent family priority date claimed			amily
Date of the actual completion of the international search  Date of mailing of the international search report			ch report
27 September 2002 (27.09.2002) <b>27 MAR</b> 2003			
Name and mailing address of the ISA/US  Authorized officer			
Commissioner of Patents and Trademarks Box PCT Joseph Thomas			
Washington, D.C. 20231 Facsimile No. (703)305-3230 Telephone No. (703)308-1113			
Talshint 110. (105)505 5250			