(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 18 September 2003 (18.09.2003)

PCT

English

(10) International Publication Number WO 03/077054 A3

(51) International Patent Classification⁷: G06F 17/60

(21) International Application Number: PCT/US02/37852

(22) International Filing Date:

26 November 2002 (26.11.2002)

(25) Filing Language:

(26) Publication Language: English

(30) Priority Data:

60/333,888 28 November 2001 (28.11.2001) US

(71) Applicant: GOLDMAN, SACHS & CO. [US/US]; One New York Plaza, New York, NY 10004 (US).

(72) Inventor: LAWRENCE, David; 85 Broad Street, New York, NY 10004 (US).

(74) Agent: KINCART, Joseph, P.; Clifford Chance US LLP, 200 Park Avenue, New York, NY 10166 (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, SC, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW.

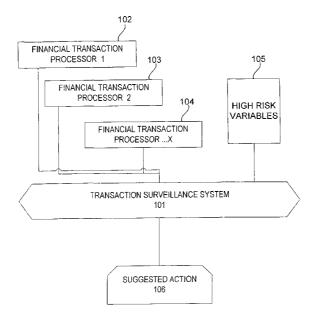
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 27 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: TRANSACTION SURVEILLANCE



(57) Abstract: The present invention provides methods and systems (101) that facilitate the prevention of money laundering by monitoring various facets of a financial transaction via automated test routines, and automatically generating an action to address a high risk transaction based upon the results of the monitoring. To implement the invention, a reference of high risk variables (105) can be compiled and data descriptive of a financial transaction can be monitored for one or more indications of high risk variables (105) according to predetermined criteria. Indications of high risk variables can be reported and one or more suggested actions (106) can be generated based upon the report.



O 03/077054 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/37852

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G06F 17/60 US CL : 705/38 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.: 705/38, 37, 39			
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) EAST: risk, management, high risk, money laundering, parameter, financial, transaction, entity.			
	UMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where a		Relevant to claim No.
X	US 5,819,226 A (GOPINATHAN et. al.) 06 Octob		1-26
X,P	Figs. 12-20; col. 2, lines 27-42; col. 29, lines 12-24. US 6,330,546 B1 (GOPINATHAN et. al.) 11 December 2001 (11.12.2001); see Abstract; Figs. 18-20; col. 2, lines 41-56; col. 27, lines 21-40.		1-26
X,E	US 2003/0074310 A1 (GROVIT et al.) 17 April 2003 (17.04.2003); Abstract; Fig.1-8; page 1, paragraphs 9 and 10; page 5, paragraph 48; pages 7-8, paragraphs 109-110.		1-26
A,P	US 2002/0138407 A1 (LAWRENCE et al.) 26 September 2002 (26.09.2002); see 1-26 Abstract; Figs. 3-4; page 3, paragraph 26.		
A	US 6,289,320 B1 (DRUMMOND et al.) 11 September 2001 (11.09.2001); see Abstract; col. 18, lines 23-36.		1-26
A,E	JP 02003050896 A (OMURA et al.) 21 February 2003 (21.02.2003); see Abstract. 1-26		
Further documents are listed in the continuation of Box C. See patent family annex.			
Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"X" "E" earlier application or patent published on or after the international filing date		"X" document of particular relevance; the considered novel or cannot be consider when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more officer such documents, such combination	
"O" document referring to an oral disclosure, use, exhibition or other means being obvious to a person skilled in the art			
"P" document published prior to the international filing date but later than the "&" document member of the same priority date claimed			
-		Date of mailing of the international search report 23 SEP 2003	
05 September 2003 (05.09.2003) Name and mailing address of the ISA/US Approxized officer			
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450		Vincent Millin Telephone No. 703-308-1113	
Facsimile No.			

Form PCT/ISA/210 (second sheet) (July 1998)