### (19) World Intellectual Property Organization

International Bureau



## 

# (43) International Publication Date 30 November 2006 (30.11.2006)

(10) International Publication Number WO 2006/127541 A3

(51) International Patent Classification: *G06Q 40/00* (2006.01)

(21) International Application Number:

PCT/US2006/019635

(22) International Filing Date: 18 May 2006 (18.05.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

11/136,928 25 May 2005 (25.05.2005) US

(71) Applicant and

(72) Inventor: SPARAGGIS, Panayotis, T. [US/US]; 240 East 27th Street, Apt. 18c, New York, NY 10016 (US).

(74) Agent: JOHNSON, John, M.; CARTER LEDYARD & MILBURN LLP, 2 Wall Street, New York, NY 10005 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN. CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

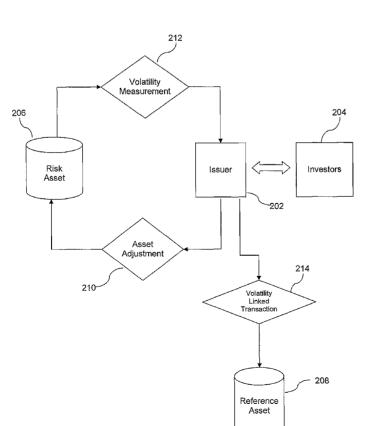
#### **Published:**

with international search report

(88) Date of publication of the international search report: 25 October 2007

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 RELATIVE-VOLATILITY LINKED PORTFOLIO ADJUSTMENT



(57) Abstract: A method of structuring a guaranteed financial product on a risk asset using a computer comprising: a) introducing a reference asset being another risk asset having a secondary derivative market which is better developed and more liquid than said secondary derivative market of said risk asset; b) analyzing and comparing the volatility level of said risk asset and of said reference asset over a predetermined time period; c) applying an asset adjustment when said volatility level of said risk asset exceeds a predetermined level defined by said volatility level of said reference asset; and d) removing said asset adjustment when said volatility level of said risk asset falls below said predetermined level defined by the volatility level attained in c).

#### INTERNATIONAL SEARCH REPORT

International application No. PCT/US 06/19635

A. CLASSIFICATION OF SUBJECT MATTER			
IPC (8): G06Q 40/00 (2007.01) USPC: 705/35			
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) USPC: 705/35			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 705/35 (see search terms below)			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
Electronic Databases Searched: USPTO WEST (PGPUB, USPT, EPAB, JPAB), Google, Thomson dialog. Search Terms Used: volatility, equity or fixed-income, risk adj asset, mutual or managed adj invest\$, guaranteed adj financial, transaction.			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.
Y	US 2002/0198801 A1 (Dixon et al.) 26 December 2002 (26.12.2002) entire document especially Abstract; Fig 2, 8-9; para [0005]; [0047]; [0049]; [0066]; [0067]; [0068]		1-32
Y	US 6,601,044 B1 (Wallman) 29 July 2003 (29.07.2003), entire document, especially col 9, In 43-65; col 25, In 18-54;		1-32
	·		
			•
		•	
Further documents are listed in the continuation of Box C.			
* 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			
to be of particular relevance		"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive	
"L" docume cited to	ent which may throw doubts on priority claim(s) or which is o establish the publication date of another citation or other reason (as specified)	step when the document is taken alone	claimed invention cannot be
"O" document referring to an oral disclosure, use, exhibition or other means		combined with one or more other such of being obvious to a person skilled in the	locuments, such combination
"P" document published prior to the international filing date but later than "&" the priority date claimed		"&" document member of the same patent i	family
Date of the actual completion of the international search  Date of		Date of mailing of the international search	ch report
24 June 2007 (24.06.2007)		03 AUG 2007	
	nailing address of the ISA/US	Authorized officer:	
Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450		Lee W. Young	
	0. 571-273-3201	PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774	

Form PCT/ISA/210 (second sheet) (April 2005)