(19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 30 October 2003 (30.10.2003)

PCT

(10) International Publication Number WO 2003/090032 A3

(51) International Patent Classification⁷:

(21) International Application Number: PCT/US2003/012201

G06F 17/60

(22) International Filing Date: 17 April 2003 (17.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:

10/125,894 19 April 2002 (19.04.2002) US 10/403,757 31 March 2003 (31.03.2003)

- (71) Applicant: TRADING TECHNOLOGIES INTERNA-TIONAL, INC. [US/US]; 222 S. Riverside Plaza, Suite 1100, Chicago, IL 60606 (US).
- (72) Inventors: KEMP, Gary, Allen, II; 335 Fairview Avenue, Winnetka, IL 60093 (US). SCHLUETTER, Jens-Uwe; 2320 Grey, Evanston, IL 60201 (US). BRUMFIELD, Harris; 1840 Cleveland, Chicago, IL 60614 (US). BURNS, Michael; 823 S. Oakley Blvd., Chicago, IL 60612 (US). WEST, Robert, A.; 1217 W. Hood #2, Chicago, IL 60660 (US). SINGER, Scott; 102 Pembroke Circle, Lake Bluff, IL 60044 (US).
- (74) Agent: SAMPSON, Matthew, J.; McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 S. Wacker Drive, Chicago, IL 60606 (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, 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, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, 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: 31 December 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: TRADING TOOLS FOR ELECTRONIC TRADING

(57) Abstract: Tools for trading and monitoring a commodity on an electronic exchange using a graphical user interface and a user input device. The tools will aid the trader in determining the status, trends in the market, and the trader's position in the market.

INTERNATIONAL SEARCH REPORT

I tional application No.
PCT/US03/12201

A. CLASSIFICATION OF SUBJECT MATTER	CLASSIFICATION OF SUBJECT MATTER		
IPC(7) :Please See Extra Sheet.			
US CL : 705/87 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. : 705/87			
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	appropriate, of the relevant passages Relevant to claim No.		
Y WO 01/16852 A2(FRIESEN et al) 30	O AUGUST 2000, Figure 3B. 1-58		
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 priority		
'A" document defining the general state of the art which is not considered to be of particular relevance	date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
E" earlier document published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step		
'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)	when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be		
'O" document referring to an oral disclosure, use, exhibition or other means	considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art		
P" document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family		
Date of the actual completion of the international search 21 SEPTEMBER 2008	Date of mailing of the international search report 21 OCT 2003		
Name and mailing address of the ISA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231	Authorized officer RICH WEISBERGER		
Facsimile No. (703) 305-3230	Telephone No. (708) 808-4408		

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US03/12201

A. CLASSIFICATION OF SUBJECT MATTER: IPC (7):		
G06F 17/60		
	,	
		· ·