

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 June 2002 (13.06.2002)

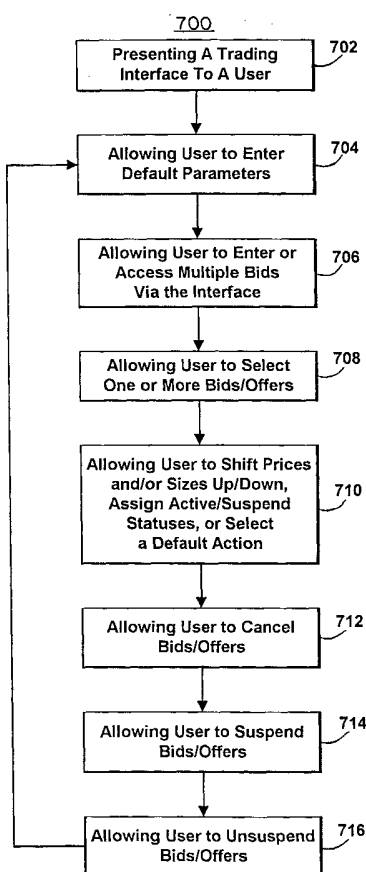
PCT

(10) International Publication Number
WO 02/046879 A3

- (51) International Patent Classification⁷: G06F 17/60
- (21) International Application Number: PCT/US01/47466
- (22) International Filing Date: 7 December 2001 (07.12.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/251,808 7 December 2000 (07.12.2000) US
09/858,091 15 May 2001 (15.05.2001) US
- (71) Applicant: ESPEED, INC. [US/US]; 135 E. 57th Street,
5th Floor, New York, NY 10022 (US).
- (72) Inventor: GILBERT, Andrew, C. (deceased).
- (74) Agents: ROGERS, Laurence, S.; Fish & Neave, 1251
Avenue of the Americas, New York, NY 10020 et al. (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, 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), 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:
13 February 2003

[Continued on next page]

(54) Title: SYSTEMS AND METHODS FOR SHIFTING BIDS AND OFFERS IN A TRADING INTERFACE



(57) Abstract: Systems and methods for shifting bids and/or offers in a trading interface are provided. Using these systems and methods, a trader may access various bid and/or offer data, adjust bid and/or offer data, adjust bid and/or offer statuses, and shift a plurality of bid and/or offer prices and sizes to accommodate for changes in a trading environment (7B). The trading interface may provide users with multiple bid and/or offer interaction. This may allow users to apply changes to a plurality of bids and/or offer simultaneously and provide time efficient bid and/or offer shifting. Furthermore, the trading interface may allow the user to access of import books from various trading applications.



WO 02/046879 A3



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.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/47466

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 17/60
 US CL : 705/37

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. : 705/35, 36, 37

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)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,674,044 A (KALMUS et al) 16 June 1987 (16.06.1987), see entire document.	1-56
Y	US 5,774,873 A (BERENT et al) 30 June 1998 (30.06.1998), see column 11, lines 1-41; column 12 1-41.	1
Y	US 6,006,201 A (BERENT et al) 21 December 1999 (21.12.1999), see abstract.	1
Y,P	US 6,278,982 B1 (KORHAMMER et al) 21 August 2001 (21.08.2001), see entire document.	1-56
Y,P	US 2001/0023414 A1 (KUMAR et al) 20 September 2001 (20.09.2001), see abstract	1

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 date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered 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 step when the document is taken alone
"E" earlier application or patent published on or after the international filing date	"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 other such documents, such combination being obvious to a person skilled in the art
"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)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

29 April 2002 (29.04.2002)

Date of mailing of the international search report

12 SEP 2002

Name and mailing address of the ISA/US

Commissioner of Patents and Trademarks
 Box PCT
 Washington, D.C. 20231

Facsimile No. (703)305-3230

Authorized Officer

Emanuel T Voeltz 

Telephone No. 703-305-3900

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/47466

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A,P	US 2001/0032163 A1 (FERTIK et al) 18 October 2001 (18.10.2001), see entire document.	1-56
Y,P	US 2001/0034688 A1 (ANNUNZIATA) 25 October 2001 (21.10.2001), see entire document.	1-56
Y,E	US 2001/0051907 A1 (KUMAR et al) 13 December 2001 (13.12.2001), see entire document.	1-56
Y,E	US 2002/0029180 A1 (KIRWIN et al) 07 March 2002 (07.03.2002), see entire document.	1-56

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/47466

Continuation of B. FIELDS SEARCHED Item 3:
USPAT

"Trading", "Multiple Bidding", "Bidding command", "Shifting", "Bidding Signal"