(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
22 September 2005 (22.09.2005)

PCT

(10) International Publication Number
WO 2005/086785 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/US2005/007463

(22) International Filing Date: 9 March 2005 (09.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/799,205 11 March 2004 (11.03.2004) US

(71) Applicant *(for all designated States except US)*: **E-XCHANGE ADVANTAGE CORPORATION** [US/US]; 51 East 42nd Street, Suite 602, New York, NY 10017 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **WAELBROECK, Henri** [BE/US]; 38A Claremonet Road, Scarsdale, NY 10583 (US). **FEDERSPIEL, Fred, J.** [US/US]; 12 Gerlach Place, Larchmont, NY 10538 (US). **LOPEZ, John, E.** [US/US]; 25 Burgundy Lane, Nesconset, NY 11767 (US).

(74) Agents: **UNDERWOOD, Steven, D.** et al.; Morgan Lewis & Bockius LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 20004 (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, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, 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, 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:
— *without international search report and to be republished upon receipt of that report*

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.

WO 2005/086785 A2

(54) Title: BLOCK TRADING SYSTEM AND METHOD PROVIDING PRICE IMPROVEMENT TO AGGRESSIVE ORDERS

(57) Abstract: The present invention comprises systems and methods for facilitation of electronic securities trading. A preferred system embodiment comprises a trade facilitation computer system comprising a facilitator module, a :financial information exchange server, a transactional database, and an analytics sever operative to calculate reference prices for securities. A preferred method embodiment comprises the steps of receiving market data for a security; calculating a reference price for the security; receiving a first order comprising a first price limit aid a first quantity limit; receiving a second order contra to the first order and comprising a second price limit and a second quantity limit; and executing a trade comprising the first order and the second order at a price whose difference from the reference price is minimized, wherein the trade complies with the first and second price and first and second quantity limits.