

GB2403571B 20051123
GB2403571A 20050105
GB0423207D0 20041124

(ENG) Trading tools for electronic trading

Assignee: TRADING TECHNOLOGIES INTERNAT US

[no drawing available]

Inventor(s): KEMP II GARY ALLEN US ; SCHLUETTER
JENS-UWE US ; BRUMFIELD HARRIS US ;
BURNS MICHAEL US ; WEST ROBERT A US ;
SINGER SCOTT US

Application No: GB 0423207 A

Filing Date: 20030417

Issue/Publication Date: 20051123

Abstract: (ENG) 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.

Priority Data: US 0312201 20030417 W W N; US 12589402 20020419 A Y; US 40375703 20030331 A Y;

IPC (International Class): G06Q03000; G06Q01000; G06Q04000; G06F01900

ECLA (European Class): G06Q04000B

National Classification:
--G4A AUXB UXB

Legal Status: There is no Legal Status information available for this patent

JP2004504652T 20040212

NotAvailable

Application No: JP 2001564025 T

[no drawing available]

Filing Date: 20010302

Issue/Publication Date: 20040212

Abstract: NotAvailable

Priority Data: US 0106792 20010302 W W; US 18632200 20000302 P; US 59069200 20000609 A;

IPC (International Class): G06F01760

ECLA (European Class): G06Q03000C4; G06Q04000B

Legal Status: There is no Legal Status information available for this patent



JP4125117B2 20080730
JP2004537769T 20041216**NotAvailable****Application No:** JP 2002533184 T

[no drawing available]

Filing Date: 20011005**Issue/Publication Date:** 20080730

Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuate. This allows the trader to trade quickly and efficiently. The price consolidation feature of the present invention, as described herein, enables a trader to consolidate a number of prices in order to condense the display. Such action allows a trader to view a greater range of prices and a greater number of orders in the market at any given time. By consolidating prices, and therefore orders, a trader reduces the risk of a favorable order scrolling from the screen prior to filling a bid or ask on that order at a favorable price.

Priority Data: US 23800100 20001006 P Y; US 0131222 20011005 W W N;**IPC (International Class):** G06Q04000; G06Q03000**ECLA (European Class):** G06Q04000B**Legal Status:** There is no Legal Status information available for this patent**JP2005523506T 20050804****NotAvailable****Application No:** JP 2003586709 T

[no drawing available]

Filing Date: 20030417**Issue/Publication Date:** 20050804**Abstract:** NotAvailable**Priority Data:** US 0312201 20030417 W W; US 12589402 20020419 A; US 40375703 20030331 A;**IPC (International Class):** G06F01760; G06F01900**ECLA (European Class):** G06Q04000B**Legal Status:** There is no Legal Status information available for this patent

JP2008112474A 20080515

(ENG) ELECTRONIC TRADING SYSTEM

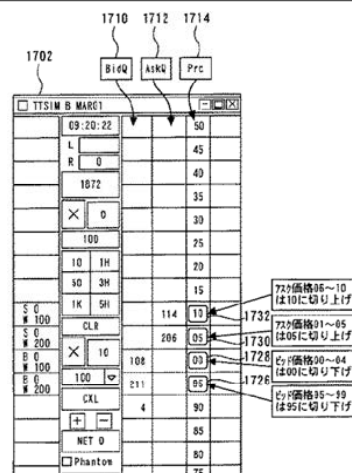
Assignee: TRADING TECHNOLOGIES INTERNATL

Inventor(s): KEMP GARY ALLAN JR ; BRUMFIELD HARRIS

Application No: JP 2008024113 A

Filing Date: 20080204

Issue/Publication Date: 20080515



Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuate. This allows the trader to trade quickly and efficiently. The price consolidation feature of the present invention, as described herein, enables a trader to consolidate a number of prices in order to condense the display. Such action allows a trader to view a greater range of prices and a greater number of orders in the market at any given time. By consolidating prices, and therefore orders, a trader reduces the risk of a favorable order scrolling from the screen prior to filling a bid or ask on that order at a favorable price.

Priority Data: US 23800100 20001006 P Y;

Related Application(s): 2002533184 20011005 JP

IPC (International Class): G06Q04000; G06Q03000

ECLA (European Class): G06Q04000B

Publication Language: JAP

Filing Language: JAP

Legal Status: There is no Legal Status information available for this patent



JP2008112475A 20080515

(ENG) ELECTRONIC TRADING SYSTEM

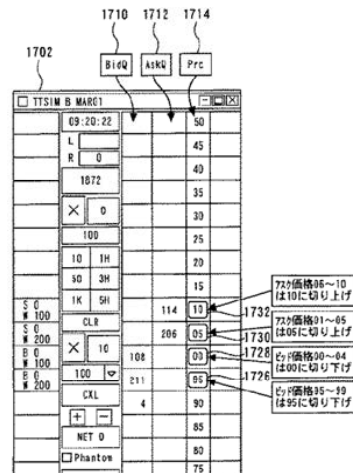
Assignee: TRADING TECHNOLOGIES INTERNATL

Inventor(s): KEMP GARY ALLAN JR ; BRUMFIELD HARRIS

Application No: JP 2008024114 A

Filing Date: 20080204

Issue/Publication Date: 20080515



Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuate. This allows the trader to trade quickly and efficiently. The price consolidation feature of the present invention, as described herein, enables a trader to consolidate a number of prices in order to condense the display. Such action allows a trader to view a greater range of prices and a greater number of orders in the market at any given time. By consolidating prices, and therefore orders, a trader reduces the risk of a favorable order scrolling from the screen prior to filling a bid or ask on that order at a favorable price.

Priority Data: US 23800100 20001006 P Y;

Related Application(s): 2002533184 20011005 JP

IPC (International Class): G06Q04000; G06Q03000

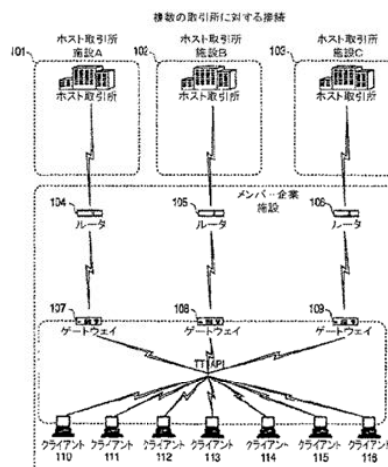
ECLA (European Class): G06Q04000B

Publication Language: JAP

Filing Language: JAP

Legal Status: There is no Legal Status information available for this patent



JP2009176312A 20090806**(ENG) TRADING TOOL FOR ELECTRONIC TRADING****Assignee:** TRADING TECHNOLOGIES INTERNATL**Inventor(s):** KEMP GARY ALLEN II ; SCHLUETTER
JENS-UWE ; BRUMFIELD HARRIS ; BURNS
MICHAEL ; WEST ROBERT A ; SINGER
SCOTT**Application No:** JP 2009070443 A**Filing Date:** 20090323**Issue/Publication Date:** 20090806**Abstract:** NotAvailable**Priority Data:** US 12589402 20020419 A Y; US 40375703 20030331 A N;**IPC (International Class):** G06Q04000; G06Q03000; G06F003048**Legal Status:** There is no Legal Status information available for this patent**KR20070116698A 20071210****(ENG) TRADING TOOLS FOR ELECTRONIC TRADING****Assignee:** TRADING TECH INT INC US**Inventor(s):** KEMP GARY ALLEN II US ; SCHLUETTER
JENS UWE DE ; BRUMFIELD HARRIS US ;
BURNS MICHAEL US ; WEST ROBERT A US ;
SINGER SCOTT US

[no drawing available]

Application No: KR 20077027218 A**Filing Date:** 20071122**Issue/Publication Date:** 20071210**Abstract:** (ENG) 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.**Priority Data:** US 12589402 20020419 A Y; US 40375703 20030331 A Y;**IPC (International Class):** G06Q03000; G06Q01000; G06Q04000; G06F01900**ECLA (European Class):** G06Q04000B**Legal Status:** There is no Legal Status information available for this patent

MXPA02008534A 20040514**(ENG) CLICK BASED TRADING WITH INTUITIVE GRID
DISPLAY OF MARKET DEPTH.****Assignee:** TRADING TECH INT INC US

[no drawing available]

Inventor(s): KEMP GARY ALLAN US**Application No:** MX PA02008534 A**Filing Date:** 20020830**Issue/Publication Date:** 20040514

Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The Mercury display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuates. This allows the trader to trade quickly and efficiently.

Priority Data: US 18632200 20000302 P Y; US 59069200 20000609 A Y; US 0106792 20010302 W W N;**IPC (International Class):** G06Q03000; G06F01700; G06Q04000**ECLA (European Class):** G06Q03000C4; G06Q04000B**Publication Language:** SPA**Legal Status:** There is no Legal Status information available for this patent**MXPA03003041A 20041206****(ENG) TRADING WITH DISPLAY OF MARKET DEPTH
AND PRICE.****Assignee:** TRADING TECH INT INC US

[no drawing available]

Inventor(s): KEMP GARY ALLAN II US**Application No:** MX PA03003041 A**Filing Date:** 20030407**Issue/Publication Date:** 20041206

Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The Mercury display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuate. This allows the trader to trade quickly and efficiently. The price consolidation feature of the present invention, as described herein, enables a trader to consolidate a number of prices in order to condense the display. Such action allows a trader to view a greater range of prices and a greater number of orders in the market at any given time. By consolidating prices, and therefore orders, a trader reduces the risk of a favorable order scrolling from the screen prior to filling a bid or ask on that order at a favorable price.



Priority Data: US 23800100 20001006 P Y; US 0131222 20011005 W W N;

IPC (International Class): G06Q03000; G06Q04000

ECLA (European Class): G06Q04000B

Publication Language: SPA

Legal Status: There is no Legal Status information available for this patent

MXPA04010321A 20051018

(ENG) TRADING TOOLS FOR ELECTRONIC TRADING.

Assignee: TRADING TECH INT INC US

[no drawing available]

Inventor(s): SCOTT SINGER US

Application No: MX PA04010321 A

Filing Date: 20041019

Issue/Publication Date: 20051018

Abstract: (ENG) 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.

Priority Data: US 12589402 20020419 A Y; US 40375703 20030331 A Y; US 0312201 20030417 W W N;

IPC (International Class): G06Q03000; G06Q01000; G06Q04000; G06F01900

ECLA (European Class): G06Q04000B

Publication Language: SPA

Legal Status: There is no Legal Status information available for this patent



PT1319211E 20050831

(POR) COMERCIO COM BASE NUM CLIQUE COM APRESENTACAO VISUAL INTUITIVA EM GRELHA DA PROFUNDIDADE DE MERCADO

[no drawing available]

Assignee: TRADING TECH INT INC US

Inventor(s): ALLAN KEMP GARY US ; JENS-UWE SCHLUETTER US ; HARRIS BRUMFIELD US

Application No: PT 01920183 T

Filing Date: 20010302

Issue/Publication Date: 20050831

Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuates. This allows the trader to trade quickly and efficiently.

Priority Data: US 18632200 20000302 P Y; US 59069200 20000609 A Y;

IPC (International Class): G06Q03000; G06F01700; G06Q04000

ECLA (European Class): G06Q03000C4; G06Q04000B

Publication Language: POR

Legal Status: There is no Legal Status information available for this patent

RU2292590C2 20070127

(ENG) TRADE WITH DISPLAY OF DEPTH AND PRICE OF MARKET

[no drawing available]

Assignee: TREHJDING TEKNOLODZHIZ INTERNE US

Inventor(s): KEMP GARI ALLAN II US ; BRUMFIELD GEHRRIS US

Application No: RU 2003109620 A

Filing Date: 20011005

Issue/Publication Date: 20070127

Abstract: FIELD: method and system for electronic trade. ^ SUBSTANCE: in the method deals are made by displaying depth of market on vertical or horizontal plane, while depth of market oscillates logically upwardly or downwardly, to left or right along the plane with oscillation of market prices. This allows the trader to trade quickly and efficiently. Sign of price consolidation allows consolidation of several prices, to compress the display. Such operation allows the trader to see large range of prices and large number of market regulations at any given time. By means of price consolidation and resulting regulations trader decreases risk of loss of favorable regulation from display before realization of buyer proposition or seller proposition for this regulation for favorable price. ^ EFFECT: decreased time needed to finalize a deal during electronic trade at market. ^ 2 cl, 21 dwg



Priority Data: US 23800100 20001006 P;

IPC (International Class): G06Q03000; G06Q04000

ECLA (European Class): G06Q04000B

Publication Language: RUS

Legal Status: There is no Legal Status information available for this patent

RU2292590C2 20070127

(ENG) TRADE WITH DISPLAY OF DEPTH AND PRICE OF MARKET

Assignee: TREHJDING TEKNOLODZHIZ INTERNE US [no drawing available]

Inventor(s): KEMP GARI ALLAN II US ; BRUMFIELD
GEHRRIS US

Application No: RU 2003109620 A

Filing Date: 20011005

Issue/Publication Date: 20070127

Abstract: FIELD: method and system for electronic trade. ^ SUBSTANCE: in the method deals are made by displaying depth of market on vertical or horizontal plane, while depth of market oscillates logically upwardly or downwardly, to left or right along the plane with oscillation of market prices. This allows the trader to trade quickly and efficiently. Sign of price consolidation allows consolidation of several prices, to compress the display. Such operation allows the trader to see large range of prices and large number of market regulations at any given time. By means of price consolidation and resulting regulations trader decreases risk of loss of favorable regulation from display before realization of buyer proposition or seller proposition for this regulation for favorable price. ^ EFFECT: decreased time needed to finalize a deal during electronic trade at market. ^ 2 cl, 21 dwg

Priority Data: US 23800100 20001006 P;

IPC (International Class): G06Q03000; G06Q04000

ECLA (European Class): G06Q04000B

Publication Language: RUS

Legal Status: There is no Legal Status information available for this patent

SG152027A1 20090529**(ENG) CLICK BASED TRADING WITH INTUITIVE GRID
DISPLAY OF MARKET DEPTH****Assignee:** TRADING TECH INT INC

[no drawing available]

Inventor(s): KEMP GARY ALLAN ; SCHLUETTER
JENS-UWE ; BRUMFIELD HARRIS**Application No:** SG 200405020 A**Filing Date:** 20010302**Issue/Publication Date:** 20090529

Abstract: (ENG) An order entry device receives commands to send trade orders to an electronic exchange. It has an interface for receiving data from the electronic exchange, trade order parameter setting means, a common field of static prices, an indicator for the current highest bid, and another indicator for the lowest ask price. The indicators move when the inside market changes. The device also has an order entry region that sends an order message to the exchange based on the trade order parameter and a selected price level.

Priority Data: US 18632200 20000302 P Y; US 59069200 20000609 A Y;**IPC (International Class):** G06Q03000; G06F01700; G06Q04000**ECLA (European Class):** G06Q03000C4; G06Q04000B**Legal Status:** There is no Legal Status information available for this patent**SG149683A1 20090227****(ENG) TRADING WITH DISPLAY OF MARKET DEPTH
AND PRICE****Assignee:** TRADING TECH INT INC

[no drawing available]

Inventor(s): KEMP GARY ALLAN II ; BRUMFIELD
HARRIS**Application No:** SG 200504224 A**Filing Date:** 20011005**Issue/Publication Date:** 20090227

Abstract: (ENG) Trading With Display Of Market Depth And Price A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuate. This allows the trader to trade quickly and efficiently. The price consolidation feature of the present invention, as described herein, enables a trader to consolidate a number of prices in order to condense the display. Such action allows a trader to view a greater range of prices and a greater number of orders in the market at any given time. By consolidating prices, and therefore orders, a trader reduces the risk of a favorable order scrolling from the screen prior to filling a bid or ask on that order at a favorable price.



Priority Data: US 23800100 20001006 P Y; US 0131222 20011005 W W N;

IPC (International Class): G06Q03000; G06Q04000

ECLA (European Class): G06Q04000B

Legal Status: There is no Legal Status information available for this patent

WO2001065403A8 20030320

WO2001065403A2 20010907

**(ENG) CLICK BASED TRADING WITH INTUITIVE GRID
DISPLAY OF MARKET DEPTH**

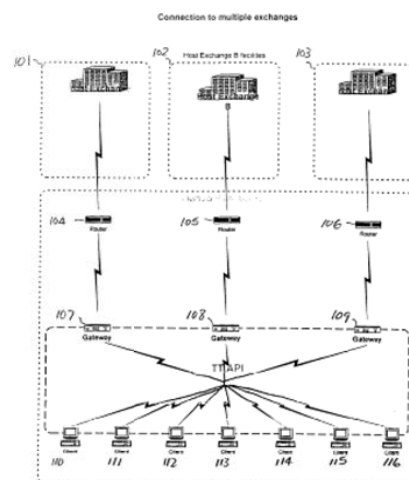
Assignee: TRADING TECH INT INC US

Inventor(s): KEMP GARY ALLAN US ; SCHLUETTER
JENS-UWE US ; BRUMFIELD HARRIS US

Application No: US 0106792 W

Filing Date: 20010302

Issue/Publication Date: 20030320



Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuates. This allows the trader to trade quickly and efficiently.

Priority Data: US 18632200 20000302 P Y; US 59069200 20000609 A Y;

IPC (International Class): G06Q03000; G06F01700; G06Q04000

ECLA (European Class): G06Q03000C4; G06Q04000B

Designated Countries:

---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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW :: (ARIPO) AP GH GM KE LS MW MZ SD SL SZ TZ UG ZW
---Regional Treaties: (EAPO) EA AM AZ BY KG KZ MD RU TJ TM
---EPO Extension States: (EPO) EP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
---Elected States (PCT): (OAPI) OA BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

Publication Language: ENG

Filing Language: ENG

Legal Status:

Date	+/-	Code	Description
20010907	(+)	AK	DESIGNATED STATES Kind code of corresponding patent document: A2; List of designated states: AE AG AL AM AT AU



Patent No.	Legal Status	Country Code	Description
20010907	(+)	AL	AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW; DESIGNATED COUNTRIES FOR REGIONAL PATENTS Kind code of corresponding patent document: A2; List of designated states: GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG;
20010907	()	ENP	ENTRY INTO THE NATIONAL PHASE IN: Corresponding country code for PRS Code (EP REG): GB; Corresponding patent document: 0219306; Kind code of corresponding patent document: A; ; PCT FILING DATE = 20010302;
20011031	()	121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION
20011227	()	DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED BEFORE 20040101)
20020819	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 2001920183; Country code of corresponding patent document: EP;
20020828	()	ENP	ENTRY INTO THE NATIONAL PHASE IN: Corresponding patent document: 2401664; Country code of corresponding patent document: CA; Kind code of corresponding patent document: A;
20020828	()	ENP	ENTRY INTO THE NATIONAL PHASE IN: Corresponding patent document: 2401664; Country code of corresponding patent document: CA; Kind code of corresponding patent document: A;
20020828	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 2401664; Country code of corresponding patent document: CA;
20020829	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 2001247262; Country code of corresponding patent document: AU;
20020830	()	ENP	ENTRY INTO THE NATIONAL PHASE IN: Corresponding country code for PRS Code (EP REG): JP; Corresponding patent document: 2001 564025; Kind code of corresponding patent document: A;
20020830	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 1020027011423; Country code of corresponding patent document: KR;
20020928	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 018074162; Country code of corresponding patent document: CN;
20021002	()	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN: Corresponding country code for PRS Code (EP REG): RU;
20021002	()	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN: Corresponding country code for PRS Code (EP REG): RU;
20030129	(+)	WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE Corresponding patent document: 1020027011423; Country code of corresponding patent document: KR;



20030220	()	REG	REFERENCE TO NATIONAL CODE Corresponding country code for PRS Code (EP REG): DE; Corresponding EP Code 1 for PRS Code (EP REG): 8642;
20030320	()	D17	DECLARATION UNDER ARTICLE 17(2)A ..LSTS : 20030618
20050413	(+)	WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE Corresponding patent document: 2001920183; Country code of corresponding patent document: EP;

WO2002029686A1 20020411**(ENG) TRADING WITH DISPLAY OF MARKET DEPTH AND PRICE****Assignee:** KEMP GARY ALLAN II US

[no drawing available]

Inventor(s): KEMP GARY ALLAN II US ; BRUMFIELD HARRIS US**Application No:** US 0131222 W**Filing Date:** 20011005**Issue/Publication Date:** 20020411

Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuate. This allows the trader to trade quickly and efficiently. The price consolidation feature of the present invention, as described herein, enables a trader to consolidate a number of prices in order to condense the display. Such action allows a trader to view a greater range of prices and a greater number of orders in the market at any given time. By consolidating prices, and therefore orders, a trader reduces the risk of a favorable order scrolling from the screen prior to filling a bid or ask on that order at a favorable price.

Priority Data: US 23800100 20001006 P Y;**IPC (International Class):** G06Q03000; G06Q04000**ECLA (European Class):** G06Q04000B**Designated Countries:**

----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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW ::: (ARIPO) AP GH GM KE LS MW MZ SD SL SZ TZ UG ZW
 ----Regional Treaties: (EAPO) EA AM AZ BY KG KZ MD RU TJ TM
 ----EPO Extension States: (EPO) EP AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
 ----Elected States (PCT): (OAPI) OA BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

Publication Language: ENG**Filing Language:** ENG**Agent(s):** ELLIS, William, T. Foley & Lardner, Suite 500, 3000 K Street, N. W., Washington, DC 20007-5109, US US

Legal Status:

Date	+/-	Code	Description
20020411	(+)	AK	DESIGNATED STATES Kind code of corresponding patent document: A1; List of designated states: 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 PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW;
20020411	(+)	AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS Kind code of corresponding patent document: A1; List of designated states: GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG;
20021017	()	DFPE	REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE (PCT APPLICATION FILED BEFORE 20040101)
20021023	()	121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION
20030403	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 2001977522; Country code of corresponding patent document: EP;
20030404	()	ENP	ENTRY INTO THE NATIONAL PHASE IN: Corresponding patent document: 2002533184; Country code of corresponding patent document: JP; Kind code of corresponding patent document: A;
20030404	()	ENP	ENTRY INTO THE NATIONAL PHASE IN: Corresponding patent document: 2003109620; Country code of corresponding patent document: RU; Kind code of corresponding patent document: A;
20030404	()	ENP	ENTRY INTO THE NATIONAL PHASE IN: Country code of corresponding patent document: RU; Kind code of corresponding patent document: A;
20030404	()	ENP	ENTRY INTO THE NATIONAL PHASE IN: Corresponding patent document: 2425107; Country code of corresponding patent document: CA; Kind code of corresponding patent document: A;
20030404	()	ENP	ENTRY INTO THE NATIONAL PHASE IN: Corresponding patent document: 2002533184; Country code of corresponding patent document: JP; Kind code of corresponding patent document: A;
20030404	()	ENP	ENTRY INTO THE NATIONAL PHASE IN: Corresponding patent document: 2425107; Country code of corresponding patent document: CA; Kind code of corresponding patent document: A;
20030404	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 2001296635; Country code of corresponding patent document: AU;
20030404	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 2425107; Country code of corresponding patent document: CA;
20030404	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 2002533184; Country code of corresponding patent document: JP;



20030407	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 1020037004928; Country code of corresponding patent document: KR;
20030506	()	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN: Corresponding country code for PRS Code (EP REG): RU;
20030506	()	NENP	NON-ENTRY INTO THE NATIONAL PHASE IN: Corresponding country code for PRS Code (EP REG): RU;
20030516	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 018190391; Country code of corresponding patent document: CN;
20030728	(+)	WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE Corresponding patent document: 1020037004928; Country code of corresponding patent document: KR;
20030806	(+)	WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE Corresponding patent document: 2001977522; Country code of corresponding patent document: EP;
20030814	()	REG	REFERENCE TO NATIONAL CODE Corresponding country code for PRS Code (EP REG): DE; Corresponding EP Code 1 for PRS Code (EP REG): 8642;

WO2003090032A3 20031231
WO2003090032A2 20031030

(ENG) TRADING TOOLS FOR ELECTRONIC TRADING

Assignee: TRADING TECH INT INC US

[no drawing available]

Inventor(s): KEMP GARY ALLEN II ; SCHLUETTER
JENS-UWE ; BRUMFIELD HARRIS ; BURNS
MICHAEL ; WEST ROBERT A ; SINGER
SCOTT

Application No: US 0312201 W

Filing Date: 20030417

Issue/Publication Date: 20031231

Abstract: (ENG) 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.

Priority Data: US 12589402 20020419 A Y; US 40375703 20030331 A Y;

IPC (International Class): G06Q03000; G06Q01000; G06Q04000; G06F01900

ECLA (European Class): G06Q04000B

Designated Countries:

----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 ::: (ARIPO) AP GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW

----Regional Treaties: (EAPO) EA AM AZ BY KG KZ MD RU TJ TM



----EPO Extension States: (EPO) EP 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

----Elected States (PCT): (OAPI) OA BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

Publication Language: ENG

Filing Language: ENG

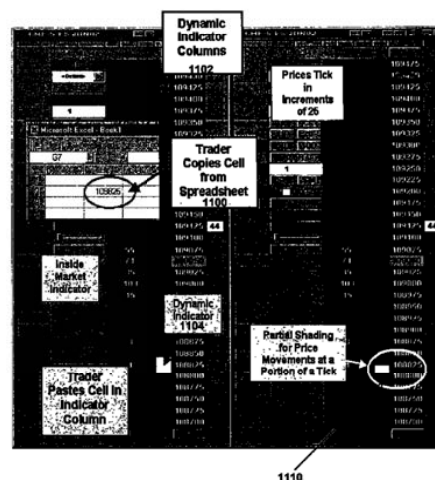
Agent(s): SAMPSON, Matthew, J. McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 S. Wacker Drive, Chicago, IL 60606, US US

Legal Status:

Date	+/-	Code	Description
20031030	(+)	AK	DESIGNATED STATES Kind code of corresponding patent document: A2; List of designated states: 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;
20031030	(+)	AL	DESIGNATED COUNTRIES FOR REGIONAL PATENTS Kind code of corresponding patent document: A2; List of designated states: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW AM AZ BY KG KZ MD RU TJ TM 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 BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG;
20031030	()	ENP	ENTRY INTO THE NATIONAL PHASE IN: Corresponding patent document: 0423207; Country code of corresponding patent document: GB; Kind code of corresponding patent document: A; ; PCT FILING DATE = 20030417;
20040102	()	121	EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION
20041018	()	ENP	ENTRY INTO THE NATIONAL PHASE IN: Corresponding patent document: 2003586709; Country code of corresponding patent document: JP; Kind code of corresponding patent document: A;
20041018	()	ENP	ENTRY INTO THE NATIONAL PHASE IN: Corresponding patent document: 2003586709; Country code of corresponding patent document: JP; Kind code of corresponding patent document: A;
20041018	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 2003586709; Country code of corresponding patent document: JP;
20041018	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 2003726366; Country code of corresponding patent document: EP;
20041019	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 1020047016804; Country code of corresponding patent document: KR;
20041027	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 2003228606; Country code of corresponding patent document: AU;
20041213	(+)	WWE	WIPO INFORMATION: ENTRY INTO NATIONAL PHASE Corresponding patent document: 20038136465; Country code of corresponding patent document: CN;



20050118	(+)	WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE Corresponding patent document: 1020047016804; Country code of corresponding patent document: KR;
20050119	(+)	WWP	WIPO INFORMATION: PUBLISHED IN NATIONAL OFFICE Corresponding patent document: 2003726366; Country code of corresponding patent document: EP;
20070920	(+)	WWG	WIPO INFORMATION: GRANT IN NATIONAL OFFICE Corresponding patent document: 2003228606; Country code of corresponding patent document: AU;

US7389268B1 20080617**(ENG) Trading tools for electronic trading****Assignee:** TRADING TECH INT INC US**Inventor(s):** KEMP II GARY ALLAN US ; SCHLUETTER JENS-UWE US ; BRUMFIELD HARRIS US ; BURNS MICHAEL US ; SINGER SCOTT US**Application No:** US 12589402 A**Filing Date:** 20020419**Issue/Publication Date:** 20080617

Abstract: (ENG) 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. Included is a system and method for displaying an indicator representing market information for a commodity in a display region of a graphical user interface. The system and method further includes linking a software application configured for computing a specific price to a second display region of the graphical user interface, and displaying a second indicator in a second display region of the graphical user interface. The second indicator moves relative to the price axis when the specific price changes.

Priority Data: US 12589402 20020419 A Y; US 97108701 20011005 A 2 Y; US 59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 18632200 20000302 P Y; US 23800100 20001006 P Y; US 32555301 20011001 P Y;

Related Application(s): 60/186322 20000302 US; 60/238001 20001006 US; 60/325553 20011001 US; 09/971087 20011005 7127424 US; 09/590692 20000609 6772132 US; 09/589751 20000609 6938011 US

IPC (International Class): G06Q04000; G06Q03000**ECLA (European Class):** G06Q03000C4; G06Q04000B**US Class:** 705039; 705037**Publication Language:** ENG**Filing Language:** ENG**Agent(s):** McDonnell Boehnen Hulbert & Berghoff LLP

Examiner Primary: Trammell, James P.

Examiner Assistant: Greene, Daniel L

Assignments Reported to USPTO:

Reel/Frame: 14075/0430 **Date Signed:** 20030508 **Date Recorded:** 20030519

Assignee: TRADING TECHNOLOGIES INTERNATIONAL, INC. 222 SOUTH RIVERSIDE PLAZA,
SUITE 1100 CHICAGO ILLINOIS 60606

Assignor: KEMP, GARY ALLAN, II; SCHLUETTER, JENS-UWE; BRUMFIELD, HARRIS; BURNS, MICHAEL; SINGER, SC
MICHAEL; SINGER, SCOTT

Corres. Addr: MCDONNELL, BOEHNEN, HULBERT & BERGHOFF BRIAN R. HARRIS 300 SOUTH
WACKER DRIVE, SUITE 3200 CHICAGO, IL 60606

Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Legal Status:

Date	+/-	Code	Description
20030519	()	AS	New owner name: TRADING TECHNOLOGIES INTERNATIONAL, INC., ILLINOIS; : ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KEMP, GARY ALLAN, II;SCHLUETTER, JENS-UWE;BRUMFIELD, HARRIS;AND OTHERS;REEL/FRAME:014075/0430;SIGNING DATES FROM 20030508 TO 20030512;

WO2004079520A3 20060615

WO2004079520A2 20040916

(ENG) A SYSTEM AND METHOD FOR TRADING AND DISPLAYING MARKET INFORMATION IN AN ELECTRONIC TRADING ENVIRONMENT

[no drawing available]

Assignee: TRADING TECH INT INC US

Inventor(s): BRUMFIELD HARRIS US ; BORSAND STEVEN F US ; TRIPLETT MARK W US

Application No: US 2004005911 W

Filing Date: 20040227

Issue/Publication Date: 20060615

Abstract: (ENG) A system and method for trading and displaying market information along a static axis are described to ensure fast and accurate execution of trades. The static axis, whether is a straight axis or a curved one, can be oriented in any direction. Regardless of how the axis is oriented, a first region may display price levels that are arranged along the static axis. A second region, which overlaps the first region, may display one or more indicators for highlighting one of the price levels associated with the lowest offer and one of the price levels associated with the highest bid. Moreover, a third region, which overlaps the first region, may be included for initiating placement of an order to buy or an order to sell the tradeable object through an action of a user input device. Other overlapping regions may also be displayed so that additional market information may be viewed by a trader.

Priority Data: US 37641703 20030228 A 2 Y;



IPC (International Class): G06F00314; G06F00100; G06Q04000

ECLA (European Class): G06Q04000B

Designated Countries:

---Designated States: (national) 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW ::: (ARIPO) AP BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

---Regional Treaties: (EAPO) EA AM AZ BY KG KZ MD RU TJ TM

---EPO Extension States: (EPO) EP 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

---Elected States (PCT): (OAPI) OA BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

Publication Language: ENG

Filing Language: ENG

Agent(s): HARRIS, Brian, R. McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606, US US

Legal Status: There is no Legal Status information available for this patent

US2003023542A1 20030130

(ENG) Click based trading with intuitive grid display of market depth

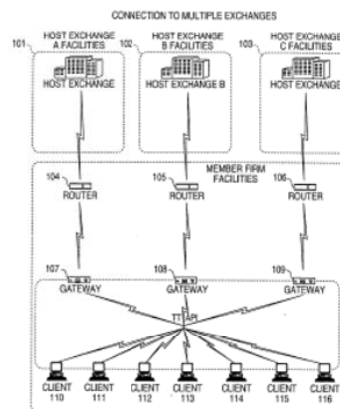
Assignee: TRADING TECH INT INC US

Inventor(s): KEMP GARY ALLAN US ; SCHLUETTER JENS-UWE US ; BRUMFIELD HARRIS US

Application No: US 23713102 A

Filing Date: 20020909

Issue/Publication Date: 20030130



Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuates. This allows the trader to trade quickly and efficiently.

Priority Data: US 23713102 20020909 A N; US 59069200 20000609 A 1 Y; US 18632200 20000302 P Y;

Related Application(s): 60/186322 20000302; 09/590692 20000609

IPC (International Class): G06Q03000; G06F01700; G06Q04000

ECLA (European Class): G06Q03000C4; G06Q04000B

US Class: 705037

Legal Status: There is no Legal Status information available for this patent



US7228289B2 20070605
US2004117292A1 20040617

(ENG) System and method for trading and displaying market information in an electronic trading environment

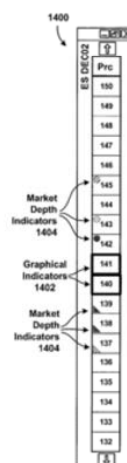
Assignee: TRADING TECH INT INC US

Inventor(s): BRUMFIELD HARRIS C US ; BORSAND STEVEN F US ; TRIPLETT MARK W US

Application No: US 37641703 A

Filing Date: 20030228

Issue/Publication Date: 20070605



Abstract: (ENG) A system and method for trading and displaying market information along a static axis are described to ensure fast and accurate execution of trades. The static axis, whether is a straight axis or a curved one, can be oriented in any direction. Regardless of how the axis is oriented, a first region may display price levels that are arranged along the static axis. A second region, which overlaps the first region, may display one or more indicators for highlighting one of the price levels associated with the lowest offer and one of the price levels associated with the highest bid. Moreover, a third region, which overlaps the first region, may be included for initiating placement of an order to buy or an order to sell the tradeable object through an action of a user input device. Other overlapping regions may also be displayed so that additional market information may be viewed by a trader.

Priority Data: US 37641703 20030228 A N; US 59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 97108701 20011005 A 2 Y; US 12589402 20020419 A 2 Y; US 18632200 20000302 P Y; US 23800100 20001006 P Y;

Related Application(s): 60/238001 20001006 US; 60/186322 20000302 US; 09/971087 20011005 7127424 US; 09/590692 20000609 6772132 US; 09/589751 20000609 6938011 US; 10/376417 00010101 US PENDING; 10/125894 20020419 US PENDING; 09/590692 20000609 US PENDING; 10/376417 00010101 US PENDING; 10/125894 00010101 US PENDING; 09/589751 00010101 US PENDING; 10/376417 00010101 US PENDING; 10/125894 00010101 US PENDING; 10/971087 00010101 US PENDING

IPC (International Class): G06Q04000

ECLA (European Class): G06Q04000B

US Class: 705035; 3454402; 705037

Publication Language: ENG

Filing Language: ENG

Agent(s): McDonnell Boehnen Hulbert & Berghoff LLP

Examiner Primary: Weisberger, Richard

US Post Issuance:

--US Certificate of Correction: 20080108 20080129 a Certificate of Correction was issued for this patent

Assignments Reported to USPTO:

Reel/Frame: 13836/0850 **Date Signed:** 20030228 **Date Recorded:** 20030228



Assignee: TRADING TECHNOLOGIES INTERNATIONAL, INC. 222 SOUTH RIVERSIDE PLAZA
SUTIE 1100 CHICAGO ILLINOIS 60606

Assignor: BRUMFIELD, HARRIS; BORSAND, STEVEN F.; TRIPLETT, MARK W.

Corres. Addr: MCDONNELL, BOEHNEN, HULBERT, ET AL. BRIAN R. HARRIS 300 SOUTH
WACKER DRIVE SUITE 3200 CHICAGO, IL 60606

Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Legal Status:

Date	+/-	Code	Description
20030228	()	AS	New owner name: TRADING TECHNOLOGIES INTERNATIONAL, INC., ILLINOIS; : ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:BRUMFIELD, HARRIS;BORSAND, STEVEN F.;TRIPLETT, MARK W.;REEL/FRAME:013836/0850; Effective date: 20030228;
20080108	()	CC	CERTIFICATE OF CORRECTION

US2006167781A1 20060727

(ENG) Click based trading with intuitive grid display of market depth and price consolidation

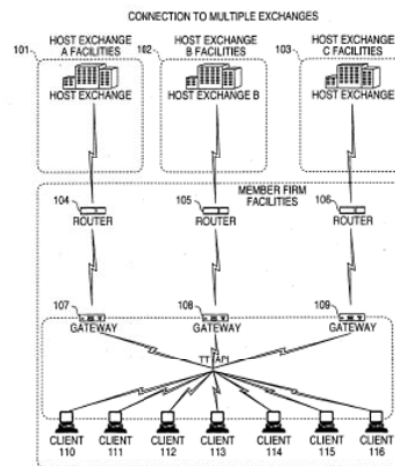
Assignee: TRADING TECH INT INC

Inventor(s): KEMP GARY A II US ; BRUMFIELD HARRIS US

Application No: US 38901806 A

Filing Date: 20060327

Issue/Publication Date: 20060727



Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuate. This allows the trader to trade quickly and efficiently. The price consolidation feature of the present invention, as described herein, enables a trader to consolidate a number of prices in order to condense the display. Such action allows a trader to view a greater range of prices and a greater number of orders in the market at any given time. By consolidating prices, and therefore orders, a trader reduces the risk of a favorable order scrolling from the screen prior to filling a bid or ask on that order at a favorable price.

Priority Data: US 38901806 20060327 A N; US 97108701 20011005 A 1 Y; US 59069200 20000609 A 2 Y; US 23800100 20001006 P Y; US 18632200 20000302 P Y;

Related Application(s): 60/238001 20001006 US; 60/186322 20000302 US; 09/971087 20011005 US PENDING; 09/590692 20000609 6772132 US GRANTED



IPC (International Class): G06Q04000

ECLA (European Class): G06Q04000B

US Class: 705035; 705037

Publication Language: ENG

Filing Language: ENG

Assignments Reported to USPTO:

Reel/Frame: 23004/0495 **Date Signed:** 20030307 **Date Recorded:** 20090724

Assignee: TRADING TECHNOLOGIES INTERNATIONAL, INC. 222 SOUTH RIVERSIDE PLAZA
SUITE 1100 CHICAGO ILLINOIS 60606

Assignor: KEMP, II, GARY ALLAN; BRUMFIELD, HARRIS

Corres. Addr: MBHB/TRADING TECHNOLOGIES 300 SOUTH WACKER DRIVE SUITE 3200
CHICAGO, IL 60606

Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Legal Status:

Date	+/-	Code	Description
20090724	()	AS	New owner name: TRADING TECHNOLOGIES INTERNATIONAL, INC., ILLINOI; : ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KEMP, II, GARY ALLAN;BRUMFIELD, HARRIS;REEL/FRAME:023004/0495; Effective date: 20030307;

US7562038B1 20090714

(ENG) System and method for group positioning of market information in a graphical user interface

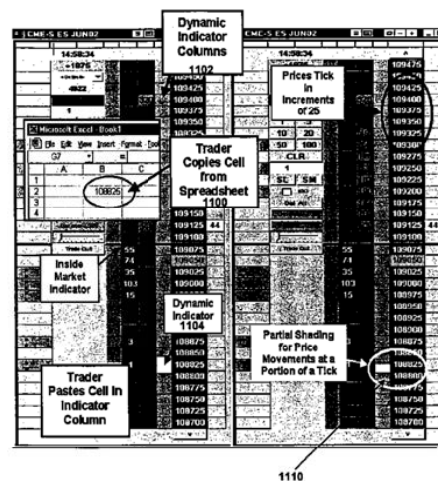
Assignee: TRADING TECH INT INC US

Inventor(s): BRUMFIELD HARRIS US ; WEST ROBERT A US

Application No: US 40375703 A

Filing Date: 20030331

Issue/Publication Date: 20090714



Abstract: (ENG) A method for repositioning information related to a plurality of commodities on a graphical user interface is provided. The method includes receiving market information relating to a first commodity and a second commodity. The market information includes a number of items of interest, each of which may be associated with a price. A first information display region associated with the first commodity and including a number of locations arranged such that each location corresponds to a price level along at least a portion of a first static price axis is displayed at a first time. A second similar information display region associated with the second commodity is also displayed at that time. Indicators associated with items of interest related to the first commodity and the second commodity are displayed



in the first information display region and the second information display region, respectively. The method includes receiving a command to reposition one of the information display regions. In response to the repositioning command, the indicators representing market information are moved to new locations in the first and second information display regions. More than two information display region may alternatively be utilized and positioned in this manner.

Priority Data: US 40375703 20030331 A N; US 12589402 20020419 A 1 Y; US 97108701 20011005 A 2 Y; US 59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 18632200 20000302 P Y; US 23800100 20001006 P Y; US 32555301 20011001 P Y;

Related Application(s): 60/186322 20000302 US; 60/238001 20001006 US; 60/325553 20011001 US; 10/125894 20020419 7389268 US; 09/971087 20011005 7127424 US; 09/590692 20000609 6772132 US; 09/589751 20000609 6938011 US

IPC (International Class): G06Q04000; G06Q03000

ECLA (European Class): G06Q03000C4; G06Q04000B

US Class: 705035; 705036; 705037G

Publication Language: ENG

Filing Language: ENG

Agent(s): McDonnell Boehnen Hulbert & Berghoff LLP

Examiner Primary: Weisberger, Richard C

Assignments Reported to USPTO:

Reel/Frame: 13934/0609 **Date Signed:** 20030331 **Date Recorded:** 20030331

Assignee: TRADING TECHNOLOGIES INTERNATIONAL, INC. 222 S. RIVERSIDE PLAZA SUITE 1100 CHICAGO ILLINOIS 60606

Assignor: BRUMFIELD, HARRIS C.

Corres. Addr: MCDONNELL BOEHNEN ET AL. MATTHEW J. SAMPSON 300 SOUTH WACKER DRIVE 32ND FLOOR CHICAGO, IL 60606

Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Reel/Frame: 13934/0627 **Date Signed:** 20030331 **Date Recorded:** 20030331

Assignee: TRADING TECHNOLOGIES INTERNATIONAL, INC. 222 S. RIVERSIDE PLAZA, SUITE 1100 CHICAGO ILLINOIS 60606

Assignor: WEST, ROBERT A.

Corres. Addr: MCDONNELL, BOEHNEN, HULBERT & BERGHOFF MATTHEW J. SAMPSON 300 SOUTH WACKER DRIVE - 32ND FLOOR CHICAGO, ILLINOIS 60606

Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Legal Status: There is no Legal Status information available for this patent



US7447655B2 20081104
US2005262003A1 20051124

(ENG) System and method for automatic scalping of a tradeable object in an electronic trading environment

Assignee: TRADING TECH INT INC US

Inventor(s): BRUMFIELD HARRIS US ; EBERSOLE JOAN US ; PAZNER ASSAF US

Application No: US 40387903 A

Filing Date: 20030331

Issue/Publication Date: 20081104

Bid Qty	Ask Qty	Price
202	204	208
		99
		98
		97
		96
		95
	400	94
	120	93
	180	92
	120	91
150		90
100		89
150		88
25		87
		86

Abstract: (ENG) A system and methods for automatic scalping in an electronic trading environment are presented. According to one embodiment, a trading application may display an indicator associated with a price level based on which a tradable object can be automatically traded. When a scalping application detects a fill associated with a first order, the scalping application may automatically enter a second order to offset a position created with the first order. According to one embodiment, the second order is automatically placed on the market when the inside market moves to a predetermined price level in relation to the displayed indicator.

Priority Data: US 40387903 20030331 A N; US 12589402 20020419 A 2 Y; US 97108701 20011005 A 2 Y; US 59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 23800100 20001006 P Y; US 18632200 20000302 P Y; US 32555301 20011001 P Y;

IPC (International Class): G06Q04000; G06Q03000

ECLA (European Class): G06Q03000C4; G06Q04000B

Publication Language: ENG

Legal Status:

Date	+/-	Code	Description
20030331	()	AS	New owner name: TRADING TECHNOLOGIES INTERNATIONAL, INC., ILLINOIS; : ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:BRUMFIELD, HARRIS C.;REEL/FRAME:013931/0853; Effective date: 20030331;
20030331	()	AS	New owner name: TRADING TECHNOLOGIES INTERNATIONAL, INC., ILLINOIS; : ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:EBERSOLE, JOAN;PAZNER, ASSAF;REEL/FRAME:013938/0868; Effective date: 20030331;



US7567929B2 20090728
US2006195387A1 20060831

(ENG) Click based trading with intuitive grid display of market depth and price consolidation

Assignee: TRADING TECH INT INC US

Inventor(s): KEMP II GARY ALLAN US ; BRUMFIELD HARRIS US

Application No: US 41516106 A

Filing Date: 20060502

Issue/Publication Date: 20090728



Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuate. This allows the trader to trade quickly and efficiently. The price consolidation feature of the present invention, as described herein, enables a trader to consolidate a number of prices in order to condense the display. Such action allows a trader to view a greater range of prices and a greater number of orders in the market at any given time. By consolidating prices, and therefore orders, a trader reduces the risk of a favorable order scrolling from the screen prior to filling a bid or ask on that order at a favorable price.

Priority Data: US 41516106 20060502 A N; US 97108701 20011005 A 1 Y; US 59069200 20000609 A 2 Y; US 23800100 20001006 P Y; US 18632200 20000302 P Y;

Related Application(s): 11/415161 20060502 20060195387 20060831 US; 60/238001 20001006 US; 60/186322 20000302 US; 09/971087 20011005 7127424 US; 09/590692 20000609 6772132 US

IPC (International Class): G06Q04000

ECLA (European Class): G06Q04000B

US Class: 705035; 705036

Publication Language: ENG

Filing Language: ENG

Agent(s): McDonnell Boehnen Hulbert & Berghoff LLP

Examiner Primary: Havan, Thu Thao

Assignments Reported to USPTO:

Reel/Frame: 23013/0197 **Date Signed:** 20030307 **Date Recorded:** 20090728

Assignee: TRADING TECHNOLOGIES INTERNATIONAL, INC. 222 SOUTH RIVERSIDE PLAZA SUITE 1100 CHICAGO ILLINOIS 60606

Assignor: KEMP, II, GARY ALLAN; BRUMFIELD, HARRIS

Corres. Addr: MBHB/TRADING TECHNOLOGIES 300 SOUTH WACKER DRIVE SUITE 3200 CHICAGO, IL 60606



Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Legal Status:

Date	+/-	Code	Description
20090728	()	AS	New owner name: TRADING TECHNOLOGIES INTERNATIONAL, INC., ILLINOIS; : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS: KEMP, II, GARY ALLAN; BRUMFIELD, HARRIS; REEL/FRAME: 023013/0197; Effective date: 20030307;

US2006195388A1 20060831

(ENG) Click based trading with intuitive grid display of market depth

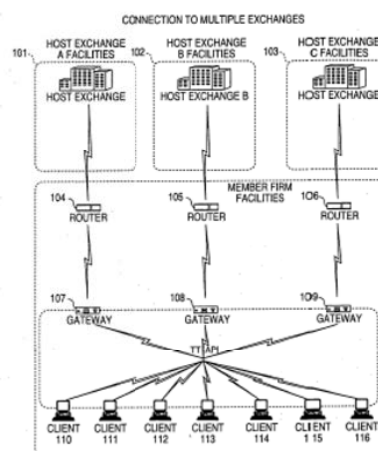
Assignee: TRADING TECH INT INC

Inventor(s): KEMP GARY A II US ; SCHLUETTER JENS-UWE US ; BRUMFIELD HARRIS US

Application No: US 41516306 A

Filing Date: 20060502

Issue/Publication Date: 20060831



Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuates. This allows the trader to trade quickly and efficiently.

Priority Data: US 41516306 20060502 A N; US 23713102 20020909 A 1 Y; US 59069200 20000609 A 1 Y; US 18632200 20000302 P Y;

Related Application(s): 60/186322 20000302; 11/415163 20060502 10/237131 20020909 PENDING 10/237131 20020909 09/590692 20000609 6772132 US GRANTED

IPC (International Class): G06Q04000

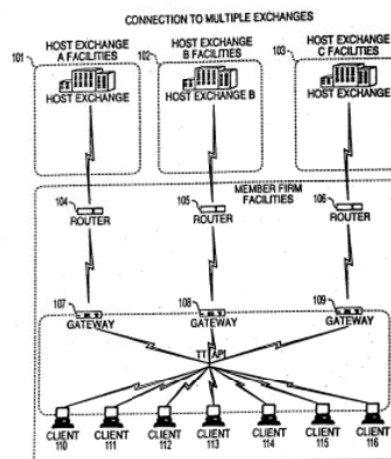
ECLA (European Class): G06Q03000C4; G06Q04000B

US Class: 705037

Publication Language: ENG

Legal Status: There is no Legal Status information available for this patent



US2006195389A1 20060831**(ENG) Click based trading with market depth display****Assignee:** TRADING TECH INT INC**Inventor(s):** KEMP GARY A II US ; SCHLUETTER
JENS-UWE US**Application No:** US 41518906 A**Filing Date:** 20060502**Issue/Publication Date:** 20060831

Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading commodities on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. Click based trading, as described herein and specifically the "Click" and "Dime" methods of the present invention, enables a trader to execute single mouse click trades for large volumes of commodities at a price within a pre-specified range.

Priority Data: US 41518906 20060502 A N; US 6155405 20050218 A 1 Y; US 58975100 20000609 A 1 Y; US 18632200 20000302 P Y;

Related Application(s): 60/186322 20000302; 11/415189 20060502 11/061554 20050218 PENDING
11/061554 20050218 09/589751 20000609 6938011 US GRANTED

IPC (International Class): G06Q04000**ECLA (European Class):** G06Q04000B**US Class:** 705037**Publication Language:** ENG**Legal Status:** There is no Legal Status information available for this patent

US2006259404A1 20061116**(ENG) System and method for automatic scalping a tradeable object in an electronic trading environment****Assignee:** TRADING TECH INT INC**Inventor(s):** BRUMFIELD HARRIS C US ; EBERSOLE
JOAN US ; PAZNER ASSAF US**Application No:** US 41748406 A**Filing Date:** 20060503**Issue/Publication Date:** 20061116

Bid Qty	Ask Qty	Price
202	205	208
		99
		98
		97
		96
		95
	400	94
	120	93
	180	92
	120	91
150		90
100		89
150		88
25		87
		86

Abstract: (ENG) A system and methods for automatic scalping in an electronic trading environment are presented. According to one embodiment, a trading application may display an indicator associated with a price level based on which a tradable object can be automatically traded. When a scalping application detects a fill associated with a first order, the scalping application may automatically enter a second order to offset a position created with the first order. According to one embodiment, the second order is automatically placed on the market when the inside market moves to a predetermined price level in relation to the displayed indicator.

Priority Data: US 41748406 20060503 A N; US 40387903 20030331 A 1 Y; US 12589402 20020419 A 2 Y; US 97108701 20011005 A 2 Y; US 59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 23800100 20001006 P Y; US 18632200 20000302 P Y; US 32555301 20011001 P Y;

Related Application(s): 60/238001 20001006 60/186322 20000302 60/186322 20000302 60/325553 20011001; 11/417484 20060503 10/403879 20030331 PENDING; 10/403879 20030331 10/125894 20020419 PENDING<RDA continuation-in-part> 10/125894 20020419 09/971087 20011005 PENDING 10/125894 09/590692 20000609 6772132 US GRANTED 10/125894 09/589751 20000609 6938011 US GRANTED

IPC (International Class): G06Q04000**ECLA (European Class):** G06Q04000C**US Class:** 705037**Publication Language:** ENG**Legal Status:** There is no Legal Status information available for this patent

US2006259382A1 20061116**(ENG) Trading tools for electronic trading****Assignee:** TRADING TECH INT INC**Inventor(s):** KEMP GARY A II US ; SCHLUETTER
JENS-UWE US ; BRUMFIELD HARRIS US ;
BURNS MICHAEL US**Application No:** US 41749306 A**Filing Date:** 20060503**Issue/Publication Date:** 20061116**Abstract:** (ENG) 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.**Priority Data:** US 41749306 20060503 A N; US 12589402 20020419 A 1 Y; US 97108701 20011005 A 2 Y; US 59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 23800100 20001006 P Y; US 18632200 20000302 P Y; US 32555301 20011001 P Y;**Related Application(s):** 60/238001 20001006 60/186322 20000302 60/186322 20000302 60/325553 20011001;
11/417493 20060503 10/125894 20020419 PENDING; 10/125894 20020419
09/971087 20011005 PENDING<RDA continuation-in-part> 10/125894 09/590692
20000609 6772132 US GRANTED 10/125894 09/589751 20000609 6938011 US
GRANTED**IPC (International Class):** G06Q04000; G06Q03000**ECLA (European Class):** G06Q03000C4; G06Q04000B**US Class:** 705035**Publication Language:** ENG**Legal Status:** There is no Legal Status information available for this patent

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	Contract	Depth	BidQty	BidPrc	AskPrc	AskQty	LastPrc	LastQty	Total
1	CDHO	*	785	7828	7827	21	7827	485	8230
2			626	7825	7829	815			
3			500	7824	7830	800			
4			500	7823	7831	2456			
5			200	7822	7832	800			



US2006265303A1 20061123**(ENG) Trading tools for electronic trading****Assignee:** TRADING TECH INT INC**Inventor(s):** KEMP GARY A II US ; SCHLUETTER
JENS-UWE US ; BRUMFIELD HARRIS US ;
BURNS MICHAEL US**Application No:** US 41750206 A**Filing Date:** 20060503**Issue/Publication Date:** 20061123**Abstract:** (ENG) 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.**Priority Data:** US 41750206 20060503 A N; US 12589402 20020419 A 1 Y; US 97108701 20011005 A 2 Y; US 59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 23800100 20001006 P Y; US 18632200 20000302 P Y; US 32555301 20011001 P Y;**Related Application(s):** 60/238001 20001006 60/186322 20000302 60/186322 20000302 60/325553 20011001;
11/417502 20060503 10/125894 20020419 PENDING; 10/125894 20020419
09/971087 20011005 PENDING<RDA continuation-in-part> 10/125894 09/590692
20000609 6772132 US GRANTED 10/125894 09/589751 20000609 6938011 US
GRANTED**IPC (International Class):** G06Q04000; G06Q03000**ECLA (European Class):** G06Q03000C4; G06Q04000B**US Class:** 705035**Publication Language:** ENG**Legal Status:** There is no Legal Status information available for this patent

		201	202	203	204	205	206	207	208
	Contract	Depth	BidQty	BidPrc	AskPrc	AskQty	LastPrc	LastQty	Total
1	CDHO	*	785	7626	7627	21	7627	480	8230
2			626	7625	7629	815			
3			500	7624	7630	800			
4			500	7623	7631	2358			
5			200	7622	7632	800			



US2006271475A1 20061130**(ENG) System and method for group positioning of market information in a graphical user interface****Assignee:** TRADING TECH INT INC**Inventor(s):** BRUMFIELD HARRIS C US ; WEST ROBERT A US**Application No:** US 41752306 A**Filing Date:** 20060503**Issue/Publication Date:** 20061130

SYCOM	FGBL	DECH	P	B	A	S	C	P	L	T	O
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								24			98
		720						33			97
		X	10					115			96
		0						32			95
		10	1H					27			94
		50	1H					63			93
		1K	1H					45			92
		CLR						28			91
		X	10					20			90
		17						20			90
								18			89
		CXL						97			88
		[-]						30			87
		NET 3						43			86
		NET REAL						110			85
								23			84
								31			83
								125			82
								21			81

Abstract: (ENG) A method for repositioning information related to a plurality of commodities on a graphical user interface is provided. The method includes receiving market information relating to a first commodity and a second commodity. The market information includes a number of items of interest, each of which may be associated with a price. A first information display region associated with the first commodity and including a number of locations arranged such that each location corresponds to a price level along at least a portion of a first static price axis is displayed at a first time. A second similar information display region associated with the second commodity is also displayed at that time. Indicators associated with items of interest related to the first commodity and the second commodity are displayed in the first information display region and the second information display region, respectively. The method includes receiving a command to reposition one of the information display regions. In response to the repositioning command, the indicators representing market information are moved to new locations in the first and second information display regions. More than two information display region may alternatively be utilized and positioned in this manner.

Priority Data: US 41752306 20060503 A N; US 40375703 20030331 A 1 Y; US 12589402 20020419 A 1 Y; US 97108701 20011005 A 2 Y; US 59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 23800100 20001006 P Y; US 18632200 20000302 P Y; US 32555301 20011001 P Y;

Related Application(s): 60/238001 20001006 60/186322 20000302 60/186322 20000302 60/325553 20011001; 11/417523 20060503 10/403757 20030331 PENDING 10/403757 20030331 10/125894 20020419 PENDING; 10/125894 20020419 09/971087 20011005 PENDING<RDA continuation-in-part> 10/125894 09/590692 20000609 6772132 US GRANTED 10/125894 09/589751 20000609 6938011 US GRANTED

IPC (International Class): G06Q04000**ECLA (European Class):** G06Q04000**US Class:** 705039**Publication Language:** ENG**Legal Status:** There is no Legal Status information available for this patent

US7389258B2 20080617
US2006265316A1 20061123

(ENG) System and method for trading and displaying market information in an electronic trading environment

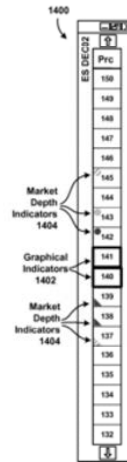
Assignee: TRADING TECH INT INC US

Inventor(s): BRUMFIELD HARRIS C US ; BORSAND STEVEN F US ; TRIPLETT MARK W US

Application No: US 41753406 A

Filing Date: 20060503

Issue/Publication Date: 20080617



Abstract: (ENG) A system and method for trading and displaying market information along a static axis are described to ensure fast and accurate execution of trades. The static axis, whether is a straight axis or a curved one, can be oriented in any direction. Regardless of how the axis is oriented, a first region may display price levels that are arranged along the static axis. A second region, which overlaps the first region, may display one or more indicators for highlighting one of the price levels associated with the lowest offer and one of the price levels associated with the highest bid. Moreover, a third region, which overlaps the first region, may be included for initiating placement of an order to buy or an order to sell the tradeable object through an action of a user input device. Other overlapping regions may also be displayed so that additional market information may be viewed by a trader.

Priority Data: US 41753406 20060503 A N; US 37641703 20030228 A 1 Y; US 59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 97108701 20011005 A 2 Y; US 18632200 20000302 P Y; US 23800100 20001006 P Y; US 32555301 20011001 P Y;

Related Application(s): 11/417534 20060503 20060265316 20061123 US; 60/325553 20011001 US; 60/238001 20001006 US; 60/186322 20000302 US; 10/376417 20030228 7228289 US; 09/590692 20000609 6772132 US; 09/589751 20000609 6938011 US; 09/971087 20011005 7127424 US

IPC (International Class): G06Q04000

ECLA (European Class): G06Q04000B

US Class: 705035; 705037

Publication Language: ENG

Filing Language: ENG

Agent(s): McDonnell Boehnen Hulbert & Berghoff LLP

Examiner Primary: Weisberger, Richard

Legal Status: There is no Legal Status information available for this patent



US7509276B2 20090324
US2006265304A1 20061123

(ENG) System and method for group positioning of market information in a graphical user interface

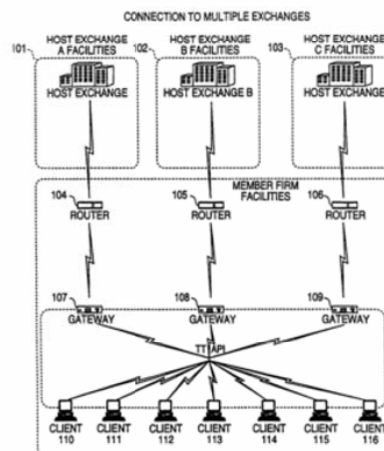
Assignee: TRADING TECH INT INC US

Inventor(s): BRUMFIELD HARRIS US ; WEST ROBERT A US

Application No: US 41754306 A

Filing Date: 20060503

Issue/Publication Date: 20090324



Abstract: (ENG) A method for repositioning information related to a plurality of commodities on a graphical user interface is provided. The method includes receiving market information relating to a first commodity and a second commodity. The market information includes a number of items of interest, each of which may be associated with a price. A first information display region associated with the first commodity and including a number of locations arranged such that each location corresponds to a price level along at least a portion of a first static price axis is displayed at a first time. A second similar information display region associated with the second commodity is also displayed at that time. Indicators associated with items of interest related to the first commodity and the second commodity are displayed in the first information display region and the second information display region, respectively. The method includes receiving a command to reposition one of the information display regions. In response to the repositioning command, the indicators representing market information are moved to new locations in the first and second information display regions. More than two information display region may alternatively be utilized and positioned in this manner.

Priority Data: US 41754306 20060503 A N; US 40375703 20030331 A 1 Y; US 12589402 20020419 A 1 Y; US 97108701 20011005 A 2 Y; US 59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 23800100 20001006 P Y; US 18632200 20000302 P Y; US 32555301 20011001 P Y;

Related Application(s): 11/417543 20060503 20060265304 20061123 US; 60/238001 20001006 US; 60/186322 20000302 US; 60/325553 20011001 US; 10/403757 20030331 US PENDING; 10/125894 20020419 US PENDING; 09/971087 20011005 7127424 US; 09/590692 20000609 6772132 US; 09/589751 20000609 6938011 US

IPC (International Class): G06Q04000

ECLA (European Class): G06Q04000

US Class: 705035; 705036; 705037

Publication Language: ENG

Filing Language: ENG

Agent(s): McDonnell Boehnen Hulbert & Berghoff LLP

Examiner Primary: Weisberger, Rich

Legal Status: There is no Legal Status information available for this patent



US2006265305A1 20061123**(ENG) System and method for automatic repositioning of market information in a graphical user interface****Assignee:** TRADING TECH INT INC**Inventor(s):** SCHLUETTER JENS-UWE US ; BRUMFIELD HARRIS C US**Application No:** US 41754706 A**Filing Date:** 20060503**Issue/Publication Date:** 20061123

Abstract: (ENG) A method for automatically positioning information related to a commodity on a graphical user interface. Market information is displayed on the graphical user interface. The market information may be presented as a number of indicators, corresponding to particular items of interest, that are associated with a static scale. The scale may, for example, represent price. Upon detecting a predetermined condition, the location of the market information is automatically repositioned.

Priority Data: US 41754706 20060503 A N; US 40388103 20030331 A 1 Y; US 12589402 20020419 A 1 Y; US 97108701 20011005 A 2 Y; US 59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 23800100 20001006 P Y; US 18632200 20000302 P Y; US 32555301 20011001 P Y;

Related Application(s): 60/238001 20001006 60/186322 20000302 60/186322 20000302 60/325553 20011001; 11/417547 20060503 10/403881 20030331 PENDING 10/403881 20030331 10/125894 20020419 PENDING; 10/125894 20020419 09/971087 20011005 PENDING<RDA continuation-in-part> 10/125894 09/590692 20000609 6772132 US GRANTED 10/125894 09/589751 20000609 6938011 US GRANTED

IPC (International Class): G06Q04000**ECLA (European Class):** G06Q04000B**US Class:** 705035**Publication Language:** ENG**Legal Status:** There is no Legal Status information available for this patent

		201	202	203	204	205	206	207	208
	Contract	Depth	BidQty	BidPrc	AskPrc	AskQty	LastPrc	LastQty	Total
1	CDHO	•	785	7626	7627	21	7627	489	8230
2			826	7625	7629	815			
3			500	7624	7630	800			
4			500	7623	7631	2458			
5			200	7622	7632	800			



US2006259383A1 20061116**(ENG) Trading tools for electronic trading****Assignee:** TRADING TECH INT INC**Inventor(s):** KEMP GARY A II US ; SCHLUETTER
JENS-UWE US ; BURMFIELD HARRIS US ;
BURNS MICHAEL US**Application No:** US 41787106 A**Filing Date:** 20060503**Issue/Publication Date:** 20061116**Abstract:** (ENG) 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.**Priority Data:** US 41787106 20060503 A N; US 12589402 20020419 A 1 Y; US 97108701 20011005 A 2 Y; US
59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 23800100 20001006 P Y; US
18632200 20000302 P Y; US 32555301 20011001 P Y;**Related Application(s):** 60/238001 20001006 60/186322 20000302 60/325553 20011001; 11/417871 20060503
10/125894 20020419 PENDING; 10/125894 20020419 09/971087 20011005
PENDING<RDA continuation-in-part> 10/125894 09/590692 20000609 6772132 US
GRANTED 10/125894 09/589751 20000609 6938011 US GRANTED**IPC (International Class):** G06Q04000; G06Q03000**ECLA (European Class):** G06Q03000C4; G06Q04000B**US Class:** 705035**Publication Language:** ENG**Legal Status:** There is no Legal Status information available for this patent

		201	202	203	204	205	206	207	208
1	Contract	Depth	BidQty	BidPrc	AskPrc	AskQty	LastPrc	LastQty	Total
2	CDHO	*	785	7828	7627	21	7627	489	8230
3			828	7823	7629	815			
4			500	7624	7630	800			
5			500	7629	7631	2458			
			200	7622	7632	800			



US2006265321A1 20061123

(ENG) System and method for trading and displaying market information in an electronic trading environment

Assignee: TRADING TECH INT INC

Inventor(s): BRUMFIELD HARRIS US ; BORSAND STEVEN F US ; TRIPLETT MARK W US

Application No: US 41787606 A

Filing Date: 20060503

Issue/Publication Date: 20061123

Time	EW	BidQ	AskQ	Price
11:28:57				150
+3				149
Account				148
13966				147
445	S 0		10	146
25	W 10			145
1	S		15	144
10	20			143
50	100	S 0	35	142
		W 15		141
CLR			100	140
50			75	139
			20	138
SL	SIM	S 0	125	137
		W 10		136
IOC			75	135
Delete All			20	134
Delete 25				133
Delete 20				132
PIL				131
	S 0		10	130
	W 10			129

Abstract: (ENG) A system and method for trading and displaying market information along a static axis are described to ensure fast and accurate execution of trades. The static axis, whether is a straight axis or a curved one, can be oriented in any direction. Regardless of how the axis is oriented, a first region may display price levels that are arranged along the static axis. A second region, which overlaps the first region, may display one or more indicators for highlighting one of the price levels associated with the lowest offer and one of the price levels associated with the highest bid. Moreover, a third region, which overlaps the first region, may be included for initiating placement of an order to buy or an order to sell the tradeable object through an action of a user input device. Other overlapping regions may also be displayed so that additional market information may be viewed by a trader.

Priority Data: US 41787606 20060503 A N; US 37641703 20030228 A 1 Y; US 59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 97108701 20011005 A 2 Y; US 12589402 20020419 A 2 Y; US 32555301 20011001 P Y; US 18632200 20000302 P Y; US 23800100 20001006 P Y;

Related Application(s): 60/325553 20011001 60/186322 20000302 60/186322 20000302 60/238001 20001006; 11/417876 20060503 10/376417 20030228 PENDING; 10/376417 20030228 09/590692 20000609 6772132 US GRANTED<RDA continuation-in-part> 10/376417 20030228 09/589751 20000609 6938011 US GRANTED 10/376417 20030228 09/971087 20011005 PENDING 10/376417 20030228 10/125894 20020419 PENDING<RDA continuation-in-part> 10/125894 09/589751 20000609 6938011 US GRANTED 10/125894 09/590692 20000609 6772132 US GRANTED 10/125894 09/971087 20011005 PENDING

IPC (International Class): G06Q04000

ECLA (European Class): G06Q04000B

US Class: 705037

Publication Language: ENG

Legal Status: There is no Legal Status information available for this patent



US2006259384A1 20061116

(ENG) System and method for automatic repositioning of market information in a graphical user interface

Assignee: TRADING TECH INT INC

Inventor(s): SCHLUETTER JENS-UWE US ; BRUMFIELD HARRIS C US

Application No: US 41788006 A

Filing Date: 20060503

Issue/Publication Date: 20061116

Abstract: (ENG) A method for automatically positioning information related to a commodity on a graphical user interface. Market information is displayed on the graphical user interface. The market information may be presented as a number of indicators, corresponding to particular items of interest, that are associated with a static scale. The scale may, for example, represent price. Upon detecting a predetermined condition, the location of the market information is automatically repositioned.

Priority Data: US 41788006 20060503 A N; US 40388103 20030331 A 1 N; US 12589402 20020419 A 1 Y; US 97108701 20011005 A 2 Y; US 59069200 20000609 A 2 Y; US 58975100 20000609 A 2 Y; US 23800100 20001006 P Y; US 18632200 20000302 P Y; US 32555301 20011001 P Y;

Related Application(s): 60/238001 20001006 60/186322 20000302 60/186322 20000302 60/325553 20011001; 11/417880 20060503 10/403881 20030331 PENDING 10/403881 20030331 10/125894 20020419 PENDING; 10/125894 20020419 09/971087 20011005 PENDING<RDA continuation-in-part> 10/125894 09/590692 20000609 6772132 US GRANTED 10/125894 09/589751 20000609 6938011 US GRANTED

IPC (International Class): G06Q04000; G06Q03000

ECLA (European Class): G06Q03000C4; G06Q04000B

US Class: 705035

Publication Language: ENG

Legal Status: There is no Legal Status information available for this patent

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	CDHO	*	785	7626	7627	21	7627	488	8290
2			828	7625	7629	815			
3			500	7624	7630	800			
4			500	7623	7631	2456			
5			200	7622	7632	800			



US2007038554A1 20070215**(ENG) Click based trading with intuitive grid display of market depth****Assignee:** TRADING TECH INT INC**Inventor(s):** KEMP GARY A II US ; SCHLUETTER
JENS-UWE US ; BRUMFIELD HARRIS US**Application No:** US 58590506 A**Filing Date:** 20061025**Issue/Publication Date:** 20070215

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1010	RI 5		24	98		
1011	720		33	97		
1012	X 10		115	96		
1013	8		32	95		
1014	10 1H		27	94		
	50 3H		83	93		
1007	S 1K SH		45	92		
	S CLR		28	91		
1015	X 10		20	90	10	
1016	-17		18	89		
	CKL		97	88		
1008	B 15		30	87		
	W 13	NET 0	43	86		
1017	B 17	NET REAL	110	85		
1018			23	84		
			31	83		
1021			125	82		
			21	81		

Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuates. This allows the trader to trade quickly and efficiently.

Priority Data: US 58590506 20061025 A N; US 41516306 20060502 A 1 Y; US 23713102 20020909 A B Y; US 59069200 20000609 A 1 Y; US 18632200 20000302 P Y;

Related Application(s): 60/186322 20000302 US; 11/415163 20060502 US PENDING; 10/237131 20020909 US ABANDONED; 09/590692 20000609 6772132 US GRANTED

IPC (International Class): G06Q04000**ECLA (European Class):** G06Q03000C4**US Class:** 705037**Publication Language:** ENG**Filing Language:** ENG**Assignments Reported to USPTO:****Reel/Frame:** 18112/0601 **Date Signed:** 20060503 **Date Recorded:** 20060712**Assignee:** SIEMENS AKTIENGESELLSCHAFT WITTELSBACHERPLATZ 2 MUNICH GERMANY DE 80333**Assignor:** WAGNER, GUNTER; ZOELL, JUERGER**Corres. Addr:** RICHARD A. SPEER MAYER, BROWN, ROWE & MAW LLP 71 W. WACKER DRIVE
P.O. BOX 2828 CHICAGO, IL 60606**Brief:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).**Legal Status:** There is no Legal Status information available for this patent

US2007038555A1 20070215

(ENG) Click based trading with intuitive grid display of market depth

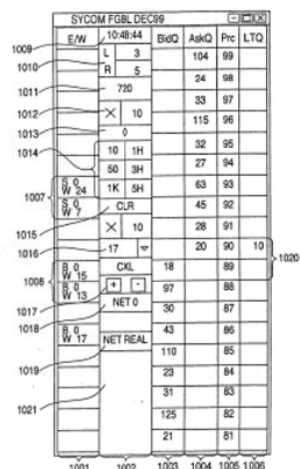
Assignee: TRADING TECH INT INC

Inventor(s): KEMP GARY A II US ; SCHLUETTER
JENS-UWE US ; BRUMFIELD HARRIS US

Application No: US 58590606 A

Filing Date: 20061025

Issue/Publication Date: 20070215



Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuates. This allows the trader to trade quickly and efficiently.

Priority Data: US 58590606 20061025 A N; US 41516306 20060502 A 1 Y; US 23713102 20020909 A B Y; US 59069200 20000609 A 1 Y; US 18632200 20000302 P Y;

Related Application(s): 60/186322 20000302 US; 11/415163 20060502 US PENDING; 10/237131 20020909 US ABANDONED; 09/590692 20000609 6772132 US GRANTED

IPC (International Class): G06Q04000

ECLA (European Class): G06Q03000C4; G06Q03000

US Class: 705037

Publication Language: ENG

Filing Language: ENG

Legal Status: There is no Legal Status information available for this patent



US2007038556A1 20070215

(ENG) Click based trading with intuitive grid display of market depth

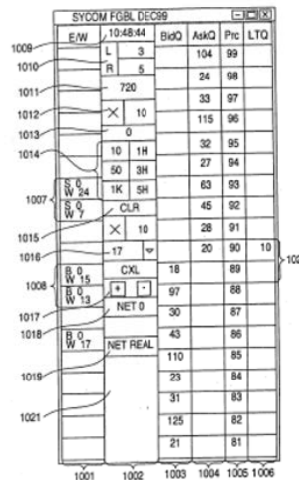
Assignee: TRADING TECH INT INC

Inventor(s): KEMP GARY A II US ; SCHLUETTER
JENS-UWE US ; BRUMFIELD HARRIS US

Application No: US 58590706 A

Filing Date: 20061025

Issue/Publication Date: 20070215



Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuates. This allows the trader to trade quickly and efficiently.

Priority Data: US 58590706 20061025 A N; US 41516306 20060502 A 1 Y; US 23713102 20020909 A B Y; US 59069200 20000609 A 1 Y; US 18632200 20000302 P Y;

Related Application(s): 60/186322 20000302 US; 11/415163 20060502 US PENDING; 10/237131 20020909 US ABANDONED; 09/590692 20000609 6772132 US GRANTED

IPC (International Class): G06Q04000

ECLA (European Class): G06Q03000C4

US Class: 705037

Publication Language: ENG

Filing Language: ENG

Assignments Reported to USPTO:

Reel/Frame: 18114/0269 **Date Signed:** 20060305 **Date Recorded:** 20060712

Assignee: KONINKLIJKE PHILIPS ELECTRONICS N.V. GROENEWOUDSEWEG 1 EINDHOVEN
NETHERLANDS 5621 BA

Assignor: HAROLD-BARRY, JOHN A.; WU, XINYAN

Corres. Addr: PHILIPS ELECTRONICS NORTH AMERICA CORP. INTELLECTUAL PROPERTY &
STANDARDS 1109 MCKAY DRIVE, M/S-41SJ SAN JOSE, CA 95131

Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Reel/Frame: 19719/0843 **Date Signed:** 20070704 **Date Recorded:** 20070817

Assignee: NXP B.V. HIGH TECH CAMPUS 60 5656 AG EINDHOVEN NETHERLANDS

Assignor: KONINKLIJKE PHILIPS ELECTRONICS N.V.

Corres. Addr: ELIZABETH PARSONS 1825 EYESTREET, NW WASHINGTON, DC 20006

Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).



Reel/Frame: 23470/0513 **Date Signed:** 20000824 **Date Recorded:** 20091104
Assignee: TRADING TECHNOLOGIES INTERNATIONAL, INC. 222 SOUTH RIVERSIDE PLAZA
 SUITE 1100 CHICAGO ILLINOIS 60606
Assignor: KEMP, GARY ALLAN, II; SCHLUETTER, JENS-UWE; BRUMFIELD, HARRIS
Corres. Addr: MBHB/TRADING TECHNOLOGIES 300 SOUTH WACKER DRIVE SUITE 3200
 CHICAGO, IL 60606
Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Legal Status: There is no Legal Status information available for this patent

US2007038557A1 20070215

(ENG) Click based trading with intuitive grid display of market depth

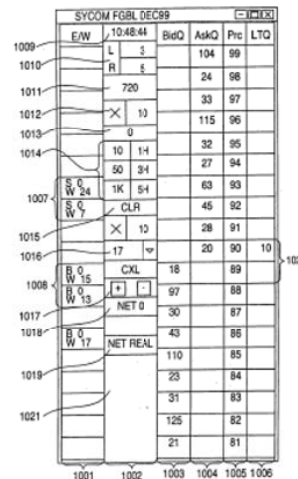
Assignee: TRADING TECH INT INC

Inventor(s): KEMP GARY A II US ; SCHLUETTER
 JENS-UWE US ; BRUMFIELD HARRIS US

Application No: US 58596606 A

Filing Date: 20061025

Issue/Publication Date: 20070215



Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuates. This allows the trader to trade quickly and efficiently.

Priority Data: US 58596606 20061025 A N; US 41516306 20060502 A 1 Y; US 23713102 20020909 A B Y; US 59069200 20000609 A 1 Y; US 18632200 20000302 P Y;

Related Application(s): 60/186322 20000302 US; 11/415163 20060502 US PENDING; 10/237131 20020909 US ABANDONED; 09/590692 20000609 6772132 US GRANTED

IPC (International Class): G06Q04000

ECLA (European Class): G06Q03000C4

US Class: 705037

Publication Language: ENG

Filing Language: ENG

Assignments Reported to USPTO:

Reel/Frame: 18069/0266 **Date Signed:** 20060704 **Date Recorded:** 20060713
Assignee: WELLA AG BERLINER ALLEE 65 DARMSTADT GERMANY 64274



Assignor: CASSIER, THORSTEN; LEDE, MICHAEL

Corres. Addr: MICHAEL J. STRIKER 103 EAST NECK ROAD HUNTINGTON, NY 11743

Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Legal Status: There is no Legal Status information available for this patent

US6938011B1 20050830

(ENG) Click based trading with market depth display

Assignee: TRADING TECH INT INC US

Inventor(s): KEMP II GARY ALAN US ; SCHLUETTER
JENS-UWE US

Application No: US 58975100 A

Filing Date: 20000609

Issue/Publication Date: 20050830

Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading commodities on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. Click based trading, as described herein and specifically the "Click" and "Dime" methods of the present invention, enables a trader to execute single mouse click trades for large volumes of commodities at a price within a pre-specified range.

Priority Data: US 58975100 20000609 A Y;

IPC (International Class): G06Q04000

ECLA (European Class): G06Q04000B

US Class: 705037; 705035

Publication Language: ENG

Agent(s): Foley & Lardner

Examiner Primary: Weisberger, Richard

Assignments Reported to USPTO:

Reel/Frame: 11184/0321 **Date Signed:** 20000825 **Date Recorded:** 20001002

Assignee: TRADING TECHNOLOGIES INTERNATIONAL, INC. 1603 ORRINGTON AVENUE, SUITE
1300 EVANSTON ILLINOIS 60201

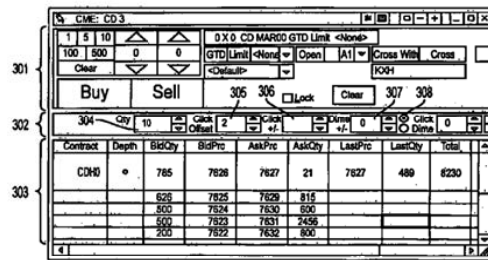
Assignor: SCHLUETTER, JENS-UWE

Corres. Addr: FOLEY & LARDNER WILLIAM T. ELLIS WASHINGTON HARBOUR 3000 K
STREET, N.W., SUITE 500 WASHINGTON, D.C.20007-5109

Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Legal Status:

Date	+/-	Code	Description
20001002	()	AS	ASSIGNMENT New owner name: TRADING TECHNOLOGIES INTERNATIONAL, INC. 1603 ORRI; : ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KEMP, GARY ALAN, II /AR;REEL/FRAME:011184/0321; Effective date: 20000825;



20001002	()	AS	New owner name: TRADING TECHNOLOGIES INTERNATIONAL, INC., ILLINOIS; : ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KEMP, GARY ALAN, II;SCHLUETTER, JENS-UWE;REEL/FRAME:011184/0321; Effective date: 20000825;
20001002	()	AS	New owner name: TRADING TECHNOLOGIES INTERNATIONAL, INC. 1603 ORRI; : ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KEMP, GARY ALAN, II /AR;REEL/FRAME:011184/0321; Effective date: 20000825;

US6772132B1 20040803

(ENG) Click based trading with intuitive grid display of market depth

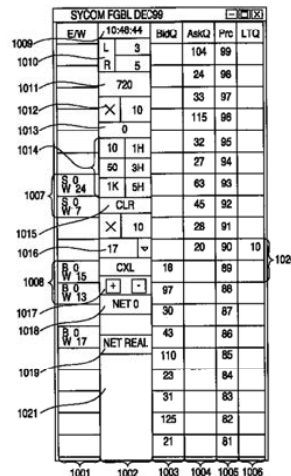
Assignee: TRADING TECH INT INC US

Inventor(s): KEMP II GARY ALLAN US ; SCHLUETTER JENS-UWE US ; BRUMFIELD HARRIS US

Application No: US 59069200 A

Filing Date: 20000609

Issue/Publication Date: 20040803



Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuates. This allows the trader to trade quickly and efficiently.

Priority Data: US 59069200 20000609 A Y; US 18632200 20000302 P Y;

Related Application(s): 60/186322 20000302 00

IPC (International Class): G06Q03000; G06F01700; G06Q04000

ECLA (European Class): G06Q03000C4; G06Q04000B

US Class: 705036R; 705010; 705014; 705035; 715814

Agent(s): Foley & Lardner

Examiner Primary: Weisberger, Richard

US Post Issuance:

--US Certificate of Correction: 20050802 20050823 a Certificate of Correction was issued for this patent

--US Litigations: Rosenthal Collins Group, LLC Trading Technologies International, Inc. 20050715 N.D. Illinois 1:05cv4088

; Trading Technologies International, Inc GL Consultants, Inc

Et A 20050718 N.D. Illinois 1:05cv4120 ; Trading Technologies International, Inc Peregrine Financial



Group, Inc Et A 20050719 N.D. Illinois 1:05cv4137
 ; Trading Technologies International, Inc RTS Realtime Systems,
 Inc Et A 20050728 N.D. Illinois 1:05cv4332 ; Trading Technologies International Inc Rolfe and Nolan
 Systems Inc Et A 20050729 N.D. Illinois 1:05cv4354
 It is hereby ORDERED, ADJUDGED, and DECREED that: Defendant, et al, are
 permanently enjoined from infringing the '304 and '132 patents. SO
 ORDERED. Dated: 8/5/05, Mark Filip, United States District Court Judge.; Trading Technologies
 International, Inc Strategy Runner, Ltd
 20050729 N.D. Illinois 1:05cv4357 Pursuant to the
 consent judgment, All claims of the '304 and '132 patents are valid and
 enforceable. Defendant has infringed said patents. Defendant is
 permanently enjoined from infringing said patents. The plaintiff waives
 its rights to damages. The Court retains jurisdiction to enforce the
 consent judgment. Each party shall bear its own costs and attorneys' fees.
 Civil case terminated. DATE: 8/22/2005, Judge David H. Coar.; Trading Technologies International, Inc
 Ffastfill PLC Et A
 20050803 N.D. Illinois 1:05cv4449 ; Trading Technologies International, Inc CQG Et.al
 20050819 N.D. Illinois 1:05cv4811 ; Trading Technologies International, Inc Transmarket Group,
 LLC 20050908 N.D. Illinois 1:05cv5161 ; Trading Technologies International Inc Futurepath Trading LL
 20050909 N.D. Illinois 1:05cv5164 ; Trading Technologies International, Inc ORC Software, Inc Et
 A 20051031 N.D. Illinois 1:05cv6265

Assignments Reported to USPTO:

Reel/Frame: 11188/0355 **Date Signed:** 20000819 **Date Recorded:** 20001002
Assignee: TRADING TECHNOLOGIES INTERNATIONAL, INC. 1603 ORRINGTON AVENUE, SUITE
 1300 EVANSTON ILLINOIS 60201
Assignor: BRUMFIELD, HARRIS; KEMP, GARY ALLAN, II; SCHLUETTER, JENS-UWE
Corres. Addr: FOLEY & LARDNER WILLIAM T. ELLIS WASHINGTON HARBOUR 3000 K
 STREET NW, SUITE 500 WASHINGTON, DC 20007-5109
Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Legal Status:

Date	+/-	Code	Description
20001002	()	AS	New owner name: TRADING TECHNOLOGIES INTERNATIONAL, INC., ILLINOIS; : ASSIGNMENT OF ASSIGNORS INTEREST; ASSIGNORS: KEMP, GARY ALLAN, II; SCHLUETTER, JENS-UWE; BRUMFIELD, HARRIS; REEL/FRAME: 011188/0355; SIGNING DATES FROM 20000819 TO 20000825;
20050802	()	CC	CERTIFICATE OF CORRECTION
20090331	()	B1	: THE PATENTABILITY OF CLAIMS 1-56 IS CONFIRMED.;
20090901	()	RR	Effective date: 20070525;



US7505932B2 20090317
US2005149429A1 20050707

(ENG) Click based trading with market depth display

Assignee: TRADING TECH INT INC US

Inventor(s): KEMP II GARY ALAN US ; SCHLUETTER
 JENS-UWE US

Application No: US 6155405 A

Filing Date: 20050218

Issue/Publication Date: 20090317

Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading commodities on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. Click based trading, as described herein and specifically the "Click" and "Dime" methods of the present invention, enables a trader to execute single mouse click trades for large volumes of commodities at a price within a pre-specified range.

Priority Data: US 6155405 20050218 A N; US 58975100 20000609 A 1 Y; US 18632200 20000302 P Y;

Related Application(s): 11/061554 20050218 20050149429 20050707 US; 60/186322 20000302 US;
 09/589751 20000609 6938011 US

IPC (International Class): G06Q04000

ECLA (European Class): G06Q04000B

US Class: 705035; 705036; 705037

Publication Language: ENG

Filing Language: ENG

Agent(s): McDonnell Boehnen Hulbert & Berghoff LLP

Examiner Primary: Weisberger, Richard

Legal Status: There is no Legal Status information available for this patent

Contract	Depth	BidQty	BidPrc	AskPrc	AskQty	LastPrc	LastQty	Total
CDH0	*	785	7626	7627	21	7627	489	8230
		626	7626	7629	815			
		500	7624	7630	690			
		500	7623	7631	2456			
		200	7622	7632	800			

US2004210514A1 20041021

(ENG) Click based trading with intuitive grid display of market depth

Assignee: TRADING TECH INT INC US

Inventor(s): KEMP GARY ALLAN US ; SCHLUETTER JENS-UWE US ; BRUMFIELD HARRIS US

Application No: US 84452304 A

Filing Date: 20040513

Issue/Publication Date: 20041021

Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuates. This allows the trader to trade quickly and efficiently.

Priority Data: US 84452304 20040513 A N; US 59069200 20000609 A 1 Y; US 18632200 20000302 P Y;

Related Application(s): 60/186322 20000302; 10/844523 20040513 09/590692 20000609 6772132 US GRANTED

IPC (International Class): G06Q03000; G06F01700; G06Q04000

ECLA (European Class): G06Q03000C4; G06Q04000B

US Class: 705037

Legal Status: There is no Legal Status information available for this patent

		201	202	203	204	205			
	Contract	Depth	BidQty	BidPrc	AskPrc	AskQty	LastPrc	LastQty	Total
1	CDHO	*	785	7626	7627	21	7627	489	8230
2			626	7625	7629	815			
3			500	7624	7630	800			
4			500	7623	7631	2456			
5			200	7622	7632	800			

US6766304B2 20040720
US2002059129A1 20020516

(ENG) Click based trading with intuitive grid display of market depth

Assignee: TRADING TECH INT INC US

Inventor(s): KEMP II GARY ALLAN US ; SCHLUETTER JENS-UWE US ; BRUMFIELD HARRIS US

Application No: US 89463701 A

Filing Date: 20010627

Issue/Publication Date: 20040720

	E/W	L	R	Bid	Ask	Prc	LTD
1009		3		104	99		
1010		5		24	98		
1011		720		33	97		
1012	X	10		115	96		
1013		0		32	95		
1014		10	1H	27	94		
		50	3H	63	93		
1007	E R W L	1K	5H	45	92		
			CLR	28	91		
1015	X	10		20	90	10	
1016		17	W	18	89		1020
			CXL	97	88		
1008	E R W L	15		30	87		
			NET #	43	86		
1017			NET REAL	110	85		
1018				23	84		
1019				31	83		
1021				125	82		
				21	81		

Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present



invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuates. This allows the trader to trade quickly and efficiently.

Priority Data: US 89463701 20010627 A N; US 59069200 20000609 A 3 Y; US 18632200 20000302 P Y;

Related Application(s): 09/590692 20000609 US PENDING; 60/186322 20000302 US

IPC (International Class): G06Q03000; G06F01700; G06Q04000

ECLA (European Class): G06Q03000C4; G06Q04000B

US Class: 705036R; 705035

Publication Language: ENG

Filing Language: ENG

Agent(s): Foley & Lardner

Examiner Primary: Weisberger, Richard

US Post Issuance:

--US Request for Examinations: 20070703 James L. Katz, Brinks Hofer Gilson & Lions

--US Certificate of Correction: 20041116 20041207 a Certificate of Correction was issued for this patent

--US Litigations: Rosenthal Collins Group, LLC Rosenthal Collins Group, LLC 20050715 N.D. Illinois 1:05cv4088 ; Trading Technologies International, Inc Trading Technologies International, Inc 20050718 N.D. Illinois 1:05cv4120 ; Trading Technologies International, Inc Trading Technologies International, Inc 20050719 N.D. Illinois 1:05cv4137 ; Trading Technologies International, Inc Trading Technologies International, Inc 20050728 N.D. Illinois 1:05cv4332 ; Trading Technologies International Inc Trading Technologies International Inc 20050729 N.D. Illinois 1:05cv4354 It is hereby ORDERED, ADJUDGED, and DECREED that: Defendant, et al, are permanently enjoined from infringing the '304 and '132 patents. SO ORDERED. Dated: 8/5/05, Mark Filip, United States District Court Judge.; Trading Technologies International, Inc Trading Technologies International, Inc 20050729 N.D. Illinois 1:05cv4357

Pursuant to the consent judgment, All claims of the '304 and '132 patents are valid and enforceable. Defendant has infringed said patents. Defendant is permanently enjoined from infringing said patents. The plaintiff waives its rights to damages. The Court retains jurisdiction to enforce the consent judgment. Each party shall bear its own costs and attorneys' fees. Civil case terminated. DATE: 8/22/2005, Judge David H. Coar.; Trading Technologies International, Inc Trading Technologies International, Inc 20050803 N.D. Illinois 1:05cv4449 ; CQGT, LLC et al CQGT, LLC et al 20050817 Colorado 1:05cv1584 ; Trading Technologies International, Inc Trading Technologies International, Inc 20050819 N.D. Illinois 1:05cv4811 ; Trading Technologies International, Inc Trading Technologies International, Inc 20050908 N.D. Illinois 1:05cv5161 ; Trading Technologies International Inc Trading Technologies International Inc 20050909 N.D. Illinois 1:05cv5164 ; Trading Technologies International, Inc Trading Technologies International, Inc 20051031 N.D. Illinois 1:05cv6265 ; CQGT, LLC et al CQGT, LLC et al 20060926 N.D. Illinois 1:06cv5222



Legal Status:

Date	+/-	Code	Description
20041116	()	CC	CERTIFICATE OF CORRECTION
20070703	(+)	RR	REQUEST FOR REEXAMINATION FILED Effective date: 20070525;
20090331	()	B1	: THE PATENTABILITY OF CLAIMS 1-40 IS CONFIRMED.;

US7127424B2 20061024
US2002099644A1 20020725

(ENG) Click based trading with intuitive grid display of market depth and price consolidation

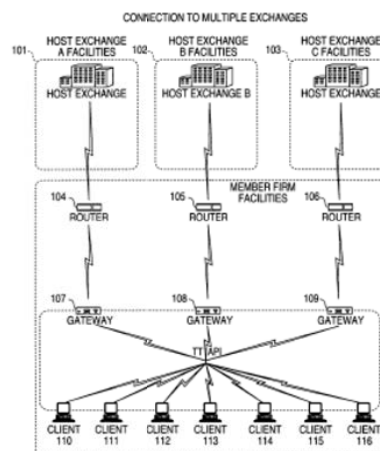
Assignee: TRADING TECH INT INC US

Inventor(s): KEMP II GARY ALLAN US ; BRUMFIELD HARRIS US

Application No: US 97108701 A

Filing Date: 20011005

Issue/Publication Date: 20061024



Abstract: (ENG) A method and system for reducing the time it takes for a trader to place a trade when electronically trading on an exchange, thus increasing the likelihood that the trader will have orders filled at desirable prices and quantities. The "Mercury" display and trading method of the present invention ensure fast and accurate execution of trades by displaying market depth on a vertical or horizontal plane, which fluctuates logically up or down, left or right across the plane as the market prices fluctuate. This allows the trader to trade quickly and efficiently. The price consolidation feature of the present invention, as described herein, enables a trader to consolidate a number of prices in order to condense the display. Such action allows a trader to view a greater range of prices and a greater number of orders in the market at any given time. By consolidating prices, and therefore orders, a trader reduces the risk of a favorable order scrolling from the screen prior to filling a bid or ask on that order at a favorable price.

Priority Data: US 97108701 20011005 A N; US 59069200 20000609 A 2 Y; US 23800100 20001006 P Y; US 18632200 20000302 P Y;

Related Application(s): 60/238001 20001006 00 60/186322 20000302 00; 09/971087 09/590692 20000609 PENDING

IPC (International Class): G06Q04000

ECLA (European Class): G06Q04000B

US Class: 705037; 705010; 705014; 705035; 715814

Publication Language: ENG

Agent(s): Foley & Lardner LLP

Examiner Primary: Weisberger, Richard

Assignments Reported to USPTO:



Reel/Frame: 12523/0725 **Date Signed:** 20011109 **Date Recorded:** 20020129
Assignee: TRADING TECHNOLOGIES 1603 ORRINGTON AVENUE EVANSTON ILLINOIS 60201
Assignor: BRUMFIELD, HARRIS ; KEMP, II, GARY ALLAN
Corres. Addr: FOLEY & LARDNER WILLIAM T. ELLIS 3000 K STREET, N.W. SUITE 500
 WASHINGTON, DC 20007-5143
Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Reel/Frame: 13901/0375 **Date Signed:** 20030307 **Date Recorded:** 20030328
Assignee: TRADING TECHNOLOGIES INTERNATIONAL, INC. 222 S. RIVERSIDE PLAZA SUITE
 1100 CHICAGO ILLINOIS 60606
Assignor: BRUMFIELD, HARRIS ; KEMP II., GARY ALLAN
Corres. Addr: FOLEY & LARDNER WILLIAM T. ELLIS WASHINGTON HARBOUR 3000 K
 STREET, N.W., SUITE 500 WASHINGTON, DC 20007-5143
Brief: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Legal Status:

Date	+/-	Code	Description
20020129	()	AS	New owner name: TRADING TECHNOLOGIES, ILLINOIS; : ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KEMP, II, GARY ALLAN;BRUMFIELD, HARRIS;REEL/FRAME:012523/0725; Effective date: 20011109;
20030328	()	AS	New owner name: TRADING TECHNOLOGIES INTERNATIONAL, INC., ILLINOIS; : ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNORS:KEMP II., GARY ALLAN;BRUMFIELD, HARRIS;REEL/FRAME:013901/0375; Effective date: 20030307;



USPTO Maintenance Report

Patent Bibliographic Data				02/16/2010 09:43 AM	
Patent Number:	6766304	Application Number:	09894637		
Issue Date:	07/20/2004	Filing Date:	06/27/2001		
Title:	CLICK BASED TRADING WITH INTUITIVE GRID DISPLAY OF MARKET DEPTH				
Status:	8th year fee window opens: 07/20/2011		Entity:	Large	
Window Opens:	07/20/2011	Surcharge Date:	01/21/2012	Expiration:	N/A
Fee Amt Due:	Window not open	Surchg Amt Due:	Window not open	Total Amt Due:	Window not open
Fee Code:	1552	MAINTENANCE FEE DUE AT 7.5 YEARS			
Surcharge Fee Code:					
Most recent events (up to 7):	01/28/2008 01/22/2008	Maintenance Fee Reminder Mailed. Payment of Maintenance Fee, 4th Year, Large Entity. --- End of Maintenance History ---			
Address for fee purposes:	MBHB/TRADING TECHNOLOGIES 300 SOUTH WACKER DRIVE SUITE 3200 CHICAGO, IL 60606				