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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/113,289	09/15/2020	10776863	SVPA-029C1	6504

26797 7590 08/26/2020

LogicPatents, LLC
21701 Stevens Creek Boulevard, #284
CUPERTINO, CA 95015

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 36 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site http://pair.uspto.gov for additional applicants):

Jacky Benmoha, Holmdel, NJ;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

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Office of the Chief Financial Officer

Document Code:WFEE

User :C44696

Sale Accounting Date:08/13/2020

Sale Item Reference Number	Effective Date
16113289	08/13/2020

Document Number	Fee Code	Fee Code Description	Amount Paid	Payment Method
I20208C849315979	2501	UTILITY APPL ISSUE FEE	$500.00	Credit Card

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PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
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Alexandria, Virginia 22313-1450.

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 3 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

26797 7590 05/12/2020
LogicParents, LLC
21701 Stevens Creek Boulevard, #284
CUPERTINO, CA 95015

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

Joe Zheng	(Typed or printed name)
/ joe zheng /	(Signature)
08/12/2020	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/113,289	08/27/2018	Jacky Benmoha	SVPA-029C1	6504

TITLE OF INVENTION: Method and apparatus for displaying trading assets in a preferred currency

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$500	$0.00	$0.00	$500	08/12/2020

EXAMINER	ART UNIT	CLASS-SUBCLASS
KAZIMI, HANY M.	3691	705-035000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Joe Zheng
2
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☒ Individual ☐ Corporation or other private group entity ☐ Government

4a. Fees submitted: ☐ Issue Fee ☐ Publication Fee (if required) ☐ Advance Order - # of Copies _____

4b. Method of Payment: *(Please first reapply any previously paid fee shown above)*

☐ Electronic Payment via EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. **Change in Entity Status** (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature / joe zheng / Date 08/12/2020

Typed or printed name Joe Zheng Registration No. 39,450

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CUPERTINO, CA 95015

Courtesy Reminder for
Application Serial No: 16/113,289

Attorney Docket No: SVPA-029C1
Customer Number: 26797
Date of Electronic Notification: 05/12/2020

This is a courtesy reminder that new correspondence is available for this application. If you have not done so already, please review the correspondence. The official date of notification of the outgoing correspondence will be indicated on the form PTOL-90 accompanying the correspondence.

An email notification regarding the correspondence was sent to the following email address(es) associated with your customer number:
uspatents@sbcglobal.net

To view your correspondence online or update your email addresses, please visit us anytime at **https://ppair-my.uspto.gov/pair/PrivatePair.**
If you have any questions, please email the Electronic Business Center (EBC) at EBC@uspto.gov or call 1-866-217-9197.

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NOTICE OF ALLOWANCE AND FEE(S) DUE

26797 7590 05/12/2020
LogicPatents, LLC
21701 Stevens Creek Boulevard, #284
CUPERTINO, CA 95015

EXAMINER
KAZIMI, HANI M

ART UNIT	PAPER NUMBER
3691	

DATE MAILED: 05/12/2020

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/113,289	08/27/2018	Jacky Benmoha	SVPA-029C1	6504

TITLE OF INVENTION: Method and apparatus for displaying trading assets in a preferred currency

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	$500	$0.00	$0.00	$500	08/12/2020

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PART B - FEE(S) TRANSMITTAL

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(Typed or printed name)

(Signature)

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/113,289	08/27/2018	Jacky Benmoha	SVPA-029C1	6504

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EXAMINER	ART UNIT	CLASS-SUBCLASS
KAZIMI, HANI M	3691	705-035000

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1_____
2_____
3_____

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4a. Fees submitted: ❑Issue Fee ❑Publication Fee (if required) ❑Advance Order - # of Copies _____

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❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

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Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/113,289	08/27/2018	Jacky Benmoha	SVPA-029C1	6504

26797 7590 05/12/2020
LogicPatents, LLC
21701 Stevens Creek Boulevard, #284
CUPERTINO, CA 95015

EXAMINER
KAZIMI, HANI M

ART UNIT	PAPER NUMBER
3691	

DATE MAILED: 05/12/2020

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Notice of Allowability	Application No. 16/113,289	Applicant(s) Benmoha, Jacky	
	Examiner HANI M KAZIMI	Art Unit 3691	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☑ This communication is responsive to the amendment filed December 03, 2019.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☑ The allowed claim(s) is/are 1-12 . As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see **http://www.uspto.gov/patents/init_events/pph/index.jsp** or send an inquiry to **PPHfeedback@uspto.gov.**

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some *c) ☐ None of the:

   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☑ Notice of References Cited (PTO-892)
2. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____.
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date. _____.
5. ☐ Examiner's Amendment/Comment
6. ☑ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/HANI M KAZIMI/
Primary Examiner, Art Unit 3691

DETAILED ACTION

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

This communication is in response to Applicant's amendment filed December 03, 2019. Claims 1-12 are pending. Claims 1-12 are allowed.

Allowable Subject Matter

The following is a statement of reasons for the indication of allowable subject matter:

The prior art of record (Rude et al. US Pat. Pub. No. 2006/0095361 A1) teaches a method and corresponding apparatus for automatic settlement of foreign securities trades in trader's operating currency includes placing a securities trading order on a securities exchange and determining a net settlement amount for the securities trading order in the local currency of the securities exchange. In response to the determined net settlement amount, a foreign exchange trading order is automatically placed to convert the determined net settlement amount from the local currency to the operating currency of the party for whom the securities trading order was placed.

Even though, the prior art of record teaches a method and corresponding apparatus for automatic settlement of foreign securities trades in trader's operating currency performing the above mentioned steps, the prior art of record fails to teach a method and corresponding system for providing a consolidated trading platform comprising the steps of determining in a trading server a prevailing exchange rate between a preferred currency and a market currency, wherein

the prevailing exchange rate is derived from all exchange rates obtained from a one or more currency exchange servers when the asset is displayed in the preferred currency; displaying all costs and fees in the preferred currency to own or sell the asset, wherein the all costs and fees are dynamically changed in accordance with the prevailing exchange rate updated constantly even when a market value of the asset remains unchanged; receiving a settlement notification in the trading server when the transaction of the asset is performed by the market exchange server in accordance with conditions set by the user, wherein the conditions include a price at which the asset is traded in the preferred currency, the trading server is configured. For these reasons claims 1 and 6 are deemed to be allowable over the prior art of record, and claims 2-5 and 7-12 are allowed by dependency.

Furthermore, the above additional elements in the claim provide meaningful limitations that transforms an abstract idea into patent eligible. The claim as a whole amounts to significantly more than the abstract idea itself. This is because the claim as a whole effect an improvement to another technology or technical field. These limitations in combination provide meaningful limitations beyond generally linking the use of the abstract idea to a particular technological environment. These limitations, when taken as an ordered combination, provide unconventional steps that confines the abstract idea to a particular application. Therefore, the claim recites patent eligible subject matter. For these reasons claims 1-12 are deemed to be statutory.

Any comments considered necessary by Applicant must be submitted no later than the payment of the issue fee, and to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for allowance”.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hani Kazimi whose telephone number is (571) 272-6745. The examiner can normally be reached Monday-Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alexander Kalinowski can be reached on (571) 272-6771. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Respectfully Submitted

/HANI M KAZIMI/
Primary Examiner, Art Unit 3691

Notice of References Cited	Application/Control No. 16/113,289	Applicant(s)/Patent Under Reexamination Benmoha, Jacky	
	Examiner HANI M KAZIMI	Art Unit 3691	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-6772131-B1	08-2004	Francis; James G.	G06Q10/10	705/35
*	B	US-20060095361-A1	05-2006	Rude; Michael G.	G06Q40/04	705/37
*	C	US-20060173771-A1	08-2006	Johnston; Scott Lochwood	G06Q40/04	705/37
*	D	US-20070043648-A1	02-2007	Chait; Jonathan	G06Q20/10	705/37
*	E	US-20070118459-A1	05-2007	Bauerschmidt; Paul Andrew	G06Q40/00	705/37
*	F	US-20070198331-A1	08-2007	Hurley; Gerald T.	G06Q40/06	705/36R
*	G	US-20080140547-A1	06-2008	Murphy; Timothy	G06Q40/12	705/30
*	H	US-7734532-B2	06-2010	Fishbain; Michael L.	G06Q40/00	705/37
*	I	US-9135660-B2	09-2015	Fishbain; Michael L.	G06Q40/00	1/1
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/113,289	Benmoha, Jacky
	Examiner	**Art Unit**
	HANI M KAZIMI	3691

CPC						
Symbol					**Type**	**Version**
G06Q	/	40	/	00	F	2013-01-01
G06Q	/	40	/	04	I	2013-01-01

CPC Combination Sets								
Symbol					**Type**	**Set**	**Ranking**	**Version**
	/		/					

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 12	
/HANI M KAZIMI/ Primary Examiner, Art Unit 3691 (Primary Examiner)	26 April 2020 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 5

U.S. Patent and Trademark Office

Part of Paper No.: 20200426

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/113,289	Benmoha, Jacky
	Examiner	**Art Unit**
	HANI M KAZIMI	3691

INTERNATIONAL CLASSIFICATION				
CLAIMED				
G06Q	/	40	/	00

NON-CLAIMED				
	/		/	

US ORIGINAL CLASSIFICATION	
CLASS	**SUBCLASS**
705	37

CROSS REFERENCES(S)						
CLASS	**SUBCLASS (ONE SUBCLASS PER BLOCK)**					

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 12	
/HANI M KAZIMI/ Primary Examiner, Art Unit 3691 (Primary Examiner)	26 April 2020 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 5

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/113,289	Benmoha, Jacky
	Examiner	**Art Unit**
	HANI M KAZIMI	3691

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☑ T.D. ☐ R.1.47

CLAIMS

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		10												
	2		11												
	3		12												
	4														
	5														
	6														
	7														
	8														
	9														

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 12	
/HANI M KAZIMI/ Primary Examiner, Art Unit 3691 (Primary Examiner)	26 April 2020 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 5

U.S. Patent and Trademark Office

Part of Paper No.: 20200426

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/113,289	Benmoha, Jacky
	Examiner	**Art Unit**
	HANI M KAZIMI	3691

CPC - Searched*		
Symbol	**Date**	**Examiner**
(G06Q40/00 G06Q40/04 G06Q30/00 G06Q30/06 G06Q30/08)	09/27/2019	HK

CPC Combination Sets - Searched*		
Symbol	**Date**	**Examiner**

US Classification - Searched*			
Class	**Subclass**	**Date**	**Examiner**
705	37	09/27/2019	HK

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	**Date**	**Examiner**
(G06Q40/00 G06Q40/04 G06Q30/00 G06Q30/06 G06Q30/08)	9/27/19	HK
705/37	09/27/2019	HK
Inventor/Assignee search	09/27/2019	HK
EAST search	09/27/2019	HK
NPL search	09/27/2019	HK
Updated EAST search	04/26/2020	HK

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**
705	37	04/26/2020	HK

/H.M.K/ Primary Examiner, Art Unit 3691	

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/113,289	Benmoha, Jacky
	Examiner	**Art Unit**
	HANI M KAZIMI	3691

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☑ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	04/26/2020								
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	2	=								
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	12	=								

EAST Search History

EAST Search History (Prior Art)

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Bibliographic Data

Application No: 16/113,289

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /HANI M KAZIMI/ (Examiner's Signature) | Initials

Title: Method and apparatus for displaying trading assets in a preferred currency

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FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
08/27/2018	705	3691	SVPA-029C1
RULE			

APPLICANTS

INVENTORS

Jacky Benmoha Holmdel, NJ, UNITED STATES

CONTINUING DATA

This application is a CON of 11736583 04/18/2007 PAT 10062107

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

09/12/2018

**** SMALL ENTITY ****

STATE OR COUNTRY

UNITED STATES

ADDRESS

LogicPatents, LLC
21701 Stevens Creek Boulevard, #284
CUPERTINO, CA 95015
UNITED STATES

FILING FEE RECEIVED

$430

Doc Code: DIST.E.FILE **Document Description: Electronic Terminal Disclaimer - Filed**	PTO/SB/26 U.S. Patent and Trademark Office Department of Commerce

Electronic Petition Request	**TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A "PRIOR" PATENT**
Application Number	16113289
Filing Date	27-Aug-2018
First Named Inventor	Jacky Benmoha
Attorney Docket Number	SVPA-029C1
Title of Invention	Method and apparatus for displaying trading assets in a preferred currency

☒ Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action

☒ This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.

Owner	Percent Interest
Jacky Benmoha	100%

The owner(s) with percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)

10062107

as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:
- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

◉ Terminal disclaimer fee under 37 CFR 1.20(d) is included with Electronic Terminal Disclaimer request.

○ I certify, in accordance with 37 CFR 1.4(d)(4), that the terminal disclaimer fee under 37 CFR 1.20(d) required for this terminal disclaimer has already been paid in the above-identified application.

Applicant claims the following fee status:

◉ Small Entity

○ Micro Entity

○ Regular Undiscounted

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

THIS PORTION MUST BE COMPLETED BY THE SIGNATORY OR SIGNATORIES

I certify, in accordance with 37 CFR 1.4(d)(4) that I am:

◉ An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application

Registration Number 39450

○ A sole inventor

○ A joint inventor; I certify that I am authorized to sign this submission on behalf of all of the inventors as evidenced by the power of attorney in the application

○ A joint inventor; all of whom are signing this request

Signature	/ joe zheng /
Name	Joe Zheng

*Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner).
Form PTO/SB/96 may be used for making this certification. See MPEP § 324.

Electronic Patent Application Fee Transmittal

Application Number:	16113289
Filing Date:	27-Aug-2018
Title of Invention:	Method and apparatus for displaying trading assets in a preferred currency
First Named Inventor/Applicant Name:	Jacky Benmoha
Filer:	Joe Zheng
Attorney Docket Number:	SVPA-029C1

Filed as Small Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
STATUTORY OR TERMINAL DISCLAIMER	2814	1	160	160
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**160**

Doc Code: DISQ.E.FILE
Document Description: Electronic Terminal Disclaimer – Approved

Application No.: 16113289

Filing Date: 27-Aug-2018

Applicant/Patent under Reexamination: Benmoha

Electronic Terminal Disclaimer filed on December 5, 2019

☒ APPROVED

This patent is subject to a terminal disclaimer

☐ DISAPPROVED

Approved/Disapproved by: Electronic Terminal Disclaimer automatically approved by EFS-Web

U.S. Patent and Trademark Office

Electronic Acknowledgement Receipt

EFS ID:	37943751
Application Number:	16113289
International Application Number:	
Confirmation Number:	6504
Title of Invention:	Method and apparatus for displaying trading assets in a preferred currency
First Named Inventor/Applicant Name:	Jacky Benmoha
Customer Number:	26797
Filer:	Joe Zheng
Filer Authorized By:	
Attorney Docket Number:	SVPA-029C1
Receipt Date:	05-DEC-2019
Filing Date:	27-AUG-2018
Time Stamp:	16:14:51
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$160
RAM confirmation Number	E2019B5G14486565
Deposit Account	502436
Authorized User	Joe Zheng

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Terminal Disclaimer-Filed (Electronic)	eTerminal-Disclaimer.pdf	33461 38336b530a085920a1b3cc0dc59a8d1f95468c72	no	2
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30609 06fe0a0c1e5a9991e29034b83821099b113355e7	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	64070		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

<u>New Applications Under 35 U.S.C. 111</u>
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
<u>National Stage of an International Application under 35 U.S.C. 371</u>
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
<u>New International Application Filed with the USPTO as a Receiving Office</u>
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Electronic Acknowledgement Receipt

EFS ID:	37919587
Application Number:	16113289
International Application Number:	
Confirmation Number:	6504
Title of Invention:	Method and apparatus for displaying trading assets in a preferred currency
First Named Inventor/Applicant Name:	Jacky Benmoha
Customer Number:	26797
Filer:	Joe Zheng
Filer Authorized By:	
Attorney Docket Number:	SVPA-029C1
Receipt Date:	03-DEC-2019
Filing Date:	27-AUG-2018
Time Stamp:	22:25:39
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Amendment/Req. Reconsideration-After Non-Final Reject	ResponseTo1stOA.pdf	99221 87ced92765d6c4a1d374fef96502df584486ad12	no	7

Warnings:

Information:	
Total Files Size (in bytes):	99221

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Jacky Benmoha
Title:	Method and apparatus for displaying trading assets in a preferred currency
Serial No.:	16/113,289
Confirmation No.:	6504
Filing Date:	08/27/2018
Examiner:	KAZIMI, HANI M
Group Art Unit:	3691
Docket No.:	SVPA-029C1

12/03/2019

Mail Stop: Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Response to Ex Parte Quayle Action

Dear Sir:

In response to the Office Action mailed on 10/03/2019, please amend the above-identified application before reconsidering the pending claims.

AMENDMENTS TO THE SPECIFICATION are reflected in the listing of claims which begins on page 2 of this Response.

REMARKS/ARGUMENTS begin on page 13 of this Response.

AMENDMENTS TO THE SPECIFICATION

Please amend Claims 1-3 as follows:

1. (*Currently amended*) A method for trading an asset, the method comprising:

coupling a trading server to one or more currency exchange servers and one or more market exchange servers;

receiving in the trading server an indicator of a preferred currency from a trader;

causing a client computer associated with the trader to display the asset in the preferred currency while the asset is being traded in a market currency, wherein said causing a client computer associated with the trader to display ~~at least an~~ the asset in the preferred currency comprises:

determining in the trading server a prevailing exchange rate between the preferred currency and the market currency, wherein the prevailing exchange rate is derived from all exchange rates obtained from the one or more currency exchange servers when the asset is displayed in the preferred currency, valuation of the asset in the preferred currency changes in accordance with the prevailing exchange rate updated constantly even when a market value of the asset remains unchanged;

displaying all costs and fees in the preferred currency to own or sell the asset, wherein the all costs and fees are dynamically changed in accordance with the prevailing exchange rate updated constantly even when the market value of the asset remains unchanged;

conducting in the trading server a transaction of the asset by transmitting a transaction request from the trading server to a market exchange server when the trader decides to proceed with trading the asset;

receiving a settlement notification in the trading server when the transaction of the asset is performed by the market exchange server in accordance with conditions set by the trader, wherein the trading server is configured to calculate the prevailing exchange rate from all exchange rates obtained from the one or

more currency exchange servers right before the transaction takes place when the asset is not priced in the preferred currency, and executes the transaction with the calculated prevailing exchange rate obtained right before the transaction to prevent uncertainty in currency exchanges in another time.

2. (*Currently amended*) The method as recited in claim 1, wherein said conducting in the trading server a transaction of the asset comprises:

monitoring the conditions in conjunction with the one or more currency exchange servers and the market exchange server; and

performing the transaction of the asset only when the conditions have been met involving an updated market value of the asset and an updated prevailing currency exchange rate determined from the one or more currency exchange servers at a minimum cost to the trader right before the transaction takes place.

3. (*Currently amended*) The method as recited in claim 1, further comprising:

receiving periodically an updated market value of the asset being traded from the market exchange server;

receiving periodically an updated prevailing currency exchange rate determined from the one or more currency exchange servers when the preferred currency is not identical to the market currency; and

determining whether the conditions have been met together with the updated market value of the asset and the updated prevailing currency exchange rate.

4. (*Original*) The method as recited in claim 1, further comprising:

monitoring the prevailing exchange rate in conjunction with the one or more currency exchange servers and the market exchange server to ensure that the transaction only happens when the conditions are met with the prevailing exchange rate.

5. (*Original*) The method as recited in claim 1, wherein the transaction includes first and second portions, and the method further comprising:

analyzing the transaction of the asset in the market currency to determine the first portion of the transaction is in the same preferred currency as the trader was performing the transaction; and

using the only on the second portion of the transaction in a different preferred currency.

6. (*Original*) A method for trading an asset, the method comprising:

accessing a trading server coupled over the Internet to at least two currency exchange servers and at least one market exchange server;

receiving an indication of a preferred currency from a trader;

displaying on a client computer associated with a trader at least the asset in the preferred currency while the asset is being traded in a market currency, wherein the trading server is configured to determine a prevailing exchange rate between the preferred currency and the market currency from all exchange rates obtained from the at least two currency exchange servers;

displaying all costs and fees in the preferred currency to own or sell the asset, wherein the all costs and fees are dynamically changed in accordance with the prevailing exchange rate constantly updated, a value of the asset being displayed changes as the prevailing exchange rate changes, even when a market value of the asset remains unchanged, wherein the trader has certain knowledge of what to pay for the asset, or profit or loss when acting on the asset;

receiving an instruction from the trader to trade the asset, wherein the prevailing currency exchange rate is determined again from all exchange rates obtained from the at least two currency exchange servers right before an transaction pertaining to the asset happens when the preferred currency is not identical to the market currency;

receiving a price of the asset being traded over the market exchange server, the price shown in the trading server being in the preferred currency in conjunction with the calculated prevailing currency exchange rate; and

showing a settlement of the transaction in the preferred currency after the transaction of the asset is executed with the calculated prevailing exchange rate to prevent uncertainty in currency exchanges.

7. (*Original*) The method as recited in claim 6, further comprising:

conducting the transaction of the asset between the trading server and the market exchange server when the trader decided to proceed with trading the asset; and

performing a currency exchange of the settlement in the market currency to the preferred currency by the calculated prevailing currency exchange rate when the preferred currency is not identical to the market currency so that the transaction is no longer subject to currency fluctuation at a later time.

8. (*Original*) The method as recited in claim 7, wherein the currency exchange is conducted in the currency exchange server per the calculated prevailing currency exchange rate.

9. (*Original*) The method as recited in claim 6, further comprising providing a currency conversion at a transactional level so that the trader knows exactly what ends up with the transaction of the asset.

10. (*Original*) The method as recited in claim 6, further comprising:

receiving a set of conditions for the transaction of the asset; and

monitoring the conditions in conjunction with the currency exchange server and the market exchange server.

11. (*Original*) The method as recited in claim 10, wherein said monitoring the conditions in conjunction with the currency exchange server and the market exchange server further comprises:

retrieving periodically the market value of the asset being traded on the market exchange server;

receiving periodically the prevailing currency exchange rate determined all exchanges rates from the at least two currency exchange servers when the preferred currency is not identical to the market currency; and

determining whether the conditions have been met together with the retrieved market value of the asset and the prevailing currency exchange rate.

12. (*Original*) The method as recited in claim 11, wherein the transaction of the asset only happens when the conditions have been met together with the retrieved market value of the asset and the retrieved prevailing currency exchange rate prior to the transaction.

REMARKS

A terminal disclaimer is being concurrently filed.

In the foregoing amendments, Claims 1-3 have been amended to correct some informalities. No new matters are introduced.

In view of the above amendments, the Applicant believes that Claims 1-12 shall be in condition for allowance over the cited references. Early and favorable action is being respectfully solicited.

If there are any issues remaining which the Examiner believes could be resolved through either a Supplementary Response or an Examiner's Amendment, the Examiner is respectfully requested to contact the undersigned at (408)891-9381.

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Non-Fee Amendment Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450,

Efiled via USPTO efile-system

On **12/03/2019**.

_____ / joe zheng / _____
Joe Zheng

Respectfully submitted

/ joe zheng /

Joe Zheng
Reg. No.: 39,450

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 16/113,289	Filing Date 08/27/2018	☐ To be Mailed

ENTITY: ☐ LARGE ☑ SMALL ☐ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		x $50 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $230 =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL	

APPLICATION AS AMENDED - PART II

AMENDMENT	12/03/2019	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 12	Minus	** 20	= 0		x $50 =	0
	Independent (37 CFR 1.16(h))	* 2	Minus	*** 3	= 0		x $230 =	0
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	0

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $0 =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x $0 =	
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.	SLIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/LISA R WRIGHT/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".	
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE
COMMISSIONER FOR PATENTS
P.O.BOX 1450
ALEXANDRIA VA 22313-1451

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FIRST-CLASS MAIL
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LogicPatents, LLC
21701 Stevens Creek Boulevard, #284
CUPERTINO, CA 95015

Courtesy Reminder for
Application Serial No: 16/113,289

Attorney Docket No: SVPA-029C1
Customer Number: 26797
Date of Electronic Notification: 10/03/2019

This is a courtesy reminder that new correspondence is available for this application. If you have not done so already, please review the correspondence. The official date of notification of the outgoing correspondence will be indicated on the form PTOL-90 accompanying the correspondence.

An email notification regarding the correspondence was sent to the following email address(es) associated with your customer number:
uspatents@sbcglobal.net

To view your correspondence online or update your email addresses, please visit us anytime at **https://ppair-my.uspto.gov/pair/PrivatePair.**
If you have any questions, please email the Electronic Business Center (EBC) at EBC@uspto.gov or call 1-866-217-9197.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/113,289	08/27/2018	Jacky Benmoha	SVPA-029C1	6504

26797 7590 10/03/2019
LogicPatents, LLC
21701 Stevens Creek Boulevard, #284
CUPERTINO, CA 95015

EXAMINER
KAZIMI, HANI M

ART UNIT	PAPER NUMBER
3691	

NOTIFICATION DATE	DELIVERY MODE
10/03/2019	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

uspatents@sbcglobal.net

Office Action Summary	Application No. 16/113,289	Applicant(s) Benmoha, Jacky	
	Examiner HANI M KAZIMI	Art Unit 3691	AIA (FITF) Status No

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 2 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☑ Responsive to communication(s) filed on 27 August 2018.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL.** 2b) ☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☑ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 1-12 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☑ Claim(s) 1-12 is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☐ Claim(s) _____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☑ The drawing(s) filed on 8/27/2018 is/are: a)☑ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☑ Notice of References Cited (PTO-892)

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

Notice of Pre-AIA or AIA Status

The present application is being examined under the pre-AIA first to invent provisions.

This application is in condition for allowance except for the following formal matters:

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned

with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

Claims 1-12 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claim1-36 of US Patent No. 10,062,107. Although the conflicting claims are not identical, they are not patentably distinct from each other because all sets of claims are directed to methods for providing trading platform and have overlapping limitations. All limitations of the instant claims are substantially covered in U.S. Patent No. 10,062,107.

Furthermore, the omission of an element with a corresponding loss of function is an obvious expedient. See In re Karlson, 136 USPQ 184 and Ex parte Rainu, 168 USPQ 375.

For these reasons, claims 1-12 of the instant application are not identical to claim1-36 of US Patent No. 10,062,107, but they are not patently distinct.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 25 USPQ 74, 453 O.G. 213, (Comm'r Pat. 1935).

A shortened statutory period for reply to this action is set to expire **TWO MONTHS** from the mailing date of this letter.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hani Kazimi whose telephone number is (571) 272-6745. The examiner can normally be reached Monday-Friday from 8:30 AM to 5:00 PM.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alexander Kalinowski can be reached on (571) 272-6771. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Respectfully Submitted

/HANI M KAZIMI/
Primary Examiner, Art Unit 3691

Notice of References Cited	Application/Control No. 16/113,289	Applicant(s)/Patent Under Reexamination Benmoha, Jacky	
	Examiner HANI M KAZIMI	Art Unit 3691	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20090271325-A1	10-2009	Wilson; Brian	G06Q40/06	705/36R
*	B	US-20070174181-A1	07-2007	Brummette; Randall	G06Q20/10	705/37
*	C	US-20040210512-A1	10-2004	Fraser, Stuart A.	G06Q30/08	705/37
*	D	US-20040236664-A1	11-2004	Sellberg, Lars-Ivar	G06Q40/04	705/37
*	E	US-20040215539-A1	10-2004	Doi, Masatsugu	G06Q40/00	705/35
*	F	US-20040143536-A1	07-2004	Haberle, Rainer	G06Q40/04	705/37
*	G	US-20040098334-A1	05-2004	Brusso, Scott	G06Q40/00	705/37
*	H	US-20020161692-A1	10-2002	Loh, Wing Wah	G06Q40/00	705/37
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
*	U	Currenex web site, "Currenex, Inc. is accelerating the transformation of the FX marketplace into the world of ecommerce", 05 June 2000, pages 1-10. (Year: 2000)
*	V	Currenex web site, fxweek, "Currenex Launches Multi-Bank Web Based FX Trading System" London-New York Vol 11 No 18, May 1,2000. (Year: 2000)
*	W	Currenex web site, James R. Kraus, American Banker.com "National/Golbal Forex Trading Sites May Erode Bank Revenues" 05/04 /2000. (Year: 2000)
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	16/113,289	Benmoha, Jacky
	Examiner	**Art Unit**
	HANI M KAZIMI	3691

CPC - Searched*		
Symbol	**Date**	**Examiner**
(G06Q40/00 G06Q40/04 G06Q30/00 G06Q30/06 G06Q30/08)	09/27/2019	HK

CPC Combination Sets - Searched*		
Symbol	**Date**	**Examiner**

US Classification - Searched*			
Class	**Subclass**	**Date**	**Examiner**
705	37	09/27/2019	HK

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	**Date**	**Examiner**
(G06Q40/00 G06Q40/04 G06Q30/00 G06Q30/06 G06Q30/08)	9/27/19	HK
705/37	09/27/2019	HK
Inventor/Assignee search	09/27/2019	HK
EAST search	09/27/2019	HK
NPL search	09/27/2019	HK

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**

Bibliographic Data

Application No: 16/113,289

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /HANI M KAZIMI/ (Examiner's Signature) | Initials

Title: Method and apparatus for displaying trading assets in a preferred currency

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FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
08/27/2018	705	3691	SVPA-029C1
RULE			

APPLICANTS

INVENTORS

Jacky Benmoha Holmdel, NJ, UNITED STATES

CONTINUING DATA

This application is a CON of 11736583 04/18/2007 PAT 10062107

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

09/12/2018

**** MICRO ENTITY ****

STATE OR COUNTRY

UNITED STATES

ADDRESS

LogicPatents, LLC
21701 Stevens Creek Boulevard, #284
CUPERTINO, CA 95015
UNITED STATES

FILING FEE RECEIVED

$430

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5246	705/37.ccls.	USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 20:15
S2	26426	(G06Q40/00 OR G06Q40/04 OR G06Q30/00 OR G06Q30/06 OR G06Q30/08).cpc.	USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 20:18
S3	26745	S1 S2	USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 20:18
S4	395216	(trade trading (cross adj market$4))	USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:01
S5	9941	(trade trading (cross adj market$4)).ti,ab.	USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:01
S6	0	("20060095361" | "20060173771").PN.	USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:18
S7	5246	705/37.ccls.	USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:18
S8	26426	(G06Q40/00 OR G06Q40/04 OR G06Q30/00 OR G06Q30/06 OR G06Q30/08).cpc.	USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:18
S9	395216	(trade trading (cross adj market$4))	USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:18
S10	702587	(trade trading (cross adj market$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:19
S11	11718	705/37.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:19
S12	67890	(G06Q40/00 OR G06Q40/04 OR G06Q30/00 OR G06Q30/06 OR G06Q30/08).cpc.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:22
S13	11324	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:22
S14	68284	S11 S12	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:22
S15	8614	S13 and (trade trading (cross adj	US-PGPUB;	OR	ON	2018/05/28

		market$4))	USPAT; USOCR; EPO; JPO			21:23
S16	24099	S14 and (trade trading (cross adj market$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:23
S17	3850	S13 and (trade trading (cross adj market$4)) and @ad<"20070418"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:28
S18	10135	S14 and (trade trading (cross adj market$4)) and @ad<"20070418"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:28
S19	2	("20060095361" | "20060173771").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:29
S20	218	consolid$5 near3 (trade trading (cross adj market$4))	USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:30
S21	110	consolid$5 near3 (trade trading (cross adj market$4)) and @ad<"20070418"	USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:31
S22	13	consolid$5 near3 (trade trading (cross adj market$4)) and @ad<"20070418" and currency with exchange	USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:32
S23	1	currency with preferred	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:35
S24	29	S14 and (trade trading (cross adj market$4)) and @ad<"20070418" and currency with (preferred prevail$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:38
S25	28	S14 and (trade trading (cross adj market$4)) and @ad<"20070418" and currency with (preferred prevail$3) and rate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:38
S26	16999	(trade trading (cross adj market$4)).ti,ab.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:38
S27	343	consolid$5 near3 (trade trading (cross adj market$4)) and (trade trading (cross adj market$4)).ti,ab.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:39
S28	0	S27 and @ad<"20070418" and (currency with (preferred prevail$3)) and rate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:40
S29	16	S27 and @ad<"20070418" and currency near3 rate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:41
S30	399	(trade trading (cross adj market$4)) and @ad<"20070418" and currency with	US-PGPUB; USPAT;	OR	ON	2018/05/28 21:43

		conver$5 and currency near3 rate	USOCR; EPO; JPO			
S31	24	(trade trading (cross adj market$4)) and @ad<"20070418" and currency with conver$5 and currency near3 rate and dynamic$4 near5 chang$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 21:45
S32	473	(trade trading (cross adj market$4)) and @ad<"20070418" and (currency.ti,ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 22:41
S33	171	(trade trading (cross adj market$4)).ti,ab. and @ad<"20070418" and (currency.ti,ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 22:41
S34	0	(trade trading (cross adj market$4)).ti,ab. and @ad<"20070418" and ((currency with coversion).ti,ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 22:42
S35	30	(trade trading (cross adj market$4)).ti,ab. and @ad<"20070418" and ((currency with rate).ti,ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2018/05/28 22:42
S36	5239	705/37.ccls.	USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S37	27215	(G06Q40/00 OR G06Q40/04 OR G06Q30/00 OR G06Q30/06 OR G06Q30/08).cpc.	USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S38	27534	S36 S37	USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S39	418179	(trade trading (cross adj market$4))	USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S40	10426	(trade trading (cross adj market$4)).ti,ab.	USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S41	0	("20060095361" | "20060173771").PN.	USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S42	5239	705/37.ccls.	USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S43	27215	(G06Q40/00 OR G06Q40/04 OR G06Q30/00 OR G06Q30/06 OR G06Q30/08).cpc.	USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S44	418179	(trade trading (cross adj market$4))	USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S45	753329	(trade trading (cross adj market$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S46	11716	705/37.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S47	71364	(G06Q40/00 OR G06Q40/04 OR	US-PGPUB;	OR	ON	2019/09/27

		G06Q30/00 OR G06Q30/06 OR G06Q30/08).cpc.	USPAT; USOCR; EPO; JPO			08:21
S48	11319	S46 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S49	71761	S46 S47	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S50	8614	S48 and (trade trading (cross adj market$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:21
S51	25637	S49 and (trade trading (cross adj market$4))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S52	3848	S48 and (trade trading (cross adj market$4)) and @ad<"20070418"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S53	10126	S49 and (trade trading (cross adj market$4)) and @ad<"20070418"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S54	2	("20060095361" | "20060173771").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S55	237	consolid$5 near3 (trade trading (cross adj market$4))	USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S56	110	consolid$5 near3 (trade trading (cross adj market$4)) and @ad<"20070418"	USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S57	13	consolid$5 near3 (trade trading (cross adj market$4)) and @ad<"20070418" and currency with exchange	USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S58	1	currency with preferred	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S59	29	S49 and (trade trading (cross adj market$4)) and @ad<"20070418" and currency with (preferred prevail$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S60	28	S49 and (trade trading (cross adj market$4)) and @ad<"20070418" and currency with (preferred prevail$3) and rate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S61	17945	(trade trading (cross adj market$4)).ti,ab.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S62	368	consolid$5 near3 (trade trading (cross adj market$4)) and (trade trading (cross	US-PGPUB; USPAT;	OR	ON	2019/09/27 08:22

		adj market$4)).ti,ab.	USOCR; EPO; JPO			
S63	0	S62 and @ad<"20070418" and (currency with (preferred prevail$3)) and rate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S64	16	S62 and @ad<"20070418" and currency near3 rate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S65	400	(trade trading (cross adj market$4)) and @ad<"20070418" and currency with conver$5 and currency near3 rate	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S66	24	(trade trading (cross adj market$4)) and @ad<"20070418" and currency with conver$5 and currency near3 rate and dynamic$4 near5 chang$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S67	473	(trade trading (cross adj market$4)) and @ad<"20070418" and (currency.ti,ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S68	171	(trade trading (cross adj market$4)).ti,ab. and @ad<"20070418" and (currency.ti,ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S69	0	(trade trading (cross adj market$4)).ti,ab. and @ad<"20070418" and ((currency with coversion).ti,ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22
S70	30	(trade trading (cross adj market$4)).ti,ab. and @ad<"20070418" and ((currency with rate).ti,ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2019/09/27 08:22

9/27/2019 9:56:42 AM
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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
16/113,289	08/27/2018	3693	430	SVPA-029C1	12	2

CONFIRMATION NO. 6504

FILING RECEIPT

26797
LogicPatents, LLC
21701 Stevens Creek Boulevard, #284
CUPERTINO, CA 95015

OC000000102255381

Date Mailed: 09/13/2018

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Inventor(s)

Jacky Benmoha, Holmdel, NJ;

Applicant(s)

Jacky Benmoha, Holmdel, NJ;

Power of Attorney: The patent practitioners associated with Customer Number 26797

Domestic Priority data as claimed by applicant

This application is a CON of 11/736,583 04/18/2007 PAT 10062107

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: No

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The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 16/113,289**
Projected Publication Date: Request for Non-Publication Acknowledged

Non-Publication Request: Yes

Early Publication Request: No
**** MICRO ENTITY ****
Title

Method and apparatus for displaying trading assets in a preferred currency

Preliminary Class

705

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

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Title 37, Code of Federal Regulations, 5.11 & 5.15

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PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number
16/113,289

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	75
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	165
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	190
TOTAL CLAIMS (37 CFR 1.16(i))	12 minus 20 =	*			OR	x 25 =	0.00
INDEPENDENT CLAIMS (37 CFR 1.16(h))	2 minus 3 =	*				x 115 =	0.00
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						0.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0.00
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	430

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
AMENDMENT A	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
AMENDMENT A	Application Size Fee (37 CFR 1.16(s))									
AMENDMENT A	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE($)	ADDITIONAL FEE($)	OR	RATE($)	ADDITIONAL FEE($)
AMENDMENT B	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
AMENDMENT B	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
AMENDMENT B	Application Size Fee (37 CFR 1.16(s))									
AMENDMENT B	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
16/113,289	08/27/2018	Jacky Benmoha	SVPA-029C1

CONFIRMATION NO. 6504

INFORMAL NOTICE

26797
LogicPatents, LLC
21701 Stevens Creek Boulevard, #284
CUPERTINO, CA 95015

OC000000102255382

Date Mailed: 09/13/2018

INFORMATIONAL NOTICE TO APPLICANT

Applicant is notified that the above-identified application contains the deficiencies noted below. No period for reply is set forth in this notice for correction of these deficiencies. However, if a deficiency relates to the inventor's oath or declaration, the applicant must file an oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each actual inventor no later than the expiration of the time period set in the "Notice of Allowability" to avoid abandonment. See 37 CFR 1.53(f).

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

A new inventor's oath or declaration that identifies this application (e.g., by Application Number and filing date) is required. The inventor's oath or declaration does not comply with 37 CFR 1.63 in that it:

- does not state that the above-identified application was made or authorized to be made by the person executing the oath or declaration.
  Jacky Benmoha

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/hachristian/

Doc Code: MES.GIB
Document Description: Certification of Micro Entity Status (Gross Income Basis)

PTO/SB/15A (07-14)

CERTIFICATION OF MICRO ENTITY STATUS
(GROSS INCOME BASIS)

Application Number or Control Number (if applicable):	Patent Number (if applicable):
First Named Inventor: Jacky Benmoha	Title of Invention: Method and apparatus for displaying trading assets in a preferred currency

The applicant hereby certifies the following—

(1) **SMALL ENTITY REQUIREMENT** – The applicant qualifies as a small entity as defined in 37 CFR 1.27.

(2) **APPLICATION FILING LIMIT** – Neither the applicant nor the inventor nor a joint inventor has been named as the inventor or a joint inventor on more than four previously filed U.S. patent applications, excluding provisional applications and international applications under the Patent Cooperation Treaty (PCT) for which the basic national fee under 37 CFR 1.492(a) was not paid, and also excluding patent applications for which the applicant has assigned all ownership rights, or is obligated to assign all ownership rights, as a result of the applicant's previous employment.

(3) **GROSS INCOME LIMIT ON APPLICANTS AND INVENTORS** – Neither the applicant nor the inventor nor a joint inventor, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986 (26 U.S.C. 61(a)), exceeding the "Maximum Qualifying Gross Income" reported on the USPTO Web site at http://www.uspto.gov/patents/law/micro_entity.jsp which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.

(4) **GROSS INCOME LIMIT ON PARTIES WITH AN "OWNERSHIP INTEREST"** – Neither the applicant nor the inventor nor a joint inventor has assigned, granted, or conveyed, nor is under an obligation by contract or law to assign, grant, or convey, a license or other ownership interest in the application concerned to an entity that, in the calendar year preceding the calendar year in which the applicable fee is being paid, had a gross income, as defined in section 61(a) of the Internal Revenue Code of 1986, exceeding the "Maximum Qualifying Gross Income" reported on the USPTO Web site at http://www.uspto.gov/patents/law/micro_entity.jsp which is equal to three times the median household income for that preceding calendar year, as most recently reported by the Bureau of the Census.

SIGNATURE by an authorized party set forth in 37 CFR 1.33(b)

Signature					
Name	Jacky Benmoha				
Date	08/24/18	Telephone		Registration No.	

☐ There is more than one inventor and I am one of the inventors who are jointly identified as the applicant. The required additional certification form(s) signed by the other joint inventor(s) are included with this form.

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Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82A (07-13)
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Application Number	Unsigned
Filing Date	Herewith
First Named Inventor	Jacky Benmoha
Title	Method and apparatus for displaying trading assets in a preferred currency
Art Unit	
Examiner Name	
Attorney Docket Number	SVPA-029C1

SIGNATURE of Applicant or Patent Practitioner

Signature	/ joe zheng /	Date (Optional)	
Name	Joe Zheng	Registration Number	39450
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

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POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

☑ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above: 26797

OR

☐ I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

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OR

☐ The address associated with Customer Number:

OR

Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

☑ Inventor or Joint Inventor (title not required below)

☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)

☐ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)

☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature		Date (Optional)	
Name	Jacky Benmoha		
Title	Applicant		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

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This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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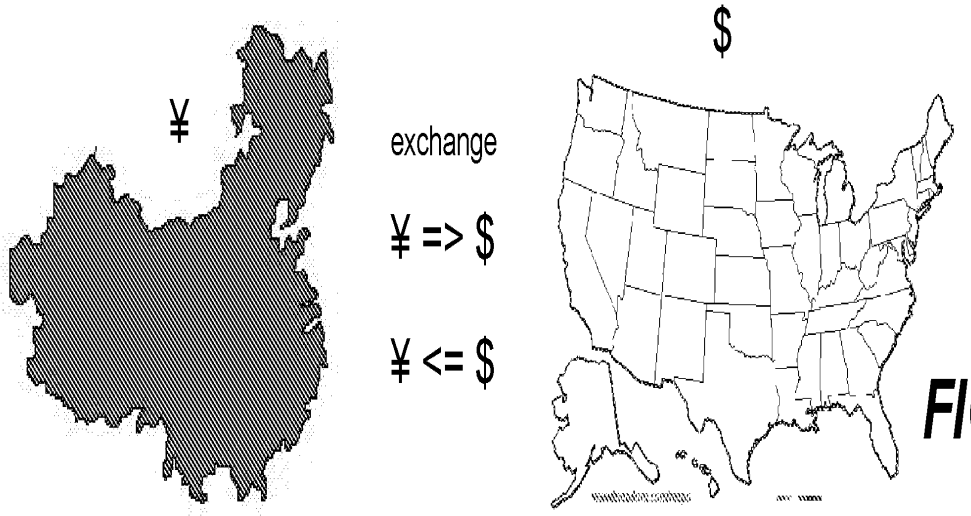

FIG. 1

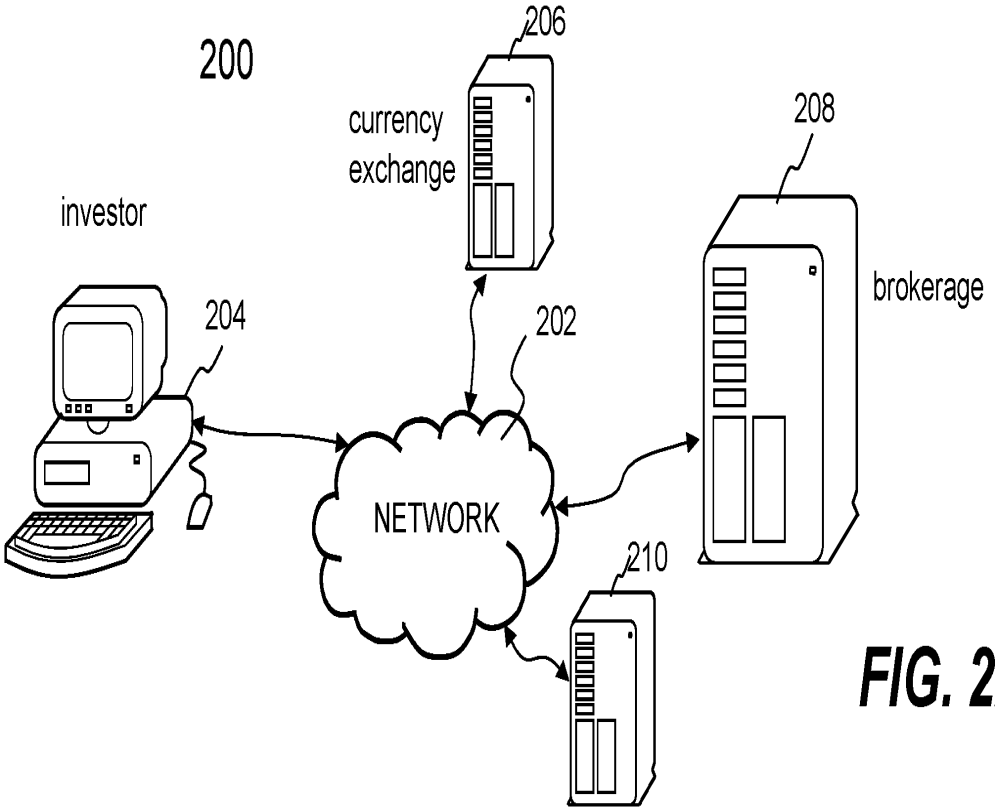
200
206
currency
exchange
208
investor
brokerage
204
202
NETWORK
210

FIG. 2A

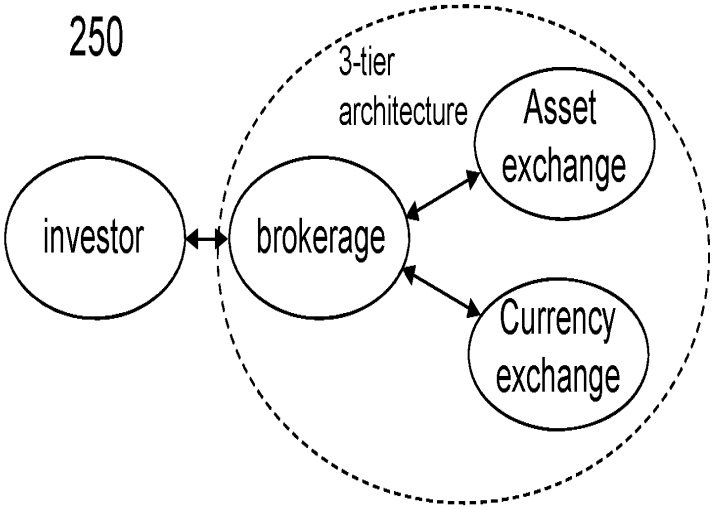
250
3-tier
architecture
Asset
exchange
investor
brokerage
Currency
exchange

FIG. 2B

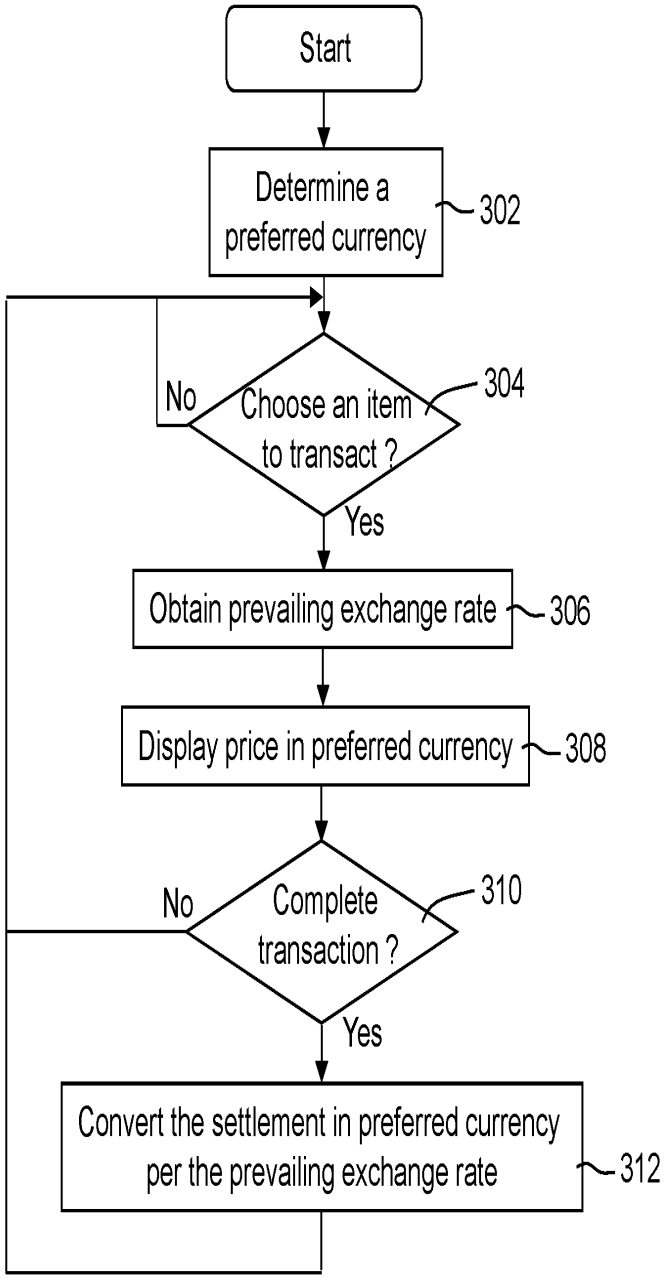
Start
300
Determine a preferred currency
302
Choose an item to transact ?
304
No
Yes
Obtain prevailing exchange rate
306
Display price in preferred currency
308
Complete transaction ?
310
No
Yes
Convert the settlement in preferred currency per the prevailing exchange rate
312

FIG. 3

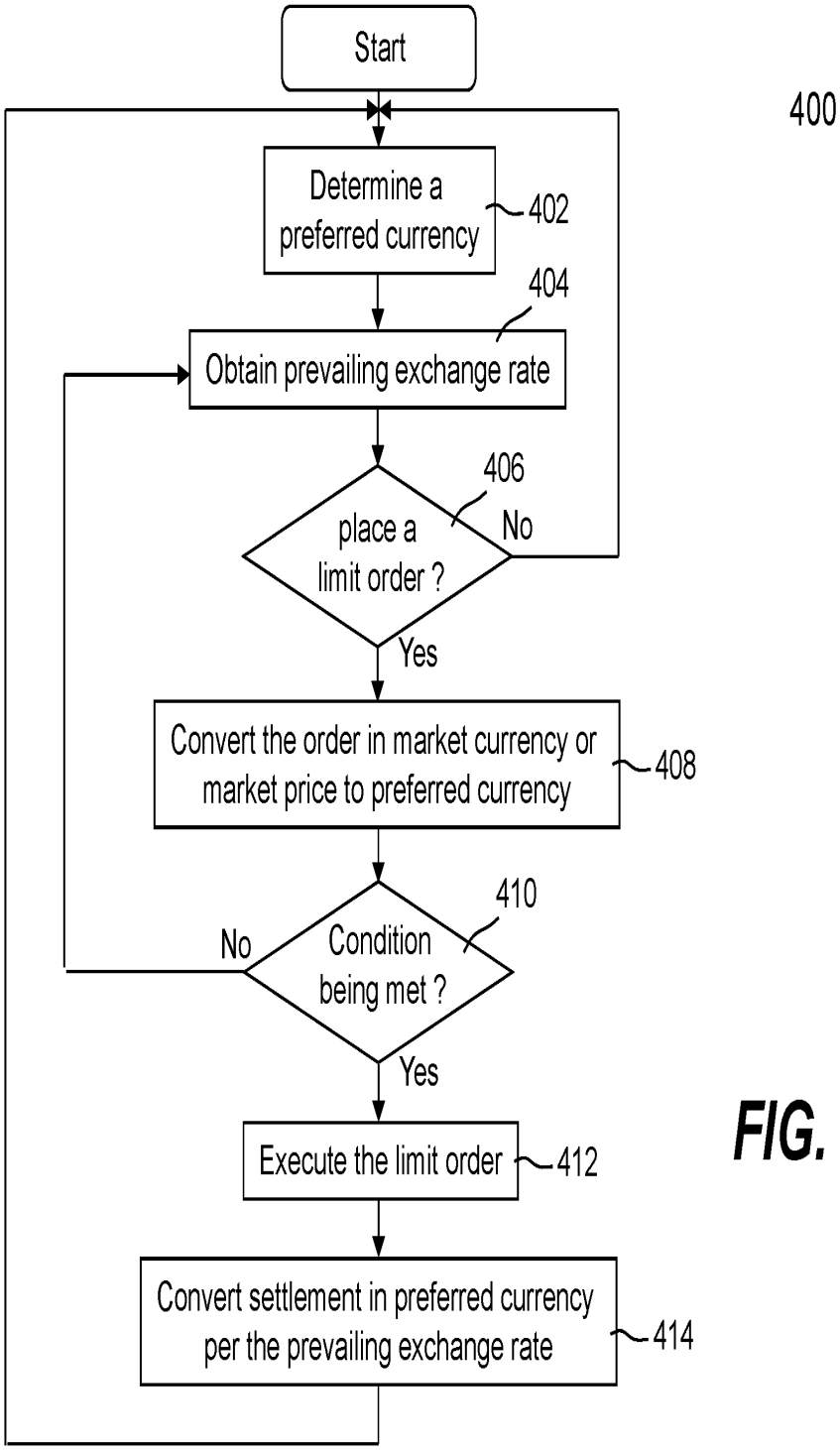
Start
400
Determine a preferred currency
402
404
Obtain prevailing exchange rate
406
place a limit order ?
No
Yes
Convert the order in market currency or market price to preferred currency
408
410
Condition being met ?
No
Yes
Execute the limit order
412
Convert settlement in preferred currency per the prevailing exchange rate
414

FIG. 4

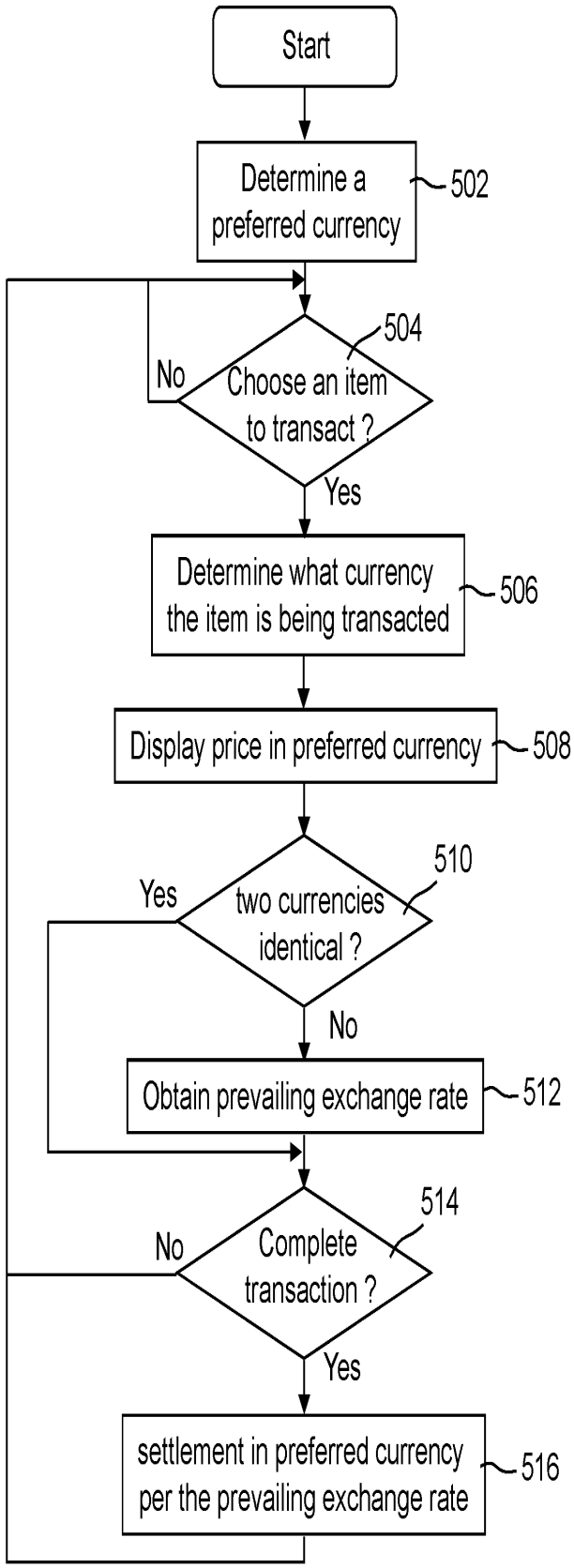
Start
Determine a preferred currency
502
500
504
Choose an item to transact ?
No
Yes
Determine what currency the item is being transacted
506
Display price in preferred currency
508
510
two currencies identical ?
Yes
No
Obtain prevailing exchange rate
512
514
Complete transaction ?
No
Yes
settlement in preferred currency per the prevailing exchange rate
516

FIG. 5

Method and apparatus for displaying trading assets in a preferred currency

Jacky Benmoha

FIELD OF THE INVENTION

[0001] The present invention is generally related to the area of transactions in finance. More particularly, the present invention is related to systems and methods for providing a consolidated trading platform allowing traders to trade various assets in a preferred currency regardless where and in what currency the asset is typically traded.

BACKGROUND

[0002] One of the successful applications on the Internet is electronic commerce. Electronic commerce is an integrative concept designed whereby business commercial communications and management are conducted through electronic methods, such as electronic data interchange and automated data-collection systems, all via the Internet. Electronic commerce is seen and utilized in many industries and markets, and it has also penetrated into the financial markets, which for many years were traded manually or with a high degree of broker intervention. The vast accessibility of the Internet and of electronic networks in general makes it possible to connect buyers and sellers more quickly and objectively.

[0003] For example, one of the largest financial services providers, Charles Schwab & Co. has changed its core business from retail to online business. With the establishment of its website www.schwab.com, Charles Schwab allows qualified investors to trade US securities at any time from anywhere as long as Wall Street is in session. To attract investors residing in other countries, Charles Schwab has websites

in different foreign languages, such as Chinese. As a result, investors residing in China can trade the US securities from their accounts at Charles Schwab via the Internet.

[0004] However, all accounts at Charles Schwab must be in US dollars and all transactions must be conducted in US dollars. FIG. 1 illustrates a process how an investor in China would trade securities listed on a US exchange (e.g., NASDAQ). Because all securities listed on a US exchange are traded in US dollars the investor must first pre-allocate a bulk amount in his/her local currency (e.g., RMB ¥) and look for a source to convert the amount into US dollars that are then deposited into a brokerage (e.g., Charles Schwab) by wire or check. Through the brokerage, the investor may place multiple orders to buy stocks being traded on a US exchange. At a later time, when the investor wishes to realize the profit or loss on his US dollar-denominated stock he must sell his stock and then separately find a foreign exchange resource to convert the settlement of selling the stock back to his local currency. At the time of buying or selling the stocks, as well as during the whole period the investor held the stocks, the investor had no certain knowledge of what profit or loss he was going to get because the currency exchange rate must be obtained for a bulk amount at another time, which may fluctuate significantly enough to affect the ultimate profit or loss.

[0005] One of the problems in the current trading system is that the currency conversion is not at a transactional level. There is a great need for an improved system which performs currency conversion on a transactional level so that a trader or investor knows exactly what profit or loss may occur with a transaction. It is desirable for a trading system to be able to show prices as well as conduct all transactions in a currency preferred by an investor regardless of whatever currency being used in the primary market for the security/asset.

SUMMARY OF THE INVENTION

[0006] This section is for the purpose of summarizing some aspects of the present invention and to briefly introduce some preferred embodiments. Simplifications or omissions in this section as well as in the title and the abstract of this disclosure may be made to avoid obscuring the purpose of the section, the title and the abstract. Such simplifications or omissions are not intended to limit the scope of the present invention.

[0007] Broadly speaking, the invention relates to methods, processes and systems for conducting security transactions in a preferred currency regardless of what original or market currency the securities are being traded in and where the transaction may take place. Securities include but are not limited to a wide array of electronically traded financial assets such as stocks, bonds, options, commodities (e.g., oil, gold), futures/derivatives contracts, funds, index funds, mutual funds, exchange traded funds. According to one aspect of the present invention, a three-tier architecture is presented, which includes a brokerage, a market exchange where securities/assets are traded, and a currency exchange where amounts in one currency can be converted to corresponding amounts in another currency at prevailing rates. Through a consolidated trading platform, the brokerage presents all prices, market data, P&L estimates, and transaction results or settlements in a preferred currency, in conjunction with the market exchange and the currency exchange. As a result, a trader always knows exactly what he/she may end up with a transaction of an asset. Furthermore, according to another aspect of the present invention, when the transaction of the asset is actually performed, the consolidated trading platform can also perform a currency conversion automatically based on specified conditions. Herein the term “trader” represents any initiator of the securities transaction, which includes but is not limited to an individual investor, an institutional investor, an asset manager, a hedge fund, or an electronic order system which automates the work of a human trader or an electronic “black box” algorithmic trading system.

[0008] According to still another aspect of the present invention, orders with conditions (e.g., a limit order, or a stop order) are only executed when the conditions are

met with reference to the market price from the market exchange together with the currency exchange rate from the currency exchange.

[0009] As it is well known that when investing in another country or in another currency, cost and risk are incurred when a currency conversion is performed, traders trading in the same preferred or home currency would benefit if their transactions could be performed without any currency conversion. Therefore, according to still another aspect of the present invention, the consolidated trading platform analyzes transactions where two or more traders have placed orders in the same assets to determine whether or not the traders can be matched directly without currency conversion even when they share a preferred currency which may differ from the market currency for the asset.

[0010] The invention may be implemented in numerous ways, including a method, system, device, or a computer readable medium. Several embodiments of the invention are discussed below. In one embodiment, the invention is a method for providing a consolidated trading platform and the method comprises: providing access to a trading server that is coupled to a currency exchange server and a market exchange server; determining the preferred currency chosen by the trader, determining whether an asset is being chosen for trading; determining the market currency of the asset being traded at the market exchange; receiving a prevailing currency exchange rate from the currency exchange server if the preferred currency is not identical to the market currency; receiving a price of the asset being traded from the market exchange server, converting the price received by the trading server from the market exchange server to the preferred currency using rates supplied by the currency exchange server and, if the trader chooses to transact the asset, performing a transaction of the asset on the market exchange and a conversion of the proceeds of the transaction into the preferred currency on the currency exchange.

[0011] According to another embodiment, the present invention is a software product providing a consolidated trading platform. The software product may be loaded in a computing machine to provide the functions, benefits, objects and processes contemplated in the present invention. The computing machine may be a server or

servers provided by a financial institution. The software product comprises: programming code for providing access to a trading server that is coupled to a currency exchange server and a market exchange server; programming code for determining whether an asset is being chosen for trading; programming code for determining the preferred currency chosen by a trader; programming code for determining a market currency of the asset being traded; programming code for receiving a prevailing currency exchange rate from the currency exchange server if the preferred currency is not identical to the market currency; programming code for receiving a price of the asset being traded from the market exchange server, converting the price received by the trading server from the market exchange server to the preferred currency using rates supplied by the currency exchange; and programming code allowing the trader to transact the asset, performing a transaction of the asset on the market exchange and a conversion of the proceeds of the transaction into the preferred currency on the currency exchange.

[0012] Accordingly, one of the objects of the present inventions is to provide a consolidated platform for conducting security transactions in a preferred currency regardless what original or market currency the securities are being traded in and where the transaction may take place.

[0013] Other objects, features, and advantages of the present invention will become apparent upon examining the following detailed description of an embodiment thereof, taken in conjunction with the attached drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

[0014] The invention will be readily understood by the following detailed description in conjunction with the accompanying drawings, wherein like reference numerals designate like structural elements, and in which:

[0015] FIG. 1 shows a process how an investor in China would trade a security item listed on a US exchange (e.g., NASDAQ);

[0016] FIG. 2A illustrates a system configuration in which the present invention may be practiced in accordance with one embodiment thereof;

[0017] FIG. 2B shows a three-tier architecture in which there are three elements together providing various transactions in a preferred currency;

[0018] FIG. 3 shows a flowchart or process of conducting a transaction by a trader in a chosen currency other than a market currency;

[0019] FIG. 4 shows a flowchart or process of executing a conditional order (e.g., limit order, or stop order) by a trader; and

[0020] FIG. 5 shows a flowchart or process of currency neutral trading.

DETAILED DESCRIPTION OF THE INVENTION

[0021] The detailed description of the invention is presented largely in terms of procedures, steps, logic blocks, processing, and other symbolic representations that directly or indirectly resemble the operations of data processing devices coupled to networks. These process descriptions and representations are typically used by those skilled in the art to most effectively convey the substance of their work to others skilled in the art. Numerous specific details are set forth in order to provide a thorough understanding of the present invention. However, it will become obvious to those skilled in the art that the present invention may be practiced without these specific details. In other instances, well known methods, procedures, components, and circuitry have not been described in detail to avoid unnecessarily obscuring aspects of the present invention.

[0022] Reference herein to “one embodiment” or “an embodiment” means that a particular feature, structure, or characteristic described in connection with the embodiment can be included in at least one embodiment of the invention. The appearances of the phrase “in one embodiment” in various places in the specification are not necessarily all referring to the same embodiment, nor are separate or alternative embodiments mutually exclusive of other embodiments. Further, the order of blocks in process flowcharts or diagrams representing one or more embodiments of the invention do not inherently indicate any particular order nor imply any limitations in the invention.

[0023] Referring now to the drawings, in which like numerals refer to like parts throughout the several views. FIG. 2A illustrates a system configuration **200** in which the present invention may be practiced in accordance with one embodiment thereof. The configuration **200** includes a network **202** that may be the Internet, the Intranet and a data network of other private or public networks, and in form of wireless or landlines. Coupled to the network **202** is a client machine **204** that represents one of many client machines that may be accessed by or associated with traders residing anywhere. As used herein the client machine may include, but is not limited to, any form of desktop or laptop or server computer, handheld wireless device, or mobile phone which allows an investor to communicate electronically for trading purposes. Further, a trader may include, but not be limited to, a user, an individual, an investor or an institution that transact (e.g., buy or sell) assets, wherein the assets may include, but not be limited to, various securities. Examples of securities and assets include, but are not limited to, stocks, options, bonds, futures contracts, commodities (oil/gold), derivatives contracts, mutual funds, exchange traded funds, or any other OTC (over the counter) or exchange listed instruments. Exemplary issuers of securities include commercial companies, government agencies, local authorities and international and supranational organizations (such as the World Bank).

[0024] Also coupled to the network **202** are three servers **206**, **208** and **210**. The server **206** represents a bank, an exchange agency, a multibank portal or matching service providing a currency exchange rate to buy or sell a type of currency for another. The server **208** represents a brokerage (e.g., Scottrade) to faciliate a transaction decided by a trader. The server **210** represents an asset or market exchange (e.g., NYSE) where an asset is caused to change hands. According to one aspect of the present invention, assuming a user has already established an account with the brokerage and authorized to access the account, what the user sees is everything in a preferred currency (e.g., euro, yen or RMB) including all transactions (e.g., to sell or buy an asset) and profit and loss. One of the features, benefits, and advantages of the present invention is to provide a mechanism that shows all transactions in a preferred currency regardless of whatever currency an asset is originally priced. The mechanism conducts a transactional level currency conversion. As a result, a trader knows exactly what profits and losses he/she is going to get in the transaction, without being subject to uncertainty in currency conversion of another time.

[0025] According to one embodiment, the present invention is based on a three-tier architecture as shown in FIG. 2B in which there are three elements together providing a consolidated trading platform. These three elements are communicating over a network, together providing all transactions in a local currency upon a real-time transactional level currency conversion. Depending on implementation, respective modules may be executed in each, some or all of the elements. It should be noted, however, the three elements may be implemented in a single computing machine which may be viewed as a single server or distributed over many servers owned by different organizations.

[0026] FIG. 3 shows a flowchart or process **300** of conducting a transaction by a trader. The process **300** may be implemented in software, hardware or a combination of

both. The process **300** starts at **302** where it determines what type of currency (e.g., Yen, RMB, EURO) that has been determined by the trader. For example, the trader resides in Japan and keeps his money in Japanese yen, thus the preferred currency is the Japanese yen. Once the currency is determined, all subsequent transactions, market data or quotes are presented in the chosen currency in conjunction with a prevailing currency exchange rate provided by an exchange agent. At **304**, the process **300** determines whether an item (e.g., a stock of XYZ company) has been chosen for transaction (e.g., buying or selling the stock). If a trader has not selected an item for trading, the process **300** goes back awaiting a selected item. Based on the preferred currency, a prevailing exchange rate is obtained at **306** from a currency exchange. In one embodiment, the prevailing exchange rate is provided by a participating financial agency that is willing to buy the Japanese yen and sell US dollars at the published exchange rate.

[0027] The item is assumed to be priced in US dollars. Given the prevailing exchange rate, the various costs of the item are displayed in the Japanese yen at **308**. The costs include, but may not be limited to, a current market cost of the item to own or to sell, a transaction cost, and a total cost including all the costs and fees. Thus the trader has certain knowledge of what to pay for the item, or profit or loss when selling the item.

[0028] The process **300** now goes to **310** where the trader decides whether the item shall be bought or sold. If for some reason that the trader decides not to continue the transaction (e.g., not to own or sell the asset), the process **300** goes back to **302** where the trader may choose another item for trading. Now it is assumed that the trader decides to proceed with the item (e.g., to own or sell the asset), the process **300** goes to **312** where the transaction is completed (i.e., settled) in the preferred currency.

[0029] In one embodiment, to complete the transaction in the preferred currency, the currency exchange converts all settlements to the preferred currency per the prevailing exchange rate, as if the item has changed hands in the preferred currency. In other words, as shown in FIG. 2A, the server **208** communicates with the server **210** to complete the currency conversion. Depending on implementation, the server **210** may be part of the brokerage or an independent agent, and the currency convention may actually happen (actually money exchanged) or credits may be used in the account.

[0030] According to another embodiment, an investor is planning to invest in the commodity of light sweet crude oil, contracts of which are priced in US dollars on the NYMEX. As the price of the contract is priced in USD while the investor has selected a home currency of EURO, one or more modules in the embodiment of the present invention monitors the prevailing interbank market price of the ratio of EUR/USD as well as the price of oil and updates the price displayed to the investor accordingly. At any point in time the price of the contract displayed to the investor follows the relationship:

Price of Asset in Home Currency = (Price of Asset in USD) / (Rate of EUR/USD)

[0031] If the price of oil is $50/barrel and the rate of EUR/USD is 1.30 (i.e. 1 EURO = 1.3000 US dollars), the effective price of the asset in home currency is 38.46 Euros, and this is the price that can be displayed to the investor. It may be noted that the exchange rate used may be based on the settlement date of the asset class, for instance, a 30-day oil contract may use the EUR/USD 30-day forward rate, whereas a US equity would use a EUR/USD spot next rate.

[0032] The investor is able to view and make purchase or sale decisions based on the combined price, which contains both the asset price and the currency price.

[0033] FIG. 4 shows a flowchart or process **400** of executing a limited order by a trader. The process **400** may be implemented in software, hardware or a combination of both. The process **400** starts at **402** where a preferred currency is determined by the trader. Based on the preferred currency, a prevailing exchange rate is obtained at **404** from a currency exchange. It is assumed that the item being exchanged is in a different currency (i.e., a market currency). At **406**, the process **400** determines whether a limit order of an item has been placed. If no order is placed, the process **400** goes back to **402**.

[0034] It is now assumed that a limit order is placed at **410**, for example, to buy 100 common shares of Microsoft Corporation at RMB ¥ 220/share, good until cancelled. At the time the order is placed, the prevailing exchange rate from RMB to USD is 0.125 and the stock is traded at USD 28/share or RMB ¥ 224/share. Accordingly, the condition of the limit order is not met at **412** and the order will not be executed. The limit order is essentially an open order. As the time goes, either or both of the stock price and the exchange rate change. The process **400** goes back to **404** to obtain an updated exchange rate and unify all parameters into one currency (e.g., either in RMB or USD) at **408** so that the condition of the limit order can be verified at **410** again.

[0035] It is assumed that either the stock price has dropped a little, the exchange rate increases, or both of the stock price or the exchange rate change in favor to the condition of the limit order, the condition of buying 100 common shares of Microsoft Corporation at RMB ¥ 220/share is subsequently met at **410**, the order is executed at **412**.

[0036] To complete the transaction in the preferred currency, the currency exchange converts the settlement to RMB per the prevailing exchange rate at **414**, as if

the stock has changed hands in RMB. In other words, as shown in FIG. 2A, the server **208** communicates with the server **210** to complete the currency convention.

[0037] FIG. 5 shows a flowchart or process **500** of currency neutral trading. The process **500** may be implemented in software, hardware or a combination of both. As it is well known that, when investing in another country or in any currency, the cost and risk are incurred when a currency conversion is performed. Investors trading in the same home currency would benefit if their transactions could be performed without any currency conversion. In one aspect of the present invention, one embodiment implementing the process **500** is configured to analyze orders and purchases/sales and determine whether or not investors can be matched without currency conversion.

[0038] The process **500** starts at **502** where it determines what type of currency is preferred by a trader. At **504**, the process **500** determines whether an item (e.g., a stock of XYZ company) has been chosen for transaction (e.g., buying or selling the stock). If a trader has not selected an item for trading, the process **500** goes back awaiting a selected item. At **506**, the process **500** checks with an exchange to determine what currency the item is being traded. Regardless whatever the currency the item is being traded, the order is always in the preferred currency selected by the trader at **508**.

[0039] At **510**, the process **500** determines whether the currency being traded is identical to the preferred currency. If the two currencies are different, the process goes to **514** after obtaining a prevailing currency exchange rate at **512**, where the trader has the option to complete the transaction or choose a different item for trading at **514**. If the two currencies are identical, which means there is no need to conduct a currency convention, the process goes to **514** directly. One of the advantages, benefits and

objects of the process **500** is the inherent ability to analyze orders and purchases/sales and determine whether or not investors can be matched without currency conversion.

[0040] For example, two investors sharing Euro as a home currency, both elect to send orders at 40 euro/barrel. When a match occurs (e.g., on an over-the-counter market), one embodiment of the present invention notes that these two investors traded in the same home currency, as they both take Euro as their home currency. Instead of performing currency conversion trades, the system contemplated in accordance with the present invention simply sends appropriate settlement instructions to each so that the oil contracts can be exchanged directly.

[0041] For example, the trader resides in Europe and keeps his money in Euro, thus the preferred currency is EURO. Based on the preferred currency, a prevailing exchange rate is obtained at **406** from a currency exchange. In one embodiment, the prevailing exchange rate is provided by a participating financial agency that is willing to buy the Japanese yen and sell US dollars at the published exchange rate.

[0042] It is assumed that there are two investors sharing Euro as a home currency, both elect to send orders at 40 euro/barrel. When a match occurs, the system notes that these two investors traded in home currency. Instead of performing currency conversion, the system simply sends appropriate settlement instructions to each so that the oil contracts can be exchanged directly. It should be noted, however, the ability to exchange the contracts varies based on whether the market for the asset is an OTC (over the counter) or exchange-based central counterparty and the specific settlement characteristics of the asset being traded. In the case where the market permits a direct settlement (such as an OTC market), the contracts/shares/instruments can be exchanged directly without currency conversion if both participants share the same

home currency. The system will perform according to the characteristics of the market for the asset.

[0043] In any case, the settlement is displayed at **516** in the preferred currency so that the trader knows exactly how much this transaction costs, or how much profit or loss this transaction is going to realize.

[0044] One skilled in the art will recognize that elements of the system in the present invention may be implemented in software, but can be implemented in hardware or a combination of hardware and software. The invention can also be embodied as computer-readable code on a computer-readable medium. The computer-readable medium can be any data-storage device that can store data which can be thereafter be read by a computer system. Examples of the computer-readable medium may include, but not be limited to, read-only memory, random-access memory, CD-ROMs, DVDs, magnetic tape, hard disks, optical data-storage devices, or carrier wave. The computer-readable media can also be distributed over network-coupled computer systems so that the computer-readable code is stored and executed in a distributed fashion.

[0045] There are numerous advantages, benefits and features in the present invention. One of these advantages, benefits and features is that the platform contemplated in the present invention facilitates managements of all types of security or asset exchanges in a preferred currency.

[0046] The present invention has been described in sufficient detail with a certain degree of particularity. It is understood to those skilled in the art that the present disclosure of embodiments has been made by way of examples only and that numerous changes in the arrangement and combination of parts as well as steps may be resorted without departing from the spirit and scope of the invention as claimed. Accordingly, the

scope of the present invention is defined by the appended claims rather than the forgoing description of embodiments.

Method and apparatus for displaying trading assets in a preferred currency

Abstract

Techniques to display trading assets in a preferred currency are described. According to one aspect of the present invention, a three-tier architecture is presented and includes a brokerage, a market exchange and a currency exchange. Through a consolidated trading platform, the brokerage presents all price, quotas, transactions or settlements in a preferred currency, in conjunction with the market exchange and the currency exchange. As a result, a trader always knows exactly what he/she may end up with a transaction of an asset, where a prevailing exchange rate is obtained prior to a transaction to prevent uncertainty in currency exchanges in another time.

CLAIMS

I claim:

1. A method for trading an asset, the method comprising:

coupling a trading server to one or more currency exchange servers and one or more market exchange servers;

receiving in the trading server an indicator of a preferred currency from a trader;

causing a client computer associated with the trader to display the asset in the preferred currency while the asset is being traded in a market currency, wherein said causing a client computer associated with the trader to display at least an asset in the preferred currency comprises:

determining in the trading server a prevailing exchange rate between the preferred currency and the market currency, wherein the prevailing exchange rate is derived from all exchange rates obtained from the one or more currency exchange servers when the asset is displayed in the preferred currency, valuation of the asset in the preferred currency changes in accordance with the prevailing exchange rate updated constantly even when a market value of the asset remains unchanged;

displaying all costs and fees in the preferred currency to own or sell the asset, wherein the all costs and fees are dynamically changed in accordance with the prevailing exchange rate updated constantly even when the market value of the asset remains unchanged;

conducting in the trading server a transaction of the asset by transmitting a transaction request from the trading server to a market exchange server when the trader decides to proceed with trading the asset;

receiving a settlement notification in the trading server when the transaction of the asset is performed by the market exchange server in accordance with conditions set by the trader, wherein the trading server is configured to calculate the prevailing exchange rate from all exchange rates obtained from the one or more currency exchange servers right before the transaction takes place when the asset is not priced in the preferred currency, and executes the transaction

with the calculated prevailing exchange rate obtained right before the transaction to prevent uncertainty in currency exchanges in another time.

2. The method as recited in claim 1, wherein said conducting in the trading server a transaction of the asset comprises:

monitoring the conditions in conjunction with the one or more currency exchange servers and the market exchange server; and

performing the transaction of the asset only when the conditions have been met involving an updated market value of the asset and an updated prevailing currency exchange rate from the one or more currency exchange servers at a minimum cost to the trader right before the transaction takes place.

3. The method as recited in claim 1, further comprising:

receiving periodically an updated market value of the asset being traded from the market exchange server;

receiving periodically an updated prevailing currency exchange rate from the one or more currency exchange servers when the preferred currency is not identical to the market currency; and

determining whether the conditions have been met together with the updated market value of the asset and the updated prevailing currency exchange rate.

4. The method as recited in claim 1, further comprising:

monitoring the prevailing exchange rate in conjunction with the one or more currency exchange servers and the market exchange server to ensure that the transaction only happens when the conditions are met with the prevailing exchange rate.

5. The method as recited in claim 1, wherein the transaction includes first and second portions, and the method further comprising:

analyzing the transaction of the asset in the market currency to determine the first portion of the transaction is in the same preferred currency as the trader was performing the transaction; and

using the only on the second portion of the transaction in a different preferred currency.

6. A method for trading an asset, the method comprising:

accessing a trading server coupled over the Internet to at least two currency exchange servers and at least one market exchange server;

receiving an indication of a preferred currency from a trader;

displaying on a client computer associated with a trader at least the asset in the preferred currency while the asset is being traded in a market currency, wherein the trading server is configured to determine a prevailing exchange rate between the preferred currency and the market currency from all exchange rates obtained from the at least two currency exchange servers;

displaying all costs and fees in the preferred currency to own or sell the asset, wherein the all costs and fees are dynamically changed in accordance with the prevailing exchange rate constantly updated, a value of the asset being displayed changes as the prevailing exchange rate changes, even when a market value of the asset remains unchanged, wherein the trader has certain knowledge of what to pay for the asset, or profit or loss when acting on the asset;

receiving an instruction from the trader to trade the asset, wherein the prevailing currency exchange rate is determined again from all exchange rates obtained from the at least two currency exchange servers right before an transaction pertaining to the asset happens when the preferred currency is not identical to the market currency;

receiving a price of the asset being traded over the market exchange server, the price shown in the trading server being in the preferred currency in conjunction with the calculated prevailing currency exchange rate; and

showing a settlement of the transaction in the preferred currency after the transaction of the asset is executed with the calculated prevailing exchange rate to prevent uncertainty in currency exchanges.

7. The method as recited in claim 6, further comprising:

conducting the transaction of the asset between the trading server and the market exchange server when the trader decided to proceed with trading the asset; and

performing a currency exchange of the settlement in the market currency to the preferred currency by the calculated prevailing currency exchange rate when the preferred currency is not identical to the market currency so that the transaction is no longer subject to currency fluctuation at a later time.

8. The method as recited in claim 7, wherein the currency exchange is conducted in the currency exchange server per the calculated prevailing currency exchange rate.

9. The method as recited in claim 6, further comprising providing a currency conversion at a transactional level so that the trader knows exactly what ends up with the transaction of the asset.

10. The method as recited in claim 6, further comprising:

receiving a set of conditions for the transaction of the asset; and

monitoring the conditions in conjunction with the currency exchange server and the market exchange server.

11. The method as recited in claim 10, wherein said monitoring the conditions in conjunction with the currency exchange server and the market exchange server further comprises:

retrieving periodically the market value of the asset being traded on the market exchange server;

receiving periodically the prevailing currency exchange rate determined all exchanges rates from the at least two currency exchange servers when the preferred currency is not identical to the market currency; and

determining whether the conditions have been met together with the retrieved market value of the asset and the prevailing currency exchange rate.

12. The method as recited in claim 11, wherein the transaction of the asset only happens when the conditions have been met together with the retrieved market value of the asset and the retrieved prevailing currency exchange rate prior to the transaction.

PTO/AIA/14 (08-12)
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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	SVPA-029C1
	Application Number	
Title of Invention	Method and apparatus for displaying trading assets in a preferred currency	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Jacky		Benmoha	

Residence Information (Select One) ● US Residency Non US Residency Active US Military Service

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Mailing Address of Inventor:

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City	Holmdel	State/Province	NJ
Postal Code	07733	Country	US

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Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence Information of this application.**

Customer Number	26797		
Email Address	uspatents@sbcglobal.net	Add Email	Remove Email

Application Information:

Title of the Invention	Method and apparatus for displaying trading assets in a preferred currency		
Attorney Docket Number	SVPA-029C1	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)	5	Suggested Figure for Publication (if any)	4

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	SVPA-029C1
	Application Number	
Title of Invention	Method and apparatus for displaying trading assets in a preferred currency	

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☒ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

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Please Select One:	● Customer Number	US Patent Practitioner	◯ Limited Recognition (37 CFR 11.9)
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Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c) or indicate National Stage entry from a PCT application. Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

Prior Application Status: Patented — Remove

Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
	Continuation of	11736583	2007-04-18	10062107	2018-08-28

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button. Add

Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

Remove

Application Number	Country[i]	Filing Date (YYYY-MM-DD)	Priority Claimed
			Yes No

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	SVPA-029C1
	Application Number	
Title of Invention	Method and apparatus for displaying trading assets in a preferred currency	

Authorization to Permit Access:

Authorization to Permit Access to the Instant Application by the Participating Offices

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the instant patent application is filed access to the instant patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the instant patent application is filed to have access to the instant patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the instant patent application with respect to: 1) the instant patent application-as-filed; 2) any foreign application to which the instant patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the instant patent application; and 3) any U.S. application-as-filed from which benefit is sought in the instant patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing this Authorization.

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1 Remove

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
Person to whom the inventor is obligated to assign.	Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor :

If the Applicant is an Organization check here. ☐

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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	SVPA-029C1
	Application Number	
Title of Invention	Method and apparatus for displaying trading assets in a preferred currency	

Mailing Address Information:			
Address 1			
Address 2			
City		**State/Province**	
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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	SVPA-029C1
	Application Number	
Title of Invention	Method and apparatus for displaying trading assets in a preferred currency	

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Signature	/ joe zheng /			Date (YYYY-MM-DD)	2018-08-27
First Name	Joe	Last Name	Zheng	Registration Number	39450

Additional Signature may be generated within this form by selecting the Add button. Add

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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

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Electronic Patent Application Fee Transmittal

Application Number:	
Filing Date:	
Title of Invention:	Method and apparatus for displaying trading assets in a preferred currency
First Named Inventor/Applicant Name:	Jacky Benmoha
Filer:	Joe Zheng
Attorney Docket Number:	SVPA-029C1

Filed as Micro Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
BASIC FILING FEE-UTILITY	3011	1	75	75
UTILITY SEARCH FEE	3111	1	165	165
UTILITY EXAMINATION FEE	3311	1	190	190
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**430**

Electronic Acknowledgement Receipt

EFS ID:	33547409
Application Number:	16113289
International Application Number:	
Confirmation Number:	6504
Title of Invention:	Method and apparatus for displaying trading assets in a preferred currency
First Named Inventor/Applicant Name:	Jacky Benmoha
Customer Number:	26797
Filer:	Joe Zheng
Filer Authorized By:	
Attorney Docket Number:	SVPA-029C1
Receipt Date:	27-AUG-2018
Filing Date:	
Time Stamp:	14:37:22
Application Type:	Utility under 35 USC 111(a)

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Submitted with Payment	yes
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Payment was successfully received in RAM	$430
RAM confirmation Number	082818INTEFSW14385100
Deposit Account	502436
Authorized User	Joe Zheng

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Oath or Declaration filed	OldSignedDec.pdf	114392 4aae808b4884fb974ad4bbc104812f7f961cf84e	no	2
Warnings:					
Information:					
2	Certification of Micro Entity (Gross Income Basis)	SignedMicroEntity.pdf	254759 a4701e653bfb1a9a5dd0922ab7c0e34f29949724	no	1
Warnings:					
Information:					
3	Power of Attorney	SignedPOA.pdf	402530 7909af7f707dc2cfa09b7c6604bd20d2b26488d7	no	2
Warnings:					
Information:					
4	Drawings-only black and white line drawings	Drawings.pdf	124810 f58a73a2d321875ef2ec63148ccfc35cb5d8f965	no	5
Warnings:					
Information:					
5		PatentAsFiled.pdf	135430 13ca6532fa4bec4e8f34532c6f05570a52c4943d	yes	16

Multipart Description/PDF files in .zip description

Document Description	Start	End
Specification	1	15
Abstract	16	16

Warnings:

Information:

6	Claims	Claims.pdf	67256 7913417694e56c3935b7c34110f1013ea64c08c0	no	5
Warnings:					
Information:					
7	Application Data Sheet	ADS.pdf	1432707 93c151b54fa192209d8ad6af785cec547b0e5194	no	6
Warnings:					
Information:					
8	Fee Worksheet (SB06)	fee-info.pdf	35108 8e3f8a7e2744f34cb6475cd161cb99015e4c0779	no	2
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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

[X] Declaration Submitted with Initial Filing OR [ ] Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	SVPA-028
First Named Inventor	Jacky Benmoha
COMPLETE IF KNOWN	
Application Number	/
Filing Date	Herewith
Group Art Unit	
Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Consolidated trading platform

(Title of the Invention)

the specification of which

[X] is attached hereto

OR

[ ] was filed on (MM/DD/YYYY) _____ as United States Application Number or PCT International Application Number _____ and was amended on (MM/DD/YYYY) _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	NO
			[ ]	[ ]	[ ]
			[ ]	[ ]	[ ]
			[ ]	[ ]	[ ]
			[ ]	[ ]	[ ]

[ ] Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	
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I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number *(If applicable)*

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☑ Customer Number 26797 → *Place Customer Number Bar Code Label here*
OR
☐ Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☑ Customer Number or Bar Code Label 26797 *OR* ☐ Correspondence address below

Name					
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City		State		ZIP	
Country		Telephone	(408)777-8873	Fax	(408)873-9249

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	Family Name or Surname
Jacky	Benmoha

Inventor's Signature						Date	04/17/07
Residence: City	Holmdel	State	NJ	Country	USA	Citizenship	France
Post Office Address	8 Mayfair Road						
Post Office Address							
City	Holmdel	State	NJ	ZIP	07733	Country	USA

☒ Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto

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