

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2662122

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>SCOTT F. SINGER</td> <td>12/20/2013</td> </tr> <tr> <td>FARLEY OWENS</td> <td>12/20/2013</td> </tr> </tbody> </table>		Name	Execution Date	SCOTT F. SINGER	12/20/2013	FARLEY OWENS	12/20/2013
Name	Execution Date						
SCOTT F. SINGER	12/20/2013						
FARLEY OWENS	12/20/2013						
RECEIVING PARTY DATA							
Name:	TRADING TECHNOLOGIES INTERNATIONAL, INC.						
Street Address:	222 SOUTH RIVERSIDE PLAZA						
Internal Address:	SUITE 1100						
City:	CHICAGO						
State/Country:	ILLINOIS						
Postal Code:	60606						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14142844</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14142844		
Property Type	Number						
Application Number:	14142844						
CORRESPONDENCE DATA							
Fax Number:	(312)913-0002						
Phone:	312-913-0001						
Email:	docketing@mbhb.com						
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>							
Correspondent Name:	MBHB/TRADING TECHNOLOGIES						
Address Line 1:	300 SOUTH WACKER DRIVE						
Address Line 2:	SUITE 3200						
Address Line 4:	CHICAGO, ILLINOIS 60606						
ATTORNEY DOCKET NUMBER:	121354US01						
NAME OF SUBMITTER:	THOMAS J. LOOS						
Signature:	/Thomas J. Loos/						

Date:

12/28/2013

Total Attachments: 4

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**ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR
LETTERS PATENT OF THE UNITED STATES OF AMERICA**

As the below named inventor, I hereby declare that:

I believe that I am the original inventor or an original and joint inventor of the inventions described in an application for Letters Patent of the United States of America:

**Title: Methods and Apparatus to Enable a Trading Device to Accept a User Input
Attorney Docket No.: 121354US01**

For valuable consideration received, I hereby sell, assign, and transfer to Trading Technologies International, Inc., a corporation of the State of Delaware, headquartered at 222 South Riverside Plaza, Suite 1100, Chicago, Illinois 60606 (hereinafter "TT"), as well as its successors and assigns, my entire right, title, and interest, for all countries in and to said inventions and all the rights and privileges under any and all Letters Patent that may be granted therefore, and any divisions, continuations, reissues, and extensions thereof.

I agree that, when requested, I will, without charge to TT but at its expense, sign all papers, take all rightful oaths, make all rightful declarations, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in TT, its successors, assigns or nominees.

I agree that I will communicate to TT or its representatives any facts known to me respecting said inventions and when requested by TT and at its expense will testify in any legal proceedings, and generally do everything possible to aid TT, its successors, assigns, and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

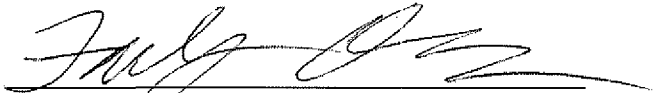
I authorize and empower TT, its successors, assigns, or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of TT or its successors, assigns, or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with TT, its successors, assigns, legal representatives, and nominees, that, to the best of my knowledge, the right, title, and interest herein conveyed by me are free and clear of any encumbrance, and that I have the full right to convey the same as herein expressed.

This Agreement and Assignment supersedes all other assignments, agreements, and addendums related to the above-identified application.

WITNESS my hand and seal this 20th day of December, 2013.

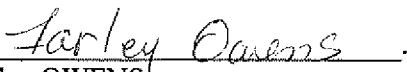

Farley OWENS

NOTARY:

State of Illinois

County of Cook

The foregoing instrument was acknowledged before me this 20th day of DECEMBER, 2013 by


Farley OWENS


NOTARY PUBLIC

OR



WITNESS:

WITNESS 1:

I, _____, do hereby witness and attest that _____
[First name, Middle, LAST]

executed this Assignment document in my presence of his own free and voluntary will on this day for the uses and purposes set forth herein.

Signature: _____ Date: _____

WITNESS 2:

I, _____, do hereby witness and attest that _____
[First name, Middle, LAST]

executed this Assignment document in my presence of his own free and voluntary will on this day for the uses and purposes set forth herein.

Signature: _____ Date: _____

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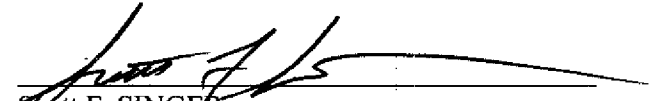
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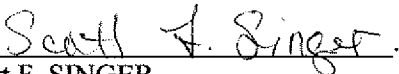
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