

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4192593

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	TRADEMONSTER GROUP, INC.	12/19/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	E*TRADE FINANCIAL CORPORATION	
<b>Street Address:</b>	532 MARKET STREET	
<b>City:</b>	SAN FRANCISCO	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	94104	
<b>PROPERTY NUMBERS Total: 10</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	8332305	
Patent Number:	8577788	
Application Number:	14040931	
Application Number:	13725201	
Application Number:	13725145	
Patent Number:	8706597	
Patent Number:	8315938	
Application Number:	13655157	
Patent Number:	D652047	
Application Number:	12586287	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(713)238-8008	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	713-238-8000	
<b>Email:</b>	houstonpatmail@conleyrose.com, lmcbyrde@conleyrose.com	
<b>Correspondent Name:</b>	CONLEY ROSE, P.C.	
<b>Address Line 1:</b>	1001 MCKINNEY ST., SUITE 1800	
<b>Address Line 4:</b>	HOUSTON, TEXAS 77002	
<b>ATTORNEY DOCKET NUMBER:</b>	1991-00000	

<b>NAME OF SUBMITTER:</b>	GREGORY L. MAAG
<b>SIGNATURE:</b>	/gregory l. maag/
<b>DATE SIGNED:</b>	12/20/2016
<b>Total Attachments: 4</b> source=Patent Assignment_TMG#page1.tif source=Patent Assignment_TMG#page2.tif source=Patent Assignment_TMG#page3.tif source=Patent Assignment_TMG#page4.tif	

## PATENT ASSIGNMENT

This Patent Assignment is made and entered effective as of the 12<sup>th</sup> day of September, 2016, by and between tradeMONSTER Group, Inc., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 10 S. Riverside Plaza Suite 500, Chicago, Illinois 60606 (hereinafter referred to as ASSIGNOR) and E\*TRADE Financial Corporation, a corporation organized and existing under the laws of Delaware and having a place of business at 532 Market Street, San Francisco, California 94104 (hereinafter referred to as ASSIGNEE).

WHEREAS, ASSIGNOR is the record owner of all right, title and interest in and to the patents and patent applications listed on Schedule A, and any domestic or foreign counterparts or equivalents thereto, existing now or in the future and including, but not limited to, patents of utility, improvement or addition, utility model and appearance and industrial design patents and inventors certificates, as well as divisionals, reissues, continuations (in whole or in part), renewals and extensions of any of the foregoing and any patents that may issue from any of the foregoing (collectively, the "Patents");

WHEREAS, ASSIGNOR and ASSIGNEE have entered into a stock purchase agreement pursuant to which ASSIGNOR has agreed to assign its rights in the Patents to ASSIGNEE; and

WHEREAS, ASSIGNEE desires to acquire and ASSIGNOR is willing to assign to ASSIGNEE the rights hereinafter defined.

NOW, THEREFORE, in consideration of the premises and mutual agreements herein contained, and other good and valuable consideration, the receipt of which is hereby acknowledged, the parties agree as follows:

ASSIGNOR hereby sells, assigns and transfers to said ASSIGNEE, its entire right, title and interest in and to the Patents, the inventions described and claimed in the Patents, and including the subject matter of all claims that may be obtained therefrom, for ASSIGNEE's own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this assignment and transfer had not been made, together with all income, royalties, damages or payments due or payable as of the Effective Date or thereafter related to any of the foregoing, including, without limitation, all claims for damages by reason of past, present or future infringement or other unauthorized use of the Patents, with the right to sue for and collect the same for ASSIGNEE's own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives.

ASSIGNOR authorizes and requests the United States Commissioner of Patents and Trademarks and any other similar government authority outside the United States to record ASSIGNEE as owner of the Patents and issue any and all patents issued thereon to ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and enjoyment of ASSIGNEE and its successors, assigns or other legal representatives.

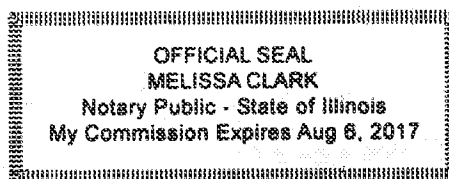
This Assignment may be executed in one or more counterparts, each of which shall be deemed to be an original, and all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, this Patent Assignment is made and each party has caused its name to be hereunto subscribed, by its duly authorized officer to become effective as of the date first indicated above.


tradeMONSTER Group, Inc.

By:   
Name: Shane Mulron  
Title: Chief Financial Officer

STATE OF IL )  
COUNTY OF DuPage ) SS:



On this 19<sup>th</sup> day of December, 2016 before me Shane Mulron known to me to be Chief Financial Officer of tradeMONSTER Group, Inc. who acknowledged that he signed this instrument as a free act on behalf of tradeMONSTER Group, Inc.

  
Notary Public:  
My commission expires: 8/6/17

E\*TRADE FINANCIAL CORPORATION

By: \_\_\_\_\_

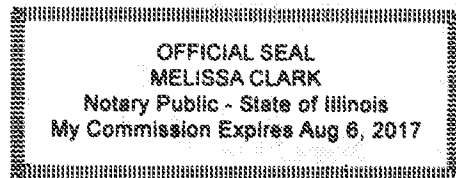
Name: Michael Curcio

Title: Chief Brokerage Officer

STATE OF IL )

COUNTY OF DuPage )

SS:



On this 19<sup>th</sup> day of December, 2016 before me Michael Curcio known to me to be Chief Brokerage Officer of E\*TRADE Financial Corporation who acknowledged that he signed this instrument as a free act on behalf of E\*TRADE Financial Corporation.

\_\_\_\_\_  
Notary Public:

My commission expires: 8/6/17

# **Schedule A**

<b>Title</b>	<b>Country</b>	<b>Application Serial No.</b>	<b>Patent No.</b>	<b>Owner to Assignment</b>
AUTOMATIC STRATEGY GROUPING FOR A TRADING SYSTEM	U.S.	12/586,279	8,332,305	tradeMONSTER Group, Inc.
AUTOMATIC STRATEGY GROUPING FOR A TRADING SYSTEM	U.S.	13/364,691	8,577,788	tradeMONSTER Group, Inc.
AUTOMATIC STRATEGY GROUPING FOR A TRADING SYSTEM	U.S.	14/040,931	Not Yet Issued	tradeMONSTER Group, Inc.
DYNAMIC COMMUNICATION	U.S.	13/725,201	Not Yet Issued	tradeMONSTER Group, Inc.
DYNAMIC EXECUTION	U.S.	13/725,145	Not Yet Issued	tradeMONSTER Group, Inc.
INTERACTIVE USER INTERFACE FOR INPUT OF FORECASTS AND RISK PRIORITIES AND DISPLAY OF RELATED STRATEGIES IN A TRADING SYSTEM	U.S.	12/655,079	8,706,597	tradeMONSTER Group, Inc.
OPTION ANALYSIS FOR A TRADING SYSTEM	U.S.	12/905,009	8,315,938	tradeMONSTER Group, Inc.
OPTION ANALYSIS FOR A TRADING SYSTEM	U.S.	13/655,157	Not Yet Issued	tradeMONSTER Group, Inc.
GRAPHICAL USER INTERFACE FOR A COMPUTER DISPLAY	U.S.	29/366,117	D652,047	tradeMONSTER Group, Inc.
STRATEGY BASED EXIT PLANNING FOR A TRADING SYSTEM	U.S.	12/586,287	Not Yet Issued	tradeMONSTER Group, Inc.