10/13/2015 503519962

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3566588

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN KREIDER	09/08/2014
STEPHEN COOPER	09/05/2014

RECEIVING PARTY DATA

Name:	THE NASDAQ OMX GROUP, INC.
Street Address:	ONE LIBERTY PLAZA, 165 BROADWAY
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10006

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	14841938
PCT Number:	US2015047924

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ATTORNEY DOCKET NUMBER:	JRL-4010-318-320	
NAME OF SUBMITTER:	JOHN R. LASTOVA	
SIGNATURE:	/John R. Lastova/	
DATE SIGNED:	10/13/2015	

Total Attachments: 2

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> **PATENT** REEL: 036778 FRAME: 0404 503519962

ASSIGNMENT FOR PROVISIONAL APPLICATION (All Rights)

WHEREAS, Brian KREIDER and Stephen COOPER (hereinafter ASSIGNORS) of the United States, have made invention disclosed in a provisional application entitled DATA PACKET PROCESSING SYSTEM which was filed in the United States Patent and Trademark Office on September 2, 2014 under Serial No. 62/044,718;

WHEREAS, The NASDAQ OMX Group, Inc. (hereinafter ASSIGNEE), a corporation having an office and place of business at One Liberty Plaza, 165 Broadway, New York, New York 10006 is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full and exclusive right, title and interest in the United States and all foreign countries, to each invention as described in the aforesaid application and to the said application and to all subsequent applications based thereon including any regular patent applications that claim priority therefrom and any and all continuations, divisions, reissues and substitutes thereof, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres;

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue any Letters Patent for said invention(s) to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

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ASSIGNORS hereby agree to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

ASSIGNORS hereby agree to execute any papers requested by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention(s) hereby transferred; and

ASSIGNORS hereby agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of the aforesaid subsequent applications and of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:	1/01
9/8/2014	Conkie Ok
Date	Brian KREIDER
Witnessed by: /	1
1115. Mans	9/8/2014
Name:	Date:
9/5/2014	Step too
Date	Stephen COOPER
Witnessed by:	9/5/2014.
Name: KATHRYN MCBRIDE	Date: