505155022 10/23/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDERS GREEN	10/10/2017
SEBASTIAN TOMAC	10/10/2017

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16155819

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NAME OF SUBMITTER:	STEPHEN J. PACHOL	
SIGNATURE:	/Stephen J. Pachol/	
DATE SIGNED:	10/23/2018	

Total Attachments: 2

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PATENT 505155022 REEL: 047280 FRAME: 0754

P1347USPR JRL-4010-414

ASSIGNMENT FOR PROVISIONAL APPLICATION (All Rights)

WHEREAS, Anders GREEN and Sebastian TOMAC (hereinafter ASSIGNORS) have made invention(s) disclosed in a provisional application entitled SIMULTANEOUS PLACEMENT OF AN ORDER OBJECT IN MULTIPLE ORDER BOOKS OF AN AUTOMATED EXCHANGE SYSTEM for which a so-entitled application was filed in the United States Patent and Trademark Office on October 9, 2017 under Application No. 62/569,685;

WHEREAS, Nasdaq Technology AB (hereinafter ASSIGNEE), a corporation of Sweden, having an office and place of business at SE-105 78 Stockholm, SWEDEN, 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 ASSIGNORS sell, assign, and transfer to the ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the application and to all subsequent applications based thereon including any and all regular, PCT, continuation, continuation-in-part, division, reissue, and substitute applications, and all resulting patents, 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, and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all resulting Letters Patents 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 the 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 invention;

ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention 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 foreign applications and the perfecting of title thereto in ASSIGNEE.