505102388 09/19/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5149148

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHAN TOLL	02/07/2017
FREDRIK SJÖBLOM	02/08/2017

RECEIVING PARTY DATA

Name:	NASDAQ TECHNOLOGY AB
Street Address:	TULLVAKTSVÄGEN 15
City:	STOCKHOLM
State/Country:	SWEDEN
Postal Code:	SE-105-78

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16115849

CORRESPONDENCE DATA

Fax Number: (703)816-4100

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.

Phone: 703-816-4000

Email: ptomail@nixonvan.com, tmonroe@nixonvan.com

Correspondent Name: NIXON & VANDERHYE, P.C.

Address Line 1: 901 N. GLEBE ROAD

Address Line 2: SUITE 1100

Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	AC-4010-458
NAME OF SUBMITTER:	ADAM CHAPIN
SIGNATURE:	/Adam Chapin/
DATE SIGNED:	09/19/2018

Total Attachments: 2

source=4010_458_ASSIGNMENT#page1.tif source=4010_458_ASSIGNMENT#page2.tif

PATENT 505102388 REEL: 046916 FRAME: 0464

Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number AC-4010-0380

FI	rst Named Inventor	TOLL, Johan			
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DUSING AN APPLICATION DATA SHEET		ICATION (37 CFR 1.63)			
Declaration Submitted With Initial Filing OR	. (0. 0				
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)				
SYSTEMS AND METHODS FOR STORING AND SHARING TRANSACTIONAL DATA USING DISTRIBUTED COMPUTER SYSTEMS					
(Title of the Invention)					
As a below named inventor, I hereby declare that:					
This declaration is directed to: the attached application, or					
☑ United States Application Number 15/423,668 filed February 3, 2017, of	or				
PCT International application number filed on .					
The above-identified application was made or authorized to be made by me.					
I believe I am the original inventor or an original joint inventor of a claimed invention	n in the application.				
I hereby acknowledge that any willful false statement made in this declaration is pu by fine or imprisonment of not more than five (5) years, or both.	nishable under 18 U.S.C.	1001			
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the	he Application identified al	baye.			
WHEREAS, NASDAQ TECHNOLOGY AB (hereinafter ASSIGNEE), an entity, having 15, SE-105 78, Stockholm, Sweden, is desirous of acquiring an interest therein;	ing an office and place of i	business at Tullvaktsvägen			
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S 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 said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, 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 ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent 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;					
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNE representatives, and without further remuneration, in and to any improvements, and of or related to the said invention;					
ASSIGNOR hereby agrees 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					
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remur ASSIGNEE, for the filing and granting of foreign applications and the perfecting of t	neration, to execute any ar	nd all papers desired by			
AGREED and executed as noted below:					
LEGAL NAME OF INVENTOR/JOINT INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)	***************************************	***************************************			
Johan		TOLL			
Inventor's Signature:	Date: 20/メの	######################################			
Witnessed by:					
Name: Torbigin Nagor	000000000000000000000000000000000000000	999999			
Signature of witness:	Date: 20170	207			

REEL: 046916 FRAME: 0465

Doc code: Oath

Document Description: Oath or declaration filed AC-4010-0380 Attorney Docket Number TOLL, Johan First Named Inventor INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1,76) Declaration Submitted With Initial Filing OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) SYSTEMS AND METHODS FOR STORING AND SHARING TRANSACTIONAL DATA USING DISTRIBUTED COMPUTER SYSTEMS (Title of the invention) As a below named inventor, I hereby declare that: This declaration is directed to: the attached application, or United States Application Number 15/423,668 filed February 3, 2017, or PCT International application number filed on The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above. WHEREAS, NASDAQ TECHNOLOGY AB (hereinafter ASSIGNEE), an entity, having an office and place of business at Tullvaktsvågen 15. SE-105 78, Stockholm, Sweden, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S 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 said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, 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 ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent 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: ASSIGNOR hereby agrees 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: ASSIGNOR hereby agrees 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 ASSIGNOR hereby agrees, 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. AGREED and executed as noted below: LEGAL NAME OF INVENTOR/JOINT INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Surname) Fredrik SJÖBLOM Inventor's Signature; Date: 20170208 Witnessed by: JAN TILFORS Name:

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

REEL: 046916 FRAME: 0466

Date: 20170208

RECORDED: 09/19/2018