506795250 07/30/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6842069

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYLE PREM	07/29/2021
JOHN VACCARO	07/29/2021
HEMANT THOMBRE	07/26/2021

RECEIVING PARTY DATA

Name:	NASDAQ, INC.
Street Address:	151 W. 42ND STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10036

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17390781

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 NIXON & VANDERHYE P.C. **Correspondent Name:** Address Line 1: 901 N GLEBE ROAD, SUITE 1100 Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	AC-4010-566
NAME OF SUBMITTER:	ADAM CHAPIN
SIGNATURE:	/Adam Chapin/
DATE SIGNED:	07/30/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=4010-566-DECLARATION-ASSIGNMENT#page1.tif source=4010-566-DECLARATION-ASSIGNMENT#page2.tif source=4010-566-DECLARATION-ASSIGNMENT#page3.tif

PATENT REEL: 057041 FRAME: 0715 506795250

Doc code: Oath		
Document Description: Oath or declaration filed	Attorney Docket Number	
	First Named Inventor	PREM, Kyle
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILI USING AN APPLICATION DAT	TY OR DESIGN PATENT	
Declaration Submitted With Initial Filing OR	A CHELLY (OF OTHER LIPO)	
Declaration Submitted After Initial Filing (surcharge (37 C.F.F.	l. § 1.16(f)) required)	
SYSTEMS AND METHODS OF DIS	STRIBUTED PROCESSIN	G
(Title of the Inve	intion)	
As a below named inventor, I hereby declare that:		
This declaration is directed to: the attached application, or United States Application Number filed , 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 claime	d invention in the application	、
I hereby acknowledge that any willful talse statement made in this declaraby fine or imprisonment of not more than five (5) years, or both.	ation is punishable under 18	U.S.C. 1001
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inve	ention in the Application iden	tified above.
WHEREAS, NASDAQ, INC. (hereinafter ASSIGNEE), an entity, having a York, New York United States 10036, is desirous of acquiring an interest	n office and place of busines therein;	s at 151 W. 42nd Street, New
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or othe of which are hereby acknowledged, the said ASSIGNOR by these preser ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNC America and all foreign countries, in and to the invention as described in subsequent applications based thereon including any and all continuation all resulting patents, together with the right of priority under the Internation American Convention Relating to Patents, Designs and Industrial Models States of America adheres, and the ASSIGNOR hereby authorizes and resaid Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its succeagreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represent as ASSIGNEE with respect to this invention;	its hereby sells, assigns, and OR'S entire right, title and into the aforesaid application, and is, divisions, reissues, and su nal Convention for the Protect , and any other international equests the Commissioner of essors, assigns, and legal rep	I transfers unto the said erest in the United States of d to the said application and to all obstitutes of said application, and stion of Industrial Property, Interagreements to which the United Patents and Trademarks to issue presentatives. It is understood and
ASSIGNOR hereby agrees to transfer a like interest upon request of said representatives, and without further remuneration, in and to any improver of or related to the said invention;		
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its success to ASSIGNEE'S full protection and title in and to the invention hereby trans	cessors, assigns, and legal resistered; and	epresentatives, deemed essential
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without furth ASSIGNEE, for the filling and granting of foreign applications and the perf		
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 Surnam Kyle	e) PREM	
Inventor's Signature:	Date: 07/29/	2s a I
Witnessed by		
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.

Signature of witness:

Date:

Declared Cash Decument Description: Oath or declaration find

	Alicensy Docket Number
	First Named Investor Page 4 Ayle
INVENTOR'S DECLARATION AND ASSIGNMENT FOR I	JTBLITY OR DESIGN PATENT APPLICATION (27 CFR 1.83) DATA SHEET (37 CFR 1.76)
Declaration Submitted With Initial Filing	CONTRACTOR CONTRACTOR STATE AND ASSESSED.
OR Declaration Submitted After Initial Filling (surcharge (37))	C.F.R. § 1.16(f)) (exquired)
	F DISTRIBUTED PROCESSING
(Fast of V	te Proveniti
As a below named inventor, I hereby declare that:	
This declaration is directed to: the attached application, or thrifted States Application Mustber filled or	

The above identified application was made or authorized to be made by me.

PCT International application number filed on

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hersby acknowledge that any wilful false statement made in this declaration is punishable under 18 U.S.C. 1991 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, INC. (hereinafter ASSIGNIEE), an entity, having an office and place of business at 151 W. 42nd Street, New York, New York United States 10036, is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the recept and sufficiency of which are hereby antimoxicologist, the said ASSIGNOR by these presents hereby salts, assigns, and transfers unto the said ASSIGNOR, in 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 atoresaid application, and to the said application and to as subsequent applications based thereon including any and all continuations, divisions, ressues, 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 requires the Commissioner of Patents and Trademarks to assign said Letters Patent to ASSIGNOR. It is interest as ASSIGNOR. It is successors, assigns, and legal representations. It is understood and agreed that ASSIGNORE is attorneys hixon & Vanderhye P.C. have represented only ASSIGNORE and will continue to represent only ASSIGNORE.

ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal approximatives, and without further remoneration, in and to any improvements, and applications for patents based thereon, proving out of or related to the said invention;

ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed asserted 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 depined by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of tile thereto in ASSIGNEE.

AGREED and executed as noted below:

Legal Name of Additional Joint Inventor, If any:	
(E.g., Given Name (first and reside (if any)) and Femily Name or Sumame)	
John	VACCARO
Inventore Signature	7/2 4 Z ² 2/
Witnessed by: "	
Signature of witness:	Date
Access to the control of the control	

tWe acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 OFR §1.98.

Doc code: Oath

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	Attorney Docket Number
	First Named Inventor PREM, Kyle
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILIT USING AN APPLICATION DATA ☐ Declaration Submitted With Initial Filing ☐ Declaration Submitted After Initial Filing (surcharge (37 C.F.R.	A SHEET (37 CFR 1.76)
SYSTEMS AND METHODS OF DIS	TRIBUTED PROCESSING
(Title of the Inver	
As a below named inventor. I hereby declare that:	
This declaration is directed to: the attached application, or United States Application Number filed , or PCT International application number tiled on	
The above-identified application was made or authorized to be made by not believe I am the original inventor or an original joint inventor of a claimed I hereby acknowledge that any willful false statement made in this declarate by fine or imprisonment of not more than five (5) years, or both.	invention in the application.
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an inve	ntion in the Application identified above.
WHEREAS, NASDAQ, INC. (hereinafter ASSIGNEE), an entity, having a York, New York United States 10036, is desirous of acquiring an interest	
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other of which are hereby acknowledged, the said ASSIGNOR by these present ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR America and all foreign countries, in and to the invention as described in the subsequent applications based thereon including any and all continuation all resulting patents, together with the right of priority under the Internation American Convention Relating to Patents, Designs and Industrial Models, States of America adheres, and the ASSIGNOF hereby authorizes and resaid Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successions and the ASSIGNEE with respect to this invention.	is hereby sells, assigns, and transfers unto the said OR'S entire right, title and interest in the United States of the aforesaid application, and to the said application and to all s. divisions, reissues, and substitutes of said application, and hal Convention for the Protection of Industrial Property, Inter- , and any other international agreements to which the United squests the Commissioner of Patents and Trademarks to issue assors, assigns, and legal representatives. It is understood and
ASSIGNOR hereby agrees to transfer a like interest upon request of said representatives, and without further remuneration, in and to any improven of or related to the said invention;	ASSIGNEE, its successors, assigns, and legal nents, and applications for patents based thereon, growing out
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its suct to ASSIGNEE'S full protection and title in and to the invention hereby trans-	
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without furth ASSIGNEE, for the filing and granting of foreign applications and the per-	her remuneration, to execute any and all papers desired by ecting 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 Surnam Hemant	Thombre
Inventor's Signature:	Dete: 07/26/21
) Witnessed by	
Name:	
Signature of witness:	Date:

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

PATENT REEL: 057041 FRAME: 0718