PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5850841

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN DANIEL VILKE	06/06/2019
JAMES MORGAN SELVIDGE	11/22/2019
RUDY WILLIS	06/10/2019
PAUL HINKS	06/06/2019

RECEIVING PARTY DATA

Name:	AMAZON TECHNOLOGIES, INC.
Street Address:	PO BOX 81226
City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98108-1226

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16369642

CORRESPONDENCE DATA

Fax Number: (206)757-7779

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: 206-622-3150

Email: patentdocket@dwt.com, AMZNPatents@dwt.com,

janetberdine@dwt.com, meganmyers@dwt.com

Correspondent Name:DAVIS WRIGHT TREMAINE LLP - ATIAddress Line 1:920 FIFTH AVENUE, SUITE 3300Address Line 4:SEATTLE, WASHINGTON 98104-1610

ATTORNEY DOCKET NUMBER: 0097749-B28US0

NAME OF SUBMITTER: DAVID C. SCHLEIFER

SIGNATURE: /David C. Schleifer/

DATE SIGNED: 12/04/2019

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 7

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U.S. Patent Appln. No. 16/369,642

Attorney Docket No. 0097749-B28US0

Filing Date March 29, 2019

Client Docket No. P63659-US01

PARTIES TO THE ASSIGNMENT

Assignor(s):

Stephen Daniel Vilke 410 Terry Avenue North Seattle, WA 98109-5210

James Morgan Selvidge 410 Terry Avenue North Seattle, WA 98109-5210

Assignee: Amazon Technologies, Inc. PO Box 81226 Seattle, WA 98108-1226

Rudy Willis

410 Terry Avenue North Seattle, WA 98109-5210

Paul Hinks

410 Terry Avenue North Seattle, WA 98109-5210

<u>AGREEMENT</u>

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "CONTINUOUSLY CALIBRATED NETWORK SYSTEM" (Invention) for which a non-provisional application for United States Letters Patent (Application):

$igwedge$ was filed on March 29, 2019 and accorded U.S. Application No. $\underline{16/369,642}$; or
will be filed concurrently with the submission of this executed PATENT ASSIGNMENT
for recordation.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of <u>Davis Wright Tremaine LLP</u>, associated with Customer No. <u>113507</u>, to insert in the header above and here in parentheses (U.S. Patent Application No. 16/369,642, filed March 29, 2019) this application's U.S. application number and filing date, when known.

WHEREAS, ASSIGNEE, a corporation of the State of Nevada, is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries.

U.S. Patent Appln. No. 16/369,642

Attorney Docket No. 0097749-B28US0

Filing Date March 29, 2019

Client Docket No. P63659-US01

Title of Invention: CONTINUOUSLY CALIBRATED NETWORK SYSTEM

Inventors: Stephen Daniel Vilke, James Morgan Selvidge, Rudy Willis, Paul Hinks

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said Invention and any improvements thereto, said Application and any and all letters patent which may be granted for said Invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all provisional, divisions, reissues, re-examinations and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said Application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said Invention, Application and all letters patent on said Invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks, as well as all other applicable patent offices throughout the world, to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said Invention, for litigation regarding said letters patent, or for the purpose of protecting title to said Invention or letters patent therefor.

AND ASSIGNOR(S) DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out

> Page 2 of 7 **PATENT**

REEL: 051182 FRAME: 0194

U.S. Patent Appln. No. 16/369,642

Attorney Docket No. 0097749-B28US0

Filing Date March 29, 2019

Client Docket No. P63659-US01

Title of Invention: CONTINUOUSLY CALIBRATED NETWORK SYSTEM

Inventors: Stephen Daniel Vilke, James Morgan Selvidge, Rudy Willis, Paul Hinks

of any violation of the rights assigned hereby that may have accrued prior to the date of

assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue

for, collect, and retain damages for past infringements of said letters patent before or after

issuance.

AND ASSIGNOR(S) DOES HEREBY covenant and agree that ASSIGNOR(S) will

communicate to ASSIGNEE, its successors, legal representatives and assigns, any facts known to

ASSIGNOR respecting the Invention or said Application, and testify in any legal proceeding, assist

in the preparation of any other patent property relating to the Application and the Invention or

any improvements made thereto, sign/execute all lawful papers, provide all requested

documents, execute and make all rightful oaths and/or declarations in connection with the

Application and the Invention including any improvements made thereto, any patent

applications filed therefrom, and any continuing application filed from any of the

aforementioned applications, and generally do everything possible to aid ASSIGNEE, its

successors, legal representatives and assigns, to obtain and enforce proper patent protection for

the Invention in all countries. These provisions are binding upon ASSIGNOR's heirs, legal

representatives, administrators, and assigns.

U.S. Patent Appln. No. <u>16/369,642</u>	Attorney Docket No. <u>0097749-B28US0</u>
Filing Date <u>March 29, 2019</u>	Client Docket No. <u>P63659-US01</u>
Title of Invention: CONTINUOUSLY CALIBR	ATED NETWORK SYSTEM
Inventors: Stephen Daniel Vilke, James N	Norgan Selvidge, Rudy Willis, Paul Hinks
<u>DECLARATION</u>	
As a below named inventor, I hereby dec	lare that:
This declaration is directed to:	
the attached application; or	
United States Patent Applicat	ion number <u>16/369,642</u> filed on <u>March 29, 2019</u> ; or
PCT International Application	number filed on
The above-identified application was made	de or authorized to be made by me.
I believe that I am the original inventor of	r an original joint inventor of a claimed Invention in the
application.	
I have reviewed and understand the cont	ents of the above-identified application, and
acknowledge the duty to disclose to the \ensuremath{l}	JS Patent & Trademark Office all information known to
me to be material to the patentability as $% \left\{ \left(1\right) \right\} =\left\{ \left(1\right) \right\}$	defined in 37 CFR 1.56.
I hereby acknowledge that any willful fals	se statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonme	ent of not more than five (5) years, or both.
DocuSigned by:	
/Stephen Daniel Vilke/	
Stephen Daniel Vilke	
•	
June 6, 2019	
Date	

PATENT PATENT REEL: 051182 FRAME: 0196

U.S. Patent Appln. No. <u>16/369,642</u>	Attorney Docket No. <u>0097749-B28US0</u>
Filing Date March 29, 2019	Client Docket No. <u>P63659-US01</u>
Title of Invention: CONTINUOUSLY CALIBRATED NETWO	<u>ORK SYSTEM</u>
Inventors: Stephen Daniel Vilke, James Morgan Selvio	dge, Rudy Willis, Paul Hinks
<u>DECLARATION</u>	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
$oxed{\boxtimes}$ United States Patent Application number $\underline{\hat{y}}$	<u>16/369,642</u> filed on <u>March 29, 2019</u> ; or
PCT International Application number	filed on
The above-identified application was made or authori	zed to be made by me.
I believe that I am the original inventor or an original japplication.	oint inventor of a claimed Invention in the
I have reviewed and understand the contents of the a	bove-identified application, and
acknowledge the duty to disclose to the US Patent & \ensuremath{T}	Frademark Office all information known to
me to be material to the patentability as defined in 37	7 CFR 1.56.
I hereby acknowledge that any willful false statement	made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of not mo	ore than five (5) years, or both.
James Morgan Schridger 34CC67FE1B53482	
James Morgan Selvidge	
November 22, 2019	
Date	

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U.S. Patent Appln. No. <u>16/369,642</u>	Attorney Docket No. <u>0097749-B28US0</u>
Filing Date March 29, 2019	Client Docket No. <u>P63659-US01</u>
Title of Invention: CONTINUOUSLY CALIBRATED NETWORK	SYSTEM
Inventors: Stephen Daniel Vilke, James Morgan Selvidge,	Rudy Willis, Paul Hinks
<u>DECLARATION</u>	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
$igstyle igstyle igstyle$ United States Patent Application number $\underline{16/3}$	369,642 filed on <u>March 29, 2019</u> ; or
PCT International Application number	filed on
The above-identified application was made or authorized I believe that I am the original inventor or an original joint application.	
I have reviewed and understand the contents of the above acknowledge the duty to disclose to the US Patent & Tradime to be material to the patentability as defined in 37 CF	lemark Office all information known to
I hereby acknowledge that any willful false statement ma	de in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of not more t	chan five (5) years, or both.
DocuSigned by: /Rudy Willis/ 391A1957E2C64A9 Rudy Willis June 10, 2019 Date	

RECORDED: 12/04/2019

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

U.S. Patent Appln. No. <u>16/369,642</u>	Attorney Docket No. <u>0097749-B28US0</u>
Filing Date March 29, 2019	Client Docket No. <u>P63659-US01</u>
Title of Invention: CONTINUOUSLY CALIBRATED NETWORK	SYSTEM
Inventors: Stephen Daniel Vilke, James Morgan Selvidge	, Rudy Willis, Paul Hinks
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
$oxtimes$ United States Patent Application number $\underline{16/3}$	369,642 filed on <u>March 29, 2019</u> ; or
PCT International Application number	filed on
The above-identified application was made or authorized	to be made by me.
I believe that I am the original inventor or an original join	t inventor of a claimed Invention in the
application.	
I have reviewed and understand the contents of the above	re-identified application, and
acknowledge the duty to disclose to the US Patent & Trad	lemark Office all information known to
me to be material to the patentability as defined in 37 \ensuremath{CF}	R 1.56.
I hereby acknowledge that any willful false statement ma	de in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of not more	than five (5) years, or both.
Paul Hinks/	
485315362D7B4F4	
Paul Hinks	
June 6, 2019	
Date	

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