### 505282203 01/16/2019

EPAS ID: PAT5328977

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

Corrective Assignment to correct the EXECUTION DATE FROM "09/13/2013" TO "09/19/2013" FOR THIRD-LISTED INVENTOR IVAN AVRAMOV previously recorded on Reel 031292 Frame 0788. Assignor(s) hereby confirms the ASSIGNMENT OF U.S. APPLICATION NO. 14/024,466 TO AMAZON TECHNOLOGIES, INC.

### **CONVEYING PARTY DATA**

Name	Execution Date
WILLIAM NATHAN JOHN HURST	09/19/2013
CHRISTOPHER GERALD EMERY	09/19/2013
IVAN AVRAMOV	09/19/2013
JONATHAN PETER WRIGHT	09/26/2013
TIMOTHY DANIEL COLE	09/19/2013

### **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:	14024466

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 0097749-A46US0

NAME OF SUBMITTER: DAVID C. SCHLEIFER

SIGNATURE: /David C. Schleifer/

PATENT 505282203 REEL: 048082 FRAME: 0098

DATE SIGNED:	01/16/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 13		1
source=2019-01-16_PM6156-US0097	7749-A46US0Corrective_AssignmentPrivileged_and_Confidential_#pag	e1.t
source=2019-01-16_PM6156-US0097	7749-A46US0Corrective_AssignmentPrivileged_and_Confidential_#pag	e2.t
source=2019-01-16_PM6156-US0097	7749-A46US0Corrective_AssignmentPrivileged_and_Confidential_#pag	e3.t
source=2019-01-16_PM6156-US0097	7749-A46US0Corrective_AssignmentPrivileged_and_Confidential_#pag	e4.t
source=2019-01-16_PM6156-US0097	7749-A46US0Corrective_AssignmentPrivileged_and_Confidential_#pa@	e5.t
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source=2019-01-16_PM6156-US0097	7749-A46US0Corrective_AssignmentPrivileged_and_Confidential_#pag	e7.t
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source=2019-01-16_PM6156-US0097	7749-A46US0Corrective_AssignmentPrivileged_and_Confidential_#pa@	e13

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
William Nathan John Hurst	09/19/2013
Christopher Gerald Emery	09/19/2013
Ivan Avramov 09/19/2013	09/13/2013
Jonathan Peter Wright	09/26/2013
Timothy Daniel Cole	09/19/2013

### **RECEIVING PARTY DATA**

Name:	Amazon Technologies, Inc.	
Street Address:	P.O. Box 8102	
City:	Reno	
State/Country:	NEVADA	
Postal Code:	89507	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14024466

# **CORRESPONDENCE DATA**

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Email: assignments@woodcock.com
Correspondent Name: Woodcock Washburn LLP

Address Line 1: 2929 Arch Street
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 $\overline{\phantom{a}}$ 

ATTORNEY DOCKET NUMBER:	AMAZ-0102
NAME OF SUBMITTER:	Rozell Price Fischer
	PATENT

REEL: 048082 FRAME: 0100

14024466

U UV H

Signature:	/Rozell Price Fischer/
Date:	09/26/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
source=AMAZ-0102 2013-09-26 Fully Exect source	uted Combined Assignment and Declaration (6)#page1.tif uted Combined Assignment and Declaration (6)#page2.tif uted Combined Assignment and Declaration (6)#page3.tif uted Combined Assignment and Declaration (6)#page4.tif uted Combined Assignment and Declaration (6)#page5.tif uted Combined Assignment and Declaration (6)#page6.tif uted Combined Assignment and Declaration (6)#page7.tif uted Combined Assignment and Declaration (6)#page8.tif uted Combined Assignment and Declaration (6)#page9.tif



### UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 27, 2013

PTAS

WOODCOCK WASHBURN LLP 2929 ARCH STREET CIRA CENTRE, 12TH FLOOR PHILADELPHIA, PA 19104-2891 502511373

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 09/26/2013 REEL/FRAME: 031292/0788

NUMBER OF PAGES: 11

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: AMAZ-0102

ASSIGNOR:

HURST, WILLIAM NATHAN JOHN DOC DATE: 09/19/2013

ASSIGNOR:

EMERY, CHRISTOPHER GERALD DOC DATE: 09/19/2013

ASSIGNOR:

AVRAMOV, IVAN DOC DATE: 09/13/2013 09/19/2013

ASSIGNOR:

WRIGHT, JONATHAN PETER DOC DATE: 09/26/2013

ASSIGNOR:

COLE, TIMOTHY DANIEL DOC DATE: 09/19/2013

ASSIGNEE:

AMAZON TECHNOLOGIES, INC. P.O. BOX 8102 RENO, NEVADA 89507

 APPLICATION NUMBER: 14024466 FILING DATE: 09/11/2013 ISSUE DATE:

PATENT NUMBER: TITLE: LOG-BASED SYNCHRONIZATION WITH INFERRED CONTEXT

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

U.S. Patent Appln. No. 14/024,466 Filing Date September 11, 2013 Attorney Docket No. AMAZ-0102 Client Docket No. PM6156-US

### PARTIES TO THE ASSIGNMENT

### Assignor(s):

### WILLIAM NATHAN JOHN HURST

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### CHRISTOPHER GERALD EMERY

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### TIMOTHY DANIEL COLE

410 Terry Avenue North Seattle, WA 98109-5210

### Assignee:

Amazon Technologies, Inc. PO Box 8102 Reno, NV 89507

### **AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"LOG-BASED SYNCHRONIZATION WITH INFERRED CONTEXT" (Invention) for which a non-

provisional application for United States Letters Patent

was filed on September 11, 2013 and accorded U.S. application no. 14/024,466; or

Page 1 of 9

U.S. Patent Appln. No. 14/024,466 Filing Date September 11, 2013 Attorney Docket No. <u>AMAZ-0102</u> Client Docket No. <u>PM6156-US</u>

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

Woodcock Washburn LLP, associated with Customer No. 23377, to insert in the header above and here in

parentheses (U.S. application no. 14/024,466, filed September 11, 2013) 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;

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

Page 2 of 9

U.S. Patent Appln. No. 14/024,466 Filing Date September 11, 2013

Attorney Docket No. <u>AMAZ-0102</u> Client Docket No. <u>PM6156-US</u>

and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and

Trademarks 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 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 said 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 the 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 our heirs, legal representatives,

administrators, and assigns.

Page 3 of 9

PATENT

REEL: 048082 FRAME: 0106

U.S. Patent Appln. No. <u>14/024,466</u> Filing Date <u>September 11, 2013</u> Attorney Docket No. <u>AMAZ-0102</u> Client Docket No. <u>PM6156-US</u>

# CORRESPONDENCE ADDRESS

I hereby direct all correspondence and telephone calls in connection with this application be addressed to the number associated with the customer number listed below, which is:

Customer No.

23377

Page 4 of 9

U.S. Patent Appln. No. <u>14/024.466</u> Filing Date <u>September 11, 2013</u> Attorney Docket No. <u>AMAZ-0102</u> Client Docket No. <u>PM6156-US</u>

DECLARATION
As a below named inventor, I hereby declare that:
This declaration is directed to:
the attached application; or
☑ United States application number 14/024,466 filed on September 11, 2013; 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 joint inventor of a claimed Invention in the application.
I have reviewed and understand the contents of the above-identified application, and acknowledge the duty to disclose to the US Patent & Trademark Office all information known to me to be material to the patentability as defined in 37 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 more than five (5) years, or both.
Legal name of inventor: WILLIAM NATHAN JOHN HURST  2013 - 0 - 1 - 1 - 1  Date  Inventor Signature
WITNESSED BY:  Date  Witness (Signature)

Page 5 of 9

U.S. Patent Appln. No. <u>14/024,466</u> Filing Date <u>September 11, 2013</u> Attorney Docket No. <u>AMAZ-0102</u> Client Docket No. <u>PM6156-US</u>

DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
☑ United States application number 14/024,4	66 filed on September 11, 2013; or
PCT international application number	filed on
The above-identified application was made or authorize	red to be made by me.
I believe that I am the original inventor or an original j application.	oint inventor of a claimed Invention in the
I have reviewed and understand the contents of the about to disclose to the US Patent & Trademark Office patentability as defined in 37 CFR 1.56.	
I hereby acknowledge that any willful false statement : USC 1001 by fine or imprisonment of not more than fi	·
Legal name of inventor: CHRISTOPHER GERALI  One of inventor: CHRISTOPHER GERALI  Date	DEMERY  Inventor Signature
WITNESSED BY:  G / G / 3  Date	Witness (Signature)

Page 6 of 9

U.S. Patent Appln. No. 14/024,466 Filing Date September 11, 2013 Attorney Docket No. <u>AMAZ-0102</u> Client Docket No. <u>PM6156-US</u>

<b>DECLARATION</b>	
As a below named inventor, I hereby declare that:	•
This declaration is directed to:	
the attached application; or	
$\boxtimes$ United States application number <u>14/024,44</u>	66 filed on <u>September 11, 2013;</u> or
PCT international application number	filed on
The above-identified application was made or authorize	ed 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 about duty to disclose to the US Patent & Trademark Office a patentability as defined in 37 CFR 1.56.	••
I hereby acknowledge that any willful false statement in USC 1001 by fine or imprisonment of not more than fi	_
Legal name of inventor: IVAN AVRAMOV  2013-09-19  Date	Inventor Signature
WITNESSED BY:  C) / C) / 3  Date	Witness (Signature)

Page 7 of 9

U.S. Patent Appln. No. <u>14/024,466</u> Filing Date <u>September 11, 2013</u> Attorney Docket No. <u>AMAZ-0102</u> Client Docket No. <u>PM6156-US</u>

DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
☑ United States application number 14/024	4,466 filed on <u>September 11, 2013;</u> or
PCT international application number _	filed on
The above-identified application was made or autho	rized to be made by me.
I believe that I am the original inventor or an original application.	al joint inventor of a claimed Invention in the
I have reviewed and understand the contents of the aduty to disclose to the US Patent & Trademark Offi patentability as defined in 37 CFR 1.56.	•
I hereby acknowledge that any willful false stateme USC 1001 by fine or imprisonment of not more that	·
Legal name of inventor: JONATHAN PETER W	RIGHT
2013-09-26	Sh Well
Date	Inventor Signature
WITNESSED BY:  Date	Witness (Signature)  150 M200

Page 8 of 9

U.S. Patent Appln. No. <u>14/024,466</u> Filing Date <u>September 11, 2013</u> Attorney Docket No. <u>AMAZ-0102</u> Client Docket No. <u>PM6156-US</u>

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I have reviewed and understand the contents of the about to disclose to the US Patent & Trademark Office	
patentability as defined in 37 CFR 1.56.  I hereby acknowledge that any willful false statement USC 1001 by fine or imprisonment of not more than f	
Legal name of inventor: TIMOTHY DANIEL COL	IE TO THE TOTAL
Date	Inventor Signature
WITNESSED BY: Date	Witness (Signature)
	Witness (Printed Name)

Page 9 of 9

**RECORDED: 01/16/2019**