PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4077279

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BINH QUOC TRAN	09/17/2015
JIN GUO	09/17/2015
SHENGWEI ZHANG	09/17/2015
JAY WILLIAM KRUSE	09/22/2016

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:	14743029

CORRESPONDENCE DATA

Fax Number: (617)946-4801

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: 6179464842

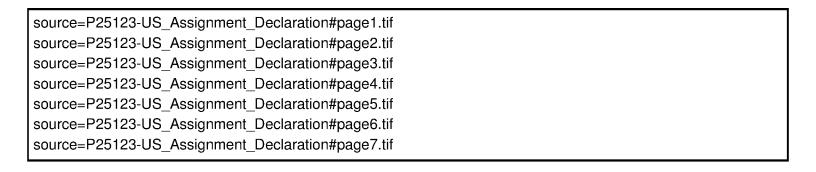
Email: bosippto@seyfarth.com ILAN N. BARZILAY **Correspondent Name:** TWO SEAPORT LANE Address Line 1:

Address Line 2: SUITE 300

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	P25123-US
NAME OF SUBMITTER:	ILAN N. BARZILAY
SIGNATURE:	/llan N. Barzilay/
DATE SIGNED:	09/30/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
	l .

Total Attachments: 7



U.S. Patent Appln. No. 14/743,029 Filing Date: June 18, 2015 Attorney Docket No. 76753.192 Client Docket No. P25123-US

PARTIES TO THE ASSIGNMENT

Assignor(s):

BINH QUOCTRAN

410 Terry Avenue North Seattle, WA 98109-5210

JIN GUO

410 Terry Avenue North Seattle, WA 98109-5210

SHENGWEI ZHANG

410 Terry Avenue North Seattle, WA 98109-5210

JAY WILLIAM KRUSE

410 Terry Avenue North Seattle, WA 98109-5210

Assignee:

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

AGREEMENT

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

ACQUISITION DURING ROAMING" (Invention) for which a non-provisional application for United States

Letters Patent

\boxtimes was filed on June 18, 2015 and accorded U.S. application no. 14/743,029; or
will be filed concurrently with the submission of this executed PATENT ASSIGNMENT fo
recordation.

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of <u>Seyfarth Shaw</u>

<u>LLP</u>, associated with Customer No. <u>71130</u>, to insert in the header above and here in parentheses (U.S.

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U.S. Patent Appln. No. 14/743,029

Filing Date: June 18, 2015

Attorney Docket No. 76753.192 Client Docket No. P25123-US

application no. 14/743,029, filed June 18, 2015) 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 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

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PATENT

REEL: 039905 FRAME: 0568

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Filing Date: June 18, 2015

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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.

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.

71130

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PATENT

REEL: 039905 FRAME: 0569

U.S. Patent Appln. No. 14/743,029 Filing Date: June 18, 2015

Attorney Docket No. 76753.192 Client Docket No. P25123-US

DECLARATION

As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
United States application number 14/743,0	<u>29</u> filed on <u>June 18, 2015</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 application.	nal joint inventor of a claimed invention in the
I have reviewed and understand the contents of the a 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 m 1001 by fine or imprisonment of not more than five (5)	And the second of the second o
Legal name of inventor: BINH QUOC TRAN	WITNESSED BY:
Inventor Signature	Witness Signature
9//7/20/5 Date	Witness (Printed Name)
	<u>570. /7 20/5</u> Date

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U.S. Patent Appln. No. 14/743,029 Filing Date: June 18, 2015 Attorney Docket No. 76753.192 Client Docket No. P25123-US

<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 application number <u>14/</u>	743,029 filed on <u>June 18, 2015</u> ; or
PCT international application number	filed on
The above-identified application was made or aut	horized to be made by me.
I believe that I am the original inventor or an application.	original joint inventor of a claimed invention in the
	the above-identified application, and acknowledge the ffice all information known to me to be material to the
	ent made in this declaration is punishable under 18 USC ve (5) years, or both.
Legal name of inventor: JIN GUO	WITNESSED BY:
Inventor Signature 9 / 17 2015 Date	Witness Signature Witness (Printed Name)

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U.S. Patent Appln. No. 14/743,029 Filing Date: June 18, 2015 Attorney Docket No. 76753.192 Client Docket No. P25123-US

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As a below named inventor, I hereby declare that:	
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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 application.	nal joint inventor of a claimed Invention in the
I have reviewed and understand the contents of the alduty 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 m	ade 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: SHENGWEI ZHANG	WITNESSED BY:
Inventor Signature	Witness Signature
<u>09/17/2015</u> Date	Witness (Printed Name)
	Squ. (7) 20(5 Date

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U.S. Patent Appln. No. 14/743,029 Filing Date: June 18, 2015 Attorney Docket No. 76753.192 Client Docket No. P25123-US

DECLARATION
As a below named inventor, I hereby declare that:
This declaration is directed to:
the attached application; or
☑ United States application number 14/743,029 filed on June 18, 2015; or
PCT international application numberfiled 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: JAY WILLIAM KRUSE
Docusigned by: / Jay William Eville 66488F5878584D7.
Inventor Signature
September 22, 2016

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20159822v.1

RECORDED: 09/30/2016

Date

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