#### 503742747 03/17/2016

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3789391

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
CALVIN YUE-REN KUO	03/10/2016
JONATHAN I. TUROW	03/13/2016
TRISTAM KYLE MACDONALD	03/10/2016
JUSTIN ROBERT KNOEPFLER	03/10/2016
YADUNANDAN PARTHASARATHY	03/16/2016
ADITYA BHALLA	03/10/2016
SUDARSHAN ANAND CHITRE	03/10/2016

#### **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:	15073554

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	3516-P29815.US
NAME OF SUBMITTER:	STEVE M. PERRY
SIGNATURE:	/Steve M. Perry/
DATE SIGNED:	03/17/2016

PATENT REEL: 038019 FRAME: 0518

503742747

	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 11	
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PATENT REEL: 038019 FRAME: 0519

U.S. Patent Appln. No	Attorney Docket No. <u>3516-P29815.US</u>
Filing Date	Client Docket No. P29815-US
PARTIES TO THE ASSIGNMENT	
Assignor(s):	
Calvin Yue-Ren Kuo	
410 Terry Avenue North	
Seattle, WA 98109-5210	
	Yadunandan Parthasarathy
Jonathan I. Turow	410 Terry Avenue North
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Seattle, WA 98109-5210	Sudarshan Anand Chitre
Justin Robert Knoepfler	410 Terry Avenue North
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Seattle, WA 98109-5210	Statesty vers season share
Assignee:	
Amazon Technologies, Inc.	
PO Box 81226	
Seattle, WA 98108-1226	
AGREEMENT	
WHEREAS, ASSIGNOR(S) (listed above) a	re inventor(s) of an invention entitled
"CONNECTION MIGRATION FOR INTERNET OF TH	IINGS (IOT) DEVICES" (Invention) for which a non-
provisional application for United States Letters	Patent (Application):
was filed on and accord	ded U.S. Application No; or
igotimes will be filed concurrently with the su	ubmission of this executed PATENT ASSIGNMENT
for recordation.	
ACCICNODICS havely as Mark as a dis-	ACCICNITION TO be and manuscript to the second
ASSIGNOR(S) hereby authorizes and request	IS ASSIGNED STEED REPRESENTATIVES, OF

Page 1 of 11

PATENT REEL: 038019 FRAME: 0520

U.S. Patent Appln. No	Attorney Docket No. 3516-P29815.US
Filing Date	Client Docket No. <u>P29815-US</u>
Title of Invention: CONNECTION MIGRATION FOR	INTERNET OF THINGS (IOT) DEVICES

Inventors: Calvin Yue-Ren Kuo, Jonathan I. Turow, Tristam Kyle MacDonald, Justin Robert Knoepfler, Yadunandan Parthasarathy, Aditya Bhalla, Sudarshan Anand Chitre

<u>Thorpe North & Western, LLP</u>, associated with Customer No. <u>136639</u>, to insert in the header above and here in parentheses (U.S. Patent Application No. \_\_\_\_\_\_\_, filed \_\_\_\_\_\_) 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, as well as all other applicable patent offices throughout the world, to issue all letters patent on said Invention to ASSIGNEE. ASSIGNOR(S)

Page 2 of 11

U.S. Patent Appln. No. \_\_\_\_\_

PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)

Attorney Docket No. 3516-P29815.US

Filing Date \_\_\_\_\_ Client Docket No. <u>P29815-US</u>

Title of Invention: CONNECTION MIGRATION FOR INTERNET OF THINGS (IOT) DEVICES

Inventors: Calvin Yue-Ren Kuo, Jonathan I. Turow, Tristam Kyle MacDonald, Justin Robert

Knoepfler, Yadunandan Parthasarathy, Aditya Bhalla, Sudarshan Anand Chitre

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 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

Page 3 of 11

PATENT REEL: 038019 FRAME: 0522

U.S. Patent Appln. No.	Attorney Docket No. <u>3516-P29815.US</u>		
Filing Date	Client Docket No. <u>P29815-US</u>		
Title of Invention: CONNECTION N	IGRATION FOR INTERNET OF THINGS (IOT) DEVICES		
Inventors: Calvin Yue-Ren Kuo, Jonathan I. Turow, Tristam Kyle MacDonald, Justin Robert Knoepfler, Yadunandan Parthasarathy, Aditya Bhalla, Sudarshan Anand Chitre			
the Invention in all countries.	These provisions are binding upon ASSIGNOR's heirs, legal		
representatives, administrators,	nd assigns.		

U.S. Patent Appln. No		Attorney Docket No. <u>3</u>	<u>516-P29815.US</u>
Filing Date		Client Docket	No. <u>P29815-US</u>
Title of Invention: CONNECTION MIGRATIC	ON FOR INTERN	ET OF THINGS (IOT) DEVIC	<u>ES</u>
Inventors: Calvin Yue-Ren Kuo, Jonathan Knoepfler, Yadunandan Parthasarathy, A		-	in Robert
<b>DECLARATION</b> As a below named inventor, I hereby decl	lare that:		
This declaration is directed to:			
igstyle igstyle igstyle the attached application; or			
United States Patent Applicat	ion number	filed on	; or
PCT International Application	number	filed on	······¹
The above-identified application was made	de or authorized	I to be made by me.	
I believe that I am the original inventor or application.	r an original joir	nt inventor of a claimed Ir	nvention in the
I have reviewed and understand the cont	ents of the abo	ve-identified application,	and
acknowledge the duty to disclose to the $\ensuremath{U}$	JS Patent & Tra	demark Office all informa	ition known to
me to be material to the patentability as	defined in 37 CI	FR 1.56.	
I hereby acknowledge that any willful fals	e statement ma	ade in this declaration is p	ounishable
under 18 USC 1001 by fine or imprisonme	ent of not more	than five (5) years, or bo	th.
Calvin Yue-Ren Kuo			
March 10, 2016			
Date			

U.S. Patent Appln. No	Attorney Docket No. <u>3516-P29815.US</u>
Filing Date	Client Docket No. <u>P29815-US</u>
Title of Invention: CONNECTION MIGRATION FOR INTE	RNET OF THINGS (IOT) DEVICES
Inventors: Calvin Yue-Ren Kuo, Jonathan I. Turow, Tri Knoepfler, Yadunandan Parthasarathy, Aditya Bhalla	· ·
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
igotimes the attached application; or	
United States Patent Application number_	filed on; or
PCT International Application number	filed on
The above-identified application was made or authorize	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 al	bove-identified application, and
acknowledge the duty to disclose to the US Patent & T	rademark 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 mo	ore than five (5) years, or both.
Jonathan 1. Twow/ DFB9937A288B456	
Jonathan I. Turow	
March 13, 2016	
Date	

U.S. Patent Appln. No	Attorney Docket No. <u>35</u> 2	<u>16-P29815.US</u>
Filing Date	Client Docket N	o. <u>P29815-US</u>
Title of Invention: CONNECTION MIGRATION FOR IN	ITERNET OF THINGS (IOT) DEVICES	<u>5</u>
Inventors: Calvin Yue-Ren Kuo, Jonathan I. Turow, Knoepfler, Yadunandan Parthasarathy, Aditya Bha		Robert
DECLARATION		
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
igsep the attached application; or		
United States Patent Application numb	er filed on	; or
PCT International Application number	filed on	<i>.</i>
The above-identified application was made or auth	orized to be made by me.	
I believe that I am the original inventor or an origin application.	al joint inventor of a claimed Inv	ention in the
I have reviewed and understand the contents of th	e above-identified application, a	nd
acknowledge the duty to disclose to the US Patent	& Trademark Office all informati	on known to
me to be material to the patentability as defined in	37 CFR 1.56.	
I hereby acknowledge that any willful false stateme	ent made in this declaration is pu	ınishable
under 18 USC 1001 by fine or imprisonment of not	more than five (5) years, or both	<b>1.</b>
Docusigned by:  Tristam kyle MacDonald/		
Tristam Kyle MacDonald		
March 10, 2016		
Date		

U.S. Patent Appln. No	Attorney Docket No. <u>3516-P2</u>	9815.US		
ling Date Client Docket No. P298				
Title of Invention: CONNECTION MIGRATION FOR IN	TERNET OF THINGS (IOT) DEVICES			
Inventors: Calvin Yue-Ren Kuo, Jonathan I. Turow, Knoepfler, Yadunandan Parthasarathy, Aditya Bha		ert		
DECLARATION				
As a below named inventor, I hereby declare that:				
This declaration is directed to:				
igstyle the attached application; or				
United States Patent Application number	r filed on; c	or		
PCT International Application number	filed on			
The above-identified application was made or author	orized to be made by me.			
I believe that I am the original inventor or an original application.	al joint inventor of a claimed Inventio	n in the		
I have reviewed and understand the contents of the	above-identified application, and			
acknowledge the duty to disclose to the US Patent 8	& Trademark Office all information kr	nown to		
me to be material to the patentability as defined in	37 CFR 1.56.			
I hereby acknowledge that any willful false stateme	nt made in this declaration is punisha	able		
under 18 USC 1001 by fine or imprisonment of not r	more than five (5) years, or both.			
Justin Robert Euroepfler/ BC360BF6CD47439				
Justin Robert Knoepfler				
March 10, 2016				
Date				

U.S. Patent Appln. No	Attorney Docket No. 3516-P29815.US
Filing Date	Client Docket No. <u>P29815-US</u>
Title of Invention: CONNECTION MIGRATION	FOR INTERNET OF THINGS (IOT) DEVICES
Inventors: Calvin Yue-Ren Kuo, Jonathan I. Knoepfler, Yadunandan Parthasarathy, Adi	Turow, Tristam Kyle MacDonald, Justin Robert tya Bhalla, Sudarshan Anand Chitre
<u>DECLARATION</u>	
As a below named inventor, I hereby declare	e that:
This declaration is directed to:	
the attached application; or	
United States Patent Application	number filed on; or
PCT International Application nu	mber filed on
The above-identified application was made	or authorized to be made by me.
I believe that I am the original inventor or a application.	n original joint inventor of a claimed Invention in the
I have reviewed and understand the content	ts of the above-identified application, and
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me to be material to the patentability as de-	fined in 37 CFR 1.56.
I hereby acknowledge that any willful false s	tatement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment	of not more than five (5) years, or both.
Uadunandan Parthasarathy/ ED85FFFEBF9E434	
Yadunandan Parthasarathy	
March 16, 2016	
Date	

U.S. Patent Appln. No.	Attorney Docket No. <u>3516-P29815.</u>	<u>JS</u>
Filing Date	Client Docket No. <u>P29815-</u>	<u>JS</u>
Title of Invention: CONNECTION MIGRATION FOR IN	NTERNET OF THINGS (IOT) DEVICES	
Inventors: Calvin Yue-Ren Kuo, Jonathan I. Turow, Knoepfler, Yadunandan Parthasarathy, Aditya Bha	•	
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the attached application; or		
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The above-identified application was made or auth	norized to be made by me.	
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I have reviewed and understand the contents of th	e above-identified application, and	
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me to be material to the patentability as defined in	1 37 CFR 1.56.	
I hereby acknowledge that any willful false stateme	ent made in this declaration is punishable	
under 18 USC 1001 by fine or imprisonment of not	more than five (5) years, or both.	
Docusigned by:  Ilditya Bhalla/  577123AA1437433		
Aditya Bhalla		
- among an area among		
March 10, 2016		
Date		

U.S. Patent Appln. No		Attorney Docket No. 3	516-P29815.US		
Filing Date	Client Docket No. <u>P29815-US</u>				
Title of Invention: CONNECTION MIGRATION	ON FOR INTERNE	T OF THINGS (IOT) DEVIC	<u>ES</u>		
Inventors: Calvin Yue-Ren Kuo, Jonathan Knoepfler, Yadunandan Parthasarathy, A		-	in Robert		
DECLARATION					
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This declaration is directed to:					
the attached application; or					
United States Patent Applicat	ion number	filed on	; or		
PCT International Application	number	filed on	<b></b> •		
The above-identified application was made	de or authorized	to be made by me.			
I believe that I am the original inventor or application.	r an original joint	t inventor of a claimed In	vention in the		
I have reviewed and understand the cont	ents of the abov	e-identified application,	and		
acknowledge the duty to disclose to the $\ensuremath{U}$	JS Patent & Trad	lemark Office all informa	tion known to		
me to be material to the patentability as	defined in 37 CF	R 1.56.			
I hereby acknowledge that any willful fals	e statement ma	de in this declaration is p	unishable		
under 18 USC 1001 by fine or imprisonme	ent of not more t	than five (5) years, or bot	th.		
Sudarshan duand Chitre/ —807F6FFD67BC494					
Sudarshan Anand Chitre					
March 10, 2016					
Date					

Page 11 of 11