504683442 12/12/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4730164

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RANGAPRABHU PARTHASARATHY	12/07/2017
SNEHAL G. JOSHI	12/11/2017
ARVIND MANDHANI	12/07/2017
DHANANJAY MOTWANI	12/11/2017
DIBYENDU NANDY	12/08/2017
HANS EDWARD BIRCH-JENSEN	12/07/2017
AMBIKA PAJJURI	12/11/2017

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:	15838969

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	AM2-2504US
NAME OF SUBMITTER:	SAYBRA MORRIS
SIGNATURE:	/Saybra Morris/
DATE SIGNED:	12/12/2017

504683442 PATENT REEL: 044369 FRAME: 0376

	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 11	
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PATENT REEL: 044369 FRAME: 0377

U.S. Patent Appln. No. 15/838,969

Filing Date December 12, 2017

Client Docket No. PM16141-US

PARTIES TO THE ASSIGNMENT

Assignor(s):

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Dibyendu Nandy

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Hans Edward Birch-Jensen 410 Terry Avenue North Seattle, WA 98109-5210

Ambika Pajjuri 410 Terry Avenue North Seattle, WA 98109-5210

AGREEMENT

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

"ARCHITECTURES AND TOPOLOGIES FOR VEHICLE-BASED, VOICE-CONTROLLED DEVICES"

(Invention) for which a non-provisional application for United States Letters Patent (Application):

| was filed on ______ and accorded U.S. Application No. ______; 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

Page 1 of 11

U.S. Patent Appln. No. 15/838,969 Attorney Docket No. AM2-2504US
Filing Date December 12, 2017 Client Docket No. PM16141-US

Title of Invention: <u>ARCHITECTURES AND TOPOLOGIES FOR VEHICLE-BASED</u>, <u>VOICE-CONTROLLED DEVICES</u>

Inventors: Rangaprabhu Parthasarathy, Snehal G. Joshi, Arvind Mandhani, Dhananjay Motwani, Dibyendu Nandy, Hans Edward Birch-Jensen, Ambika Pajjuri

Lee & Hayes, PLLC, associated with Customer No. 136607, to insert in the header above and here in parentheses (U.S. Patent Application No. 15/838,969 December 12, 2017 filed December 12, 2017 filed here in parentheses (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

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15/838,969

U.S. Patent Appln. No.

Attorney Docket No. AM2-2504US

Filing Date December 12, 2017

Client Docket No. PM16141-US

Title of Invention: ARCHITECTURES AND TOPOLOGIES FOR VEHICLE-BASED, VOICE-CONTROLLED

DEVICES

Inventors: Rangaprabhu Parthasarathy, Snehal G. Joshi, Arvind Mandhani, Dhananjay

Motwani, Dibyendu Nandy, Hans Edward Birch-Jensen, Ambika Pajjuri

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

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

Page 3 of 11

PATENT REEL: 044369 FRAME: 0380

U.S. Patent Appln. No. ____15/838,969

Attorney Docket No. AM2-2504US

Filing Date December 12, 2017

Client Docket No. PM16141-US

Title of Invention: <u>ARCHITECTURES AND TOPOLOGIES FOR VEHICLE-BASED, VOICE-CONTROLLED DEVICES</u>

Inventors: Rangaprabhu Parthasarathy, Snehal G. Joshi, Arvind Mandhani, Dhananjay Motwani, Dibyendu Nandy, Hans Edward Birch-Jensen, Ambika Pajjuri

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.	15/838,969	Attorney Docket No. <u>AM2-2504US</u>
Filing DateDecember	12, 2017	Client Docket No. PM16141-US
Title of Invention: ARCH DEVICES	HITECTURES AND	TOPOLOGIES FOR VEHICLE-BASED, VOICE-CONTROLLED
- -	•	Snehal G. Joshi, Arvind Mandhani, Dhananjay rd Birch-Jensen, Ambika Pajjuri
<u>DECLARATION</u> As a below named inve	ntor, I hereby de	clare that:
This declaration is direc	ted to:	
🔀 the attache	d application; or	
United State	es Patent Applica	ition number filed on; or
PCT Interna	tional Applicatio	n number filed on
The above-identified ap	oplication was ma	ade or authorized to be made by me.
I believe that I am the capplication.	original inventor (or an original joint inventor of a claimed Invention in the
I have reviewed and un	derstand the cor	itents of the above-identified application, and
acknowledge the duty t	o disclose to the	US Patent & Trademark Office all information known to
me to be material to th	e patentability as	s defined in 37 CFR 1.56.
I hereby acknowledge t	hat any willful fa	lse statement made in this declaration is punishable
under 18 USC 1001 by f	ine or imprisonm	nent of not more than five (5) years, or both.
Tangaprablu Parll	iasaratliy/	
Rangaprabhu Parthasar	rathy	
December 7, 2017		_
Date		

J.S. Patent Appln. No15/838,969	Attorney Docket No. <u>AM2-2504US</u>
Filing DateDecember 12, 2017	Client Docket No. PM16141-US
Title of Invention: <u>ARCHITECTURES AND TO</u> DEVICES	OPOLOGIES FOR VEHICLE-BASED, VOICE-CONTROLLED
nventors: Rangaprabhu Parthasarathy , S Motwani, Dibyendu Nandy, Hans Edwa r	Snehal G. Joshi, Arvind Mandhani, Dhananjay d Birch-Jensen, Ambika Pajjuri
DECLARATION	
As a below named inventor, I hereby dec	are that:
This declaration is directed to:	
igotimes the attached application; or	
United States Patent Applicat	ion number; or
PCT International Application	number filed on
The above-identified application was mad	de or authorized to be made by me.
believe that I am the original inventor or	an original joint inventor of a claimed Invention in the
have reviewed and understand the cont	ents of the above-identified application, and
acknowledge the duty to disclose to the l	JS Patent & Trademark Office all information known to
me to be material to the patentability as	defined in 37 CFR 1.56.
hereby acknowledge that any willful fals	e statement made in this declaration is punishable
·	ent of not more than five (5) years, or both.
— becusions by /Snelial G. Joshi/ —enriscorrosso	
Snehal G. Joshi	
December 11, 2017	
Date	

Page 6 of 11

U.S. Patent Appln. No15/838,969		Attorney Docket N	lo. <u>AM2-2504US</u>
Filing Date December 12, 2017		Client Docket N	lo. <u>PM16141-US</u>
Title of Invention: <u>ARCHITECTURES AND TO</u> <u>DEVICES</u>	POLOGIES FOR VE	EHICLE-BASED, VOICE-	CONTROLLED
Inventors: Rangaprabhu Parthasarathy , S Motwani, Dibyendu Nandy, Hans Edwa rd			nanjay
<u>DECLARATION</u>			
As a below named inventor, I hereby decla	are that:		
This declaration is directed to:			
igotimes the attached application; or			
United States Patent Application	on number	filed on	; or
PCT International Application r	number	filed on	<u></u> .
The above-identified application was mad	e or authorized to	be made by me.	
I believe that I am the original inventor or	an original joint ir	nventor of a claimed I	nvention in the
application.			
I have reviewed and understand the conte	ents of the above	identified application	and
acknowledge the duty to disclose to the U		• •	-
,			ation known to
me to be material to the patentability as o	ieimea in 37 CFK .	1.56.	
I hereby acknowledge that any willful false	e statement made	in this declaration is	punishable
under 18 USC 1001 by fine or imprisonme	nt of not more tha	an five (5) years, or bo	oth.
— townsomers Arvive Man Manil — 134574790557484			
Arvind Mandhani			
December 7, 2017			
Date			

Page 7 of 11

U.S. Patent Appln. No	Attorney Docket No. <u>AM2-2504L</u>	<u>JS</u>
Filing Date <u>December</u> 12, 2017	Client Docket No. <u>PM16141-L</u>	JS
Title of Invention: <u>ARCHITECTURES AND TO</u> <u>DEVICES</u>	OPOLOGIES FOR VEHICLE-BASED, VOICE-CONTROLLED	
Inventors: Rangaprabhu Parthasarathy, S Motwani, Dibyendu Nandy, Hans Edwa rd	nehal G. Joshi, Arvind Mandhani, Dhananjay l Birch-Jensen, Ambika Pajjuri	
DECLARATION		
As a below named inventor, I hereby decla	are that:	
This declaration is directed to:		
igotimes the attached application; or		
United States Patent Application	on number; or	
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The above-identified application was mad	e or authorized to be made by me.	
I believe that I am the original inventor or application.	an original joint inventor of a claimed Invention in the	e
I have reviewed and understand the conte	ents of the above-identified application, and	
acknowledge the duty to disclose to the U	S Patent & Trademark Office all information known to	o
me to be material to the patentability as o	lefined in 37 CFR 1.56.	
I hereby acknowledge that any willful false	e statement made in this declaration is punishable	
under 18 USC 1001 by fine or imprisonme	nt of not more than five (5) years, or both.	
— buushuus by Mananjay Mdwani/ — buoshuus Mdwani Dhananjay Motwani		
December 11, 2017		
Date		

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U.S. Patent Appln. No15/838,969	Attorney Docket No. <u>AM2-2504US</u>
Filing Date December 12, 2017	Client Docket No. PM16141-US
Title of Invention: <u>ARCHITECTURES AND TO DEVICES</u>	DPOLOGIES FOR VEHICLE-BASED, VOICE-CONTROLLED
Inventors: Rangaprabhu Parthasarathy, S Motwani, Dibyendu Nandy, Hans Edward	nehal G. Joshi, Arvind Mandhani, Dhananjay I Birch-Jensen, Ambika Pajjuri
DECLARATION	
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,	e statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonme	nt of not more than five (5) years, or both.
Docustiquest by: Nibyen La Nandy/	
Dibyendu Nandy	
December 8, 2017	
Date	

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U.S. Patent Appln. No	15/838,969		Attorney Docket N	o. <u>AM2-2504US</u>
Filing DateDecember	12, 2017		Client Docket N	lo. <u>PM16141-US</u>
Title of Invention: <u>ARCH</u> <u>DEVICES</u>	ITECTURES AND T	OPOLOGIES FOR VE	HICLE-BASED, VOICE-	CONTROLLED
Inventors: Rangaprabhu Motwani, Dibyendu Na				nanjay
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igstyle igytyle igstyle igytyle	d application; or			
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I hereby acknowledge th	nat any willful fals	se statement made	in this declaration is	punishable
under 18 USC 1001 by fi	•			•
— cousines on 7Haws Edward Bir — cousinesses	de-Jensen/			
Hans Edward Birch-Jens	en			
December 7, 2017				
Date				

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U.S. Patent Appln. No15/838,969	Attorne	y Docket No. <u>AM2-2504US</u>
Filing Date December 12, 2017	Clier	nt Docket No. <u>PM16141-US</u>
Title of Invention: <u>ARCHITECTURES AND TO DEVICES</u>	OPOLOGIES FOR VEHICLE-BAS	ED, VOICE-CONTROLLED
Inventors: Rangaprabhu Parthasarathy, S Motwani, Dibyendu Nandy, Hans Edward		
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me to be material to the patentability as defined in 37 CFR 1.56.		
I hereby acknowledge that any willful falsunder 18 USC 1001 by fine or imprisonment		·
/lmhba faguri/		
December 11, 2017 Date		

Page 11 of 11

PATENT REEL: 044369 FRAME: 0388

RECORDED: 12/12/2017