505584720 07/23/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5631519

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEBASTIAN PIERCE-DURANCE	07/16/2019
KENNETH EDWARD CECKA	07/11/2019
ADAM STEVENS	07/11/2019
SANJAY DEVIREDDY	07/15/2019
PO-CHEN PAUL YANG	07/11/2019
NAVEEN KUMAR DEVARAJ	07/15/2019
FEDERICO DAN ROZENBERG	07/19/2019
PETE BALDRIDGE	07/15/2019
RAJIV JAIN	07/11/2017
PRANOV RAI	07/11/2019
TODD GREENWALT	07/18/2019
YUSUF GOREN	07/12/2019

RECEIVING PARTY DATA

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Street Address:	PO BOX 81226
City:	SEATTLE
State/Country:	WASHINGTON
Postal Code:	98108-1226

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16519299

CORRESPONDENCE DATA

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Address Line 2: SUITE 2250

REEL: 049832 FRAME: 0225

PATENT -

505584720

Address Line 4: BOSTON, MASSACHUSETTS 02110		
ATTORNEY DOCKET NUMBER:	P64769-US01	
NAME OF SUBMITTER:	STEVEN J. RUSSELL	
SIGNATURE:	/Steven J. Russell/	
DATE SIGNED:	07/23/2019	
Total Attachments: 16		
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PATENT REEL: 049832 FRAME: 0226

U.S. Patent Appln. No.	Attorney Docket No. <u>34703-07005</u>	
Filing Date	Client Docket No. <u>P64769-US01</u>	
PARTIES TO THE ASSIGNMENT		
A / 3		
Assignor(s):		
Sebastian Pierce-Durance	Federico Dan Rozenberg	
410 Terry Avenue North	410 Terry Avenue North	
Seattle, WA 98109-5210	Seattle, WA 98109-5210	
Kenneth Edward Cecka	Pete Baldridge	
410 Terry Avenue North	410 Terry Avenue North	
Seattle, WA 98109-5210	Seattle, WA 98109-5210	
Adam Stevens	Rajiv Jain	
410 Terry Avenue North	410 Terry Avenue North	
Seattle, WA 98109-5210	Seattle, WA 98109-5210	
Sanjay Devireddy	Pranov Rai	
410 Terry Avenue North	410 Terry Avenue North	
Seattle, WA 98109-5210	Seattle, WA 98109-5210	
Po-Chen Paul Yang	Todd Greenwalt	
410 Terry Avenue North	410 Terry Avenue North	
Seattle, WA 98109-5210	Seattle, WA 98109-5210	
,		
Naveen Kumar Devaraj	Yusuf Goren	
410 Terry Avenue North	410 Terry Avenue North	
Seattle, WA 98109-5210	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		
"MANAGEMENT OF LOCAL DEVICES" (Invention) for which a non-provisional application for United		
MANAGEMENT OF LOCAL DEVICES (invention, for which a non-provisional application for Office	
States Letters Patent (Application):		
was filed on	and accorded U.S. Application No. ; or	

Page 1 of 16

U.S. Patent Appln. No	Attorney Docket No. <u>34703-07005</u>
Filing Date	Client Docket No. <u>P64769-US01</u>

Title of Invention: MANAGEMENT OF LOCAL DEVICES

Inventors: Sebastian Pierce-Durance, Kenneth Edward Cecka, Adam Stevens, Sanjay Devireddy, Po-Chen Paul Yang, Naveen Kumar Devaraj, Federico Dan Rozenberg, Pete Baldridge, Rajiv Jain, Pranov Rai, Todd Greenwalt, Yusuf Goren

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

Pierce Atwood LLP, associated with Customer No. 136714, 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

Page 2 of 16

Attorney Docket No. 34703-07005

Filing Date _____ Client Docket No. <u>P64769-US01</u>

Title of Invention: MANAGEMENT OF LOCAL DEVICES

Inventors: Sebastian Pierce-Durance, Kenneth Edward Cecka, Adam Stevens, Sanjay Devireddy,

Po-Chen Paul Yang, Naveen Kumar Devaraj, Federico Dan Rozenberg, Pete Baldridge, Rajiv Jain,

Pranov Rai, Todd Greenwalt, Yusuf Goren

U.S. Patent Appln. No. _____

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

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

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PATENT REEL: 049832 FRAME: 0229

U.S. Patent Appln. No.	Attorney Docket No. <u>34703-07005</u>
Filing Date	Client Docket No. <u>P64769-US01</u>

Title of Invention: MANAGEMENT OF LOCAL DEVICES

Inventors: Sebastian Pierce-Durance, Kenneth Edward Cecka, Adam Stevens, Sanjay Devireddy, Po-Chen Paul Yang, Naveen Kumar Devaraj, Federico Dan Rozenberg, Pete Baldridge, Rajiv Jain, Pranov Rai, Todd Greenwalt, Yusuf Goren

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	Attorney Docket No	. <u>34703-07005</u>
Filing Date	Client Docket No	. <u>P64769-US01</u>
Title of Invention: MANAGEMENT OF LOCAL DEVICES		
Inventors: Sebastian Pierce-Durance, Kenneth Edward Ce Po-Chen Paul Yang, Naveen Kumar Devaraj, Federico Dan Pranov Rai, Todd Greenwalt, Yusuf Goren		•
<u>DECLARATION</u> 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 authorized	d to be made by me.	
I believe that I am the original inventor or an original joir application.	nt inventor of a claimed In	vention in the
I have reviewed and understand the contents of the above	ve-identified application,	and
acknowledge the duty to disclose to the US Patent & Tra	demark Office all informa	tion known to
me to be material to the patentability as defined in 37 CI	FR 1.56.	
I hereby acknowledge that any willful false statement ma	ade in this declaration is p	unishable
under 18 USC 1001 by fine or imprisonment of not more	than five (5) years, or bot	:h.
Docusigned by: /Subastian Pierce—Durance/ OAF4835755FD4FD		
Sebastian Pierce-Durance		
July 16, 2019		
Date		

J.S. Patent Appin. No	Attorney Docket No	. 34/03-0/005
Filing Date	Client Docket No	. <u>P64769-US01</u>
Fitle of Invention: MANAGEMENT OF LOCAL DEVIC	<u>ES</u>	
nventors: Sebastian Pierce-Durance , Kenneth Edw Po-Chen Paul Yang, Naveen Kumar Devaraj, Federi Pranov Rai, Todd Greenwalt, Yusuf Goren		• •
DECLARATION		
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
igstyle the attached application; or		
United States Patent Application numb	oer filed on	; or
PCT International Application number	filed on	 '
The above-identified application was made or auth	norized to be made by me.	
believe that I am the original inventor or an original inventor or an original inventor.	nal joint inventor of a claimed In	vention in the
have reviewed and understand the contents of the	ne above-identified application,	and
acknowledge the duty to disclose to the US Patent	: & Trademark Office all informa	tion known to
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hereby acknowledge that any willful false statem	ent made in this declaration is p	unishable
under 18 USC 1001 by fine or imprisonment of not	more than five (5) years, or bot	h.
Docusigned by: /kenneth Edward (uka/063F520BA6B3478		
Kenneth Edward Cecka		
July 11, 2019		
Date		

Page 6 of 16

J.S. Patent Appln. No	Attorney Docket I	No. <u>34703-07005</u>
Filing Date	Client Docket N	No. <u>P64769-US01</u>
Fitle of Invention: MANAGEMENT OF LOCAL DEVIC	<u>ies</u>	
nventors: Sebastian Pierce-Durance , Kenneth Edw Po-Chen Paul Yang, Naveen Kumar Devaraj, Feder Pranov Rai, Todd Greenwalt, Yusuf Goren	-	
DECLARATION		
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acknowledge the duty to disclose to the US Paten	t & Trademark Office all inforn	nation known to
me to be material to the patentability as defined i	in 37 CFR 1.56.	
hereby acknowledge that any willful false statem	nent made in this declaration is	s punishable
under 18 USC 1001 by fine or imprisonment of no	ot more than five (5) years, or b	ooth.
Docusigned by: /blam Stevens/02BB471A2C0C4D1		
Adam Stevens		
July 11, 2019		
Date		

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U.S. Patent Appin. No	Attorney Docket	: No. <u>34/03-0/005</u>
Filing Date	Client Docket	No. <u>P64769-US01</u>
Title of Invention: MANAGEMENT OF LOCAL DEVI	CES	
Inventors: Sebastian Pierce-Durance, Kenneth Edv Po-Chen Paul Yang, Naveen Kumar Devaraj, Fedei Pranov Rai, Todd Greenwalt, Yusuf Goren		
DECLARATION		
As a below named inventor, I hereby declare that	t:	
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me to be material to the patentability as defined	in 37 CFR 1.56.	
I hereby acknowledge that any willful false stater	nent made in this declaration	is punishable
under 18 USC 1001 by fine or imprisonment of no	ot more than five (5) years, or	both.
Docusigned by: /Sanjay Devireddy/FB7E6FEACE374AB		
Sanjay Devireddy		
July 15, 2019		
Date		

Page 8 of 16

U.S. Patent Appin. No	Attorney Docket No.	34/03-07005
Filing Date	Client Docket No.	P64769-US01
Title of Invention: MANAGEMENT OF LOCAL DEVICES		
Inventors: Sebastian Pierce-Durance, Kenneth Edwarc Po-Chen Paul Yang, Naveen Kumar Devaraj, Federico Pranov Rai, Todd Greenwalt, Yusuf Goren		•
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acknowledge the duty to disclose to the US Patent &	Trademark Office all informati	ion known to
me to be material to the patentability as defined in 3	7 CFR 1.56.	
I hereby acknowledge that any willful false statemen	t made in this declaration is pu	ınishable
under 18 USC 1001 by fine or imprisonment of not m	ore than five (5) years, or both).
Docusigned by: //o-Clun faul Yang/D1C8B556E955410		
Po-Chen Paul Yang		
July 11, 2019		
Date		

Page 9 of 16

U.S. Patent Appln. No		Attorney Docket N	lo. <u>34703-07005</u>
Filing Date		Client Docket N	o. <u>P64769-US01</u>
Title of Invention: MANAGEMENT OF LOCAL D	<u>EVICES</u>		
Inventors: Sebastian Pierce-Durance, Kenneth Po-Chen Paul Yang, Naveen Kumar Devaraj, Fo Pranov Rai, Todd Greenwalt, Yusuf Goren		-	
DECLARATION			
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me to be material to the patentability as defir	ned in 37 CFR 1.	.56.	
I hereby acknowledge that any willful false sta	atement made i	in this declaration is	punishable
under 18 USC 1001 by fine or imprisonment o	of not more tha	n five (5) years, or bo	oth.
Docusigned by: /Naween Eumar Devaraj/D48B1D487A8942E			
Naveen Kumar Devaraj			
July 15, 2019			
Date			

Page 10 of 16

U.S. Patent Appln. No		Attorney Docket f	No. <u>34/03-0/005</u>
Filing Date		Client Docket N	lo. <u>P64769-US01</u>
Title of Invention: MANAGEMENT OF LOCAL	_ DEVICES		
Inventors: Sebastian Pierce-Durance, Kenne Po-Chen Paul Yang, Naveen Kumar Devaraj, Pranov Rai, Todd Greenwalt, Yusuf Goren		· · · · · · · · · · · · · · · · · · ·	
<u>DECLARATION</u>			
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United States Patent Applicatio	n number	filed on	; or
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The above-identified application was made	or authorized	to be made by me.	
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me to be material to the patentability as de	efined in 37 CFI	R 1.56.	
I hereby acknowledge that any willful false	statement mad	de in this declaration is	punishable
under 18 USC 1001 by fine or imprisonmen	t of not more t	han five (5) years, or b	oth.
Docusigned by: 1 Federico Dan Rozenberg/ 4A92B236F5D6404			
Federico Dan Rozenberg			
July 19, 2019			
Date			

Page 11 of 16

U.S. Patent Appin. No	Attorney Docket No. <u>3470</u>	<u> </u>
Filing Date	Client Docket No. <u>P647</u>	769-US01
Title of Invention: MANAGEMENT OF LOCAL DEVICES		
Inventors: Sebastian Pierce-Durance, Kenneth Edward Po-Chen Paul Yang, Naveen Kumar Devaraj, Federico I Pranov Rai, Todd Greenwalt, Yusuf Goren		
DECLARATION		
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
igsep the attached application; or		
United States Patent Application number	filed on c	or
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The above-identified application was made or author	ized to be made by me.	
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Pocusigned by: 1 fute Baldridge/ 85EEDE481634416		
Pete Baldridge		
July 15, 2019		
Date		

Page 12 of 16

U.S. Patent Appln. No		Attorney Docket N	lo. <u>34703-07005</u>
Filing Date		Client Docket N	o. <u>P64769-US01</u>
Title of Invention: MANAGEMENT OF LOCA	AL DEVICES		
Inventors: Sebastian Pierce-Durance , Kenn Po-Chen Paul Yang, Naveen Kumar Devara Pranov Rai, Todd Greenwalt, Yusuf Goren		-	
DECLARATION			
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United States Patent Application	on number	filed on	; or
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under 18 USC 1001 by fine or imprisonme	nt of not more ti	ian five (5) years, or bo	JUII.
Docusigned by: /kajiv Jaiw/E0858947E80D422			
Rajiv Jain			
July 11, 2019			
Date			

Page 13 of 16

U.S. Patent Appln. No	Attorney Docket No.	34703-07005
Filing Date	Client Docket No.	P64769-US01
Title of Invention: MANAGEMENT OF LOCAL DEVICES	:	
Inventors: Sebastian Pierce-Durance , Kenneth Edwar Po-Chen Paul Yang, Naveen Kumar Devaraj, Federicc Pranov Rai, Todd Greenwalt, Yusuf Goren		•
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Docusigned by: ///ANDV Kai/ D4F88843DE5F401		
Pranov Rai		
July 11, 2019		
Date		

Page 14 of 16

U.S. Patent Appln. No	Attorney Docket No. 34703-07005
Filing Date	Client Docket No. <u>P64769-US01</u>
Title of Invention: MANAGEMENT OF LOCAL DEVICES	2
Inventors: Sebastian Pierce-Durance, Kenneth Edwa Po-Chen Paul Yang, Naveen Kumar Devaraj, Federico Pranov Rai, Todd Greenwalt, Yusuf Goren	
DECLARATION	
As a below named inventor, I hereby declare that:	
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under 18 USC 1001 by fine or imprisonment of not i	more than five (5) years, or both.
Docusigned by: 1 told Greenwalt/	
Todd Greenwalt	
July 18, 2019	
Date	

Page 15 of 16

U.S. Patent Appln. No	Attorney Docket No. <u>34703-07005</u>
Filing Date	Client Docket No. <u>P64769-US01</u>
Title of Invention: MANAGEMENT OF LOCAL E	<u>DEVICES</u>
	Edward Cecka, Adam Stevens, Sanjay Devireddy, ederico Dan Rozenberg, Pete Baldridge, Rajiv Jain,
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under 18 USC 1001 by fine or imprisonment o	of not more than five (5) years, or both.
Docusigned by: 1 Yusuf Goren/	
9780323161F3477	
Yusuf Goren	
July 12, 2019	
Date	

Page 16 of 16

PATENT REEL: 049832 FRAME: 0242