505672976 09/16/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5719783

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AKSHAT VIG	09/03/2019
SOMASUNDARAM PERIANAYAGAM	09/12/2019
TONY PETROSSIAN	08/30/2019
ARIJIT CHOUDHURY	09/03/2019
JAMES CHRISTOPHER SORENSON III	08/30/2019
ALEXANDER RICHARD KEYES	09/12/2019
AKANKSHA FOUZDAR	09/12/2019
MARK ROPER	08/30/2019
OREN YOSSEF	09/01/2019
JOON AHN	09/03/2019

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:	16570891

CORRESPONDENCE DATA

Fax Number: (512)853-8801

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.

512-853-8800 Phone:

Email: abowen@intprop.com ROBERT C. KOWERT Correspondent Name:

Address Line 1: PO BOX 398

Address Line 4: **AUSTIN, TEXAS 78767-0398**

ATTORNEY DOCKET NUMBER: 6924-94400

> **PATENT** REEL: 050381 FRAME: 0171

NAME OF SUBMITTER:	ROBERT C. KOWERT
SIGNATURE:	/Robert C. Kowert/
DATE SIGNED:	09/16/2019
Total Attachments: 14	
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source=P65109-US01-Assignment#page14.tif

PATENT REEL: 050381 FRAME: 0172

U.S. Patent Appln. No	Attorney Docket No. OC Matter Number
Filing Date	Client Docket No. <u>Amazon Matter Number</u>
PARTIES TO THE ASSIGNMENT	
Assignor(s):	
Akshat Vig	Alexander Richard Keyes
410 Terry Avenue North	410 Terry Avenue North
Seattle, WA 98109-5210	Seattle, WA 98109-5210
Somasundaram Perianayagam	Akanksha Fouzdar
410 Terry Avenue North	410 Terry Avenue North
Seattle, WA 98109-5210	Seattle, WA 98109-5210
Tony Petrossian	Mark Roper
410 Terry Avenue North	410 Terry Avenue North
Seattle, WA 98109-5210	Seattle, WA 98109-5210
Arijit Choudhury	Oren Yossef
410 Terry Avenue North	410 Terry Avenue North
Seattle, WA 98109-5210	Seattle, WA 98109-5210
James Christopher Sorenson III	Joon Ahn
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
"GLOBAL TABLE MANAGEMENT OPERATIONS FOR M	MULTI-REGION REPLICATED TABLES" (Invention)
for which a non-provisional application for United S	States Letters Patent (Application):
was filed on and accorded	U.S. Application No; or
will be filed concurrently with the subr	nission of this executed PATENT ASSIGNMENT
for recordation.	

Page 1 of 14

J.S. Patent Appin. No	Attorney Docket No. <u>OC Matter Number</u>
Filing Date	Client Docket No. <u>Amazon Matter Number</u>
Fitle of Invention: <u>GLOBAL TABLE MANAGEMENT</u> ΓABLES	OPERATIONS FOR MULTI-REGION REPLICATED

Inventors: Akshat Vig, Somasundaram Perianayagam, Tony Petrossian, Arijit Choudhury, James Christopher Sorenson III, Alexander Richard Keyes, Akanksha Fouzdar, Mark Roper, Oren Yossef, Joon Ahn

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of

Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C., associated with Customer No. 136594, 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

Page 2 of 14

U.S. Patent Appln. No	Attorney Docket No. <u>OC Matter Number</u>
Filing Date	Client Docket No. Amazon Matter Number
Title of Invention: GLOBAL TABLE MANAGE	MENT OPERATIONS FOR MULTI-REGION REPLICATED

TABLES

Inventors: Akshat Vig, Somasundaram Perianayagam, Tony Petrossian, Arijit Choudhury, James Christopher Sorenson III, Alexander Richard Keyes, Akanksha Fouzdar, Mark Roper, Oren Yossef, Joon Ahn

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 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

Page 3 of 14

J.S. Patent Appln. No	Attorney Docket No. <u>OC Matter Number</u>
Filing Date	Client Docket No. <u>Amazon Matter Number</u>
Title of Invention: <u>GLOBAL TABLE MANAGEMENT OPE</u> <u>TABLES</u>	RATIONS FOR MULTI-REGION REPLICATED
nventors: Akshat Vig, Somasundaram Perianayagar James Christopher Sorenson III, Alexander Richard R Oren Yossef, Joon Ahn	
and enforce proper patent protection for the Inver	ntion in all countries. These provisions are
pinding upon ASSIGNOR's heirs, legal representatives	s, administrators, and assigns.

o.s. Patent Appin. No	A	ctorney bocket No. <u>OC</u>	<u>Matter Number</u>
Filing Date	Clie	nt Docket No. <u>Amazon</u>	Matter Number
Title of Invention: <u>GLOBAL TABLE MANAGE</u> TABLES	MENT OPERATIO	ONS FOR MULTI-REGION	N REPLICATED
Inventors: Akshat Vig, Somasundaram Pei James Christopher Sorenson III, Alexande Oren Yossef, Joon Ahn			
DECLARATION As a below named inventor, I hereby decla	are that:		
This declaration is directed to:			
igtie 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 made	e or authorized t	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
I have reviewed and understand the conte	nts of the above	e-identified application	, and
acknowledge the duty to disclose to the U	S Patent & Trade	emark Office all inform	ation known to
me to be material to the patentability as d	efined in 37 CFR	R 1.56.	
I hereby acknowledge that any willful false	e statement mad	le in this declaration is	punishable
under 18 USC 1001 by fine or imprisonmen	nt of not more tl	han five (5) years, or bo	oth.
Docusigned by: / Alshat Vig/			
Akshat Vig			
September 3, 2019			
Date			

Page 5 of 14

U.S. Patent Appln. No	Attorney Docket No. <u>OC Matter Number</u>
Filing Date	Client Docket No. <u>Amazon Matter Number</u>
Title of Invention: <u>GLOBAL TABLE MANA</u> <u>TABLES</u>	GEMENT OPERATIONS FOR MULTI-REGION REPLICATED
	Perianayagam, Tony Petrossian, Arijit Choudhury, Ider Richard Keyes, Akanksha Fouzdar, Mark Roper,
<u>DECLARATION</u>	
As a below named inventor, I hereby de	eclare that:
This declaration is directed to:	
$igstyle{igstyle}$ the attached application; or	
United States Patent Applic	ation number; or
PCT International Application	on number filed on
The above-identified application was m	ade or authorized to be made by me.
I believe that I am the original inventor application.	or an original joint inventor of a claimed Invention in the
I have reviewed and understand the co	ntents of the above-identified application, and
acknowledge the duty to disclose to the	e US Patent & Trademark Office all information known to
me to be material to the patentability a	s defined in 37 CFR 1.56.
I hereby acknowledge that any willful fa	alse statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonr	ment of not more than five (5) years, or both.
// Docusigned by: //Somasundaram/Urianayagam/	_
Somasundaram Perianayagam	
September 12, 2019	
Date	_

U.S. Patent Appln. No	Attorney Docket No. <u>OC Matter Number</u>
Filing Date	Client Docket No. Amazon Matter Number
Title of Invention: GLOBAL TABLE MANAG	EMENT OPERATIONS FOR MULTI-REGION REPLICATED
	erianayagam, Tony Petrossian, Arijit Choudhury, er Richard Keyes, Akanksha Fouzdar, Mark Roper,
<u>DECLARATION</u>	
As a below named inventor, I hereby dec	lare that:
This declaration is directed to:	
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I hereby acknowledge that any willful fal	se statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment	ent of not more than five (5) years, or both.
——DocuSigned by:	
/Tony Petrossian/	
Tony Petrossian	
August 30, 2019	
Date	

U.S. Patent Appln. No	Attorney Docket No. <u>OC Matter Number</u>
Filing Date	Client Docket No. Amazon Matter Number
Title of Invention: <u>GLOBAL TABLE MANAG</u> <u>TABLES</u>	EMENT OPERATIONS FOR MULTI-REGION REPLICATED
	erianayagam, Tony Petrossian, Arijit Choudhury, er Richard Keyes, Akanksha Fouzdar, Mark Roper,
<u>DECLARATION</u>	
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I hereby acknowledge that any willful fals	e statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonme	ent of not more than five (5) years, or both.
Docusigned by: /Arigit Choudhury/	
Arijit Choudhury	
September 3, 2019	
Date	

Page 8 of 14

U.S. Patent Appln. No	Attorney Docket No. <u>OC Matter Number</u>
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Title of Invention: GLOBAL TABLE MANAG	SEMENT OPERATIONS FOR MULTI-REGION REPLICATED
	erianayagam, Tony Petrossian, Arijit Choudhury, er Richard Keyes, Akanksha Fouzdar, Mark Roper,
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under 18 USC 1001 by fine or imprisonme	ent of not more than five (5) years, or both.
James C. Sovenson, III/	
James Christopher Sorenson III	
August 30, 2019	
Date	

U.S. Patent Appln. No	Attorney Docket No. <u>OC Matter Number</u>
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Title of Invention: GLOBAL TABLE MANAGEMENT TABLES	GEMENT OPERATIONS FOR MULTI-REGION REPLICATED
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	se statement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonm	ent of not more than five (5) years, or both.
Docusigned by: (Alexander Richard keyes/ ED393CAD192D4EU	
Alexander Richard Keyes	
September 12, 2019	_
Date	

U.S. Patent Appln. No	Attorney Docket No. <u>OC Matter Number</u>			
Filing Date	Client Docket No. <u>Amazon Matter Number</u>			
Title of Invention: <u>GLOBAL TABLE MANAGED</u>	EMENT OPERATIONS FOR MULTI-REGION REPLICATED			
Inventors: Akshat Vig, Somasundaram Perianayagam, Tony Petrossian, Arijit Choudhury, James Christopher Sorenson III, Alexander Richard Keyes, Akanksha Fouzdar, Mark Roper, Oren Yossef, Joon Ahn				
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Docusigned by: / Akanksha Fouzdar/				
Akanksha Fouzdar				
September 12, 2019				
Date				

U.S. Patent Appin. No	Attorney Docket No. <u>OC Matter Number</u>
Filing Date	Client Docket No. Amazon Matter Number
Title of Invention: <u>GLOBAL TABLE MANA</u> <u>TABLES</u>	AGEMENT OPERATIONS FOR MULTI-REGION REPLICATED
- -	Perianayagam, Tony Petrossian, Arijit Choudhury, nder Richard Keyes, Akanksha Fouzdar, Mark Roper,
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Docusigned by: /Mark Roper/	_
Mark Roper	
August 30, 2019	<u> </u>
Date	

U.S. Patent Appln. No	Attorney Docket No. <u>OC Matter Number</u>
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DocuSigned by:	
10 ren Yosseft	_
Oren Yossef	
September 1, 2019	_
Date	

Page 13 of 14

U.S. Patent Appln. No	Attorney Docket No. <u>OC Matter Number</u>
Filing Date	Client Docket No. <u>Amazon Matter Number</u>
Title of Invention: <u>GLOBAL TABLE MAN</u> <u>TABLES</u>	AGEMENT OPERATIONS FOR MULTI-REGION REPLICATED
	n Perianayagam, Tony Petrossian, Arijit Choudhury, Inder Richard Keyes, Akanksha Fouzdar, Mark Roper,
<u>DECLARATION</u>	
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under 18 USC 1001 by fine or imprisor	nment of not more than five (5) years, or both.
Daviding the	
Docusigned by: / Joon Alm/	
EF3363FE7D5F404	_
Joon Ahn	
September 3, 2019	
Date	

Page 14 of 14

PATENT REEL: 050381 FRAME: 0186