504767876 02/07/2018 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4814604

SUBMISSION TYPE: NEW ASSIGNME	
NATURE OF CONVEYANCE: ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
GAURANG PANKAJ MEHTA	05/06/2015
SAMEER PALANDE	02/25/2015
LAWRENCE HUN-GI AUNG	12/07/2017
RAGHAVENDRA REDDY MADAKKAGARI	02/25/2015
SHUO WANG	02/25/2015
SALMAN AFTAB PARACHA	03/18/2015
CHIRAG PRAVIN PANDYA	12/02/2017

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:	14626843

CORRESPONDENCE DATA

Fax Number:	(206)	757-7779
		e-mail address first; if that is unsuccessful, it will be sent nat is unsuccessful, it will be sent via US Mail.
Phone:	206-6	62-3150
Email:	Sama	NPatents@DWT.com, patentdocket@DWT.com, inthaTaylor@dwt.com, kimberlynesta@dwt.com, anger@dwt.com
Correspondent Name:	DAVI	S WRIGHT TREMAINE LLP - ATI
Address Line 1:	1201	THIRD AVENUE, SUITE 2200
Address Line 4:	SEAT	TLE, WASHINGTON 98101-3045
ATTORNEY DOCKET NUMBER	:	0097749-361US0
NAME OF SUBMITTER:		SCOTT S. ADAMS
SIGNATURE:		/Scott S. Adams/

504767876

DATE SIGNED:	02/07/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 10	•
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U.S. Patent Appln. No. <u>14/626,843</u> Filing Date <u>February 19, 2015</u> Attorney Docket No. 0097749-361US0

Client Docket No. P20440-US

PARTIES TO THE ASSIGNMENT

Assignor(s):

GAURANG PANKAJ MEHTA 410 Terry Avenue North Seattle, WA 98109-5210

SAMEER PALANDE

410 Terry Avenue North Seattle, WA 98109-5210

LAWRENCE HUN-GI AUNG

410 Terry Avenue North Seattle, WA 98109-5210

RAGHAVENDRA REDDY MADAKKAGARI

410 Terry Avenue North Seattle, WA 98109-5210

SHUO WANG

410 Terry Avenue North Seattle, WA 98109-5210

SALMAN AFTAB PARACHA

410 Terry Avenue North Seattle, WA 98109-5210

CHIRAG PRAVIN PANDYA

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 "MULTI-FACTOR

AUTHENTICATION FOR MANAGED DIRECTORIES" (Invention) for which a non-provisional application for

United States Letters Patent

was filed on <u>February 19, 2015</u> and accorded U.S. application no. <u>14/626,843</u>; or

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U.S. Patent Appln. No. <u>14/626,843</u> Filing Date <u>February 19, 2015</u> Attorney Docket No. <u>0097749-361US0</u> Client Docket No. <u>P20440-US</u>

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 <u>Davis Wright Tremaine LLP</u>, associated with Customer No. <u>113507</u>, to insert in the header above and here in parentheses (U.S. application no. <u>14/626,843</u>, filed <u>February 19, 2015</u>) 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 ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for

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U.S. Patent Appln. No. <u>14/626,843</u> Filing Date <u>February 19, 2015</u> Attorney Docket No. <u>0097749-361US0</u> Client Docket No. <u>P20440-US</u>

PATENT REEL: 044858 FRAME: 0181

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 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. 113507

> > Page 3 of 10

DWT 25860579v1 0097749-361US0

Attorney Docket No. 0097749-361US0 U.S. Patent Appln. No. 14/626,843 Filing Date February 19, 2015 Client Docket No. P20440-US DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or $\overline{\mathbb{N}}$ United States application number <u>14/626,843</u> filed on <u>February 19, 2015;</u> or PCT international application number filed 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: **GAURANG PANKAJ MEHTA**

Inventor Signature

WITNESSED BY:

Witnèss Signature

<u>Jetter D. Back Junes</u> Witness (Printed Name)

05/06/2015

Date

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DWT 25860579v1 0097749-361US0

U.S. Patent Appln. No. <u>14/626,843</u> Filing Date <u>February 19, 2015</u> Attorney Docket No. <u>0097749-361US0</u> Client Docket No. <u>P20440-US</u>

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

the attached application; or

X United States application number 14/626,843 filed on February 19, 2015; or

PCT international application number_______ filed 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: SAMEER PALANDE

Inventor Signature

2/25/18

Date

WITNESSED BY:

and the second second

Witness Signature

Kelvin Lau

Witness (Printed Name)

<u>ieb 25.2015</u>

Date

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DWT 25860579v1 0097749-361US0

U.S. Patent Appln. No. <u>14/626,843</u> Filing Date February 19, 2015 Attorney Docket No. <u>0097749-361US0</u> Client Docket No. <u>P20440-US</u>

DECLARATION

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the attached application; or

United States application number <u>14/626,843</u> filed on <u>February 19, 2015;</u> or

PCT international application number ______ filed on ______.

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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: LAWRENCE HUN-GI AUNG

-DocuSigned by: (Lawrence Hun-Gi Aung/

SD3F65FA05F34C6... Inventor Signature

December 7, 2017

Date

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DWT 25860579v1 0097749-361US0 PATENT REEL: 044858 FRAME: 0184

U.S. Patent Appln. No. <u>14/626,843</u> Filing Date <u>February 19, 2015</u> Attorney Docket No. 0097749-361U50 Client Docket No. <u>P20440-U5</u>

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

the attached application; or

United States application number 14/626,843 filed on February 19, 2015; or

PCT international application number _______ filed 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 (S) years, or both.

Legal name of inventor: RAGHAVENDRA REDDY MADAKKAGARI

Inventor Signature

25-02-2015

Date

WITNESSED BY:

Witness Signature

ikkan Lau Witness (Printed Name)

<u>196 25, 2015</u>

Date

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DWT 25860579v1 0097749-361US0

U.S. Patent Appln. No. <u>14/626,843</u> Filing Date <u>February 19, 2015</u> Attorney Docket No. <u>0097749-361US0</u> Client Docket No. <u>P20440-US</u>

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

the attached application; or

United States application number 14/626.843 filed on February 19, 2015; or

PCT international application number _______ filed 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: SHUO WANG

shie

Inventor Signature

02/25/15____

Date

WITNESSED BY:

Witness Signature

Lan KELAN Witness (Printed Name)

'eb 25,7015

Date

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DWT 25860579v1 0097749-361U50

U.S. Patent Appln. No. <u>14/626,843</u> Filing Date <u>February 19, 2015</u> Attorney Docket No. <u>0097749-361U50</u> Client Docket No. <u>P20440-U5</u>

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

the attached application; or

Villed States application number 14/626,843 filed on February 19, 2015; or

PCT international application number _______ filed 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: SALMAN AFTAB PARACHA

Inventor Signature

210

Date ¹

WITNESSED BY:

Witness Signature

Witness (Printed Name)

Nitness (Printed Name)

Date

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DWT 25860579v1 0097749-361US0 PAT

U.S. Patent Appln. No. 14/626,843Attorney Docket No. 0097749-361US0Filing Date February 19, 2015Client Docket No. P20440-US

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PCT international application number ______ filed on ______.

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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: CHIRAG PRAVIN PANDYA

DocuSigned by: ---Docusigned wy. [Chirag Pravin Pandya] ______ 13F3814794BF49E...

Inventor Signature

December 2, 2017

Date

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PATENT REEL: 044858 FRAME: 0188

RECORDED: 02/07/2018