PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4994367

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER JAMES BESERRA	06/05/2018
TYLER HUSTON DOORNENBAL	06/04/2018
GAVIN AKIRA EBISUZAKI	06/04/2018

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:	16001564

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ATTORNEY DOCKET NUMBER:	090204-1083107 (121800US)
NAME OF SUBMITTER:	MELANIE J. HITCHCOCK
SIGNATURE:	/ Melanie J. Hitchcock /
DATE SIGNED:	06/06/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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U.S. Patent Appln. No. <u>16/001,564</u> Attorney Docket No. <u>090204-1083107 (121800US)</u>

Filing Date <u>June 6, 2018</u> Client Docket No. <u>P45859-US</u>

PARTIES TO THE ASSIGNMENT

Assignor(s):

Christopher James BeSerra 410 Terry Avenue North Seattle, WA 98109-5210

Tyler Huston Doornenbal 410 Terry Avenue North Seattle, WA 98109-5210

Gavin Akira Ebisuzaki 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

"MANAGING SYSTEM FIRMWARE" (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 <u>Kilpatrick Townsend & Stockton LLP</u>, associated with Customer No. <u>107508</u>, to insert in the header above and here in parentheses (U.S. Patent Application No. <u>16/001,564</u>, filed <u>June 6, 2018</u>) this application's U.S. application number and filing date, when known.

U.S. Patent Appln. No. 16/001,564

Attorney Docket No. 090204-1083107 (121800US)

Filing Date <u>June 6, 2018</u>

Client Docket No. P45859-US

Title of Invention: MANAGING SYSTEM FIRMWARE

Inventors: Christopher James BeSerra, Tyler Huston Doornenbal, Gavin Akira Ebisuzaki

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) 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.

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U.S. Patent Appln. No. 16/001,564

Attorney Docket No. 090204-1083107 (121800US)

Filing Date June 6, 2018

Client Docket No. P45859-US

Title of Invention: MANAGING SYSTEM FIRMWARE

Inventors: Christopher James BeSerra, Tyler Huston Doornenbal, Gavin Akira Ebisuzaki

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 the Invention in all countries. These provisions are

binding upon ASSIGNOR's heirs, legal representatives, administrators, and assigns.

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U.S. Patent Appln. No. <u>16/001,564</u>	Attorney Do	ocket No. <u>090204-1083</u>	3107 (121800US
Filing Date <u>June 6, 2018</u>		Client Docke	t No. <u>P45859-U</u>
Title of Invention: MANAGING SYSTEM FIRM	<u>WARE</u>		
Inventors: Christopher James BeSerra, Tyler	r Huston Door	nenbal, Gavin Akira El	oisuzaki
DECLARATION 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	ımber	filed on	www.
The above-identified application was made	or authorized t	to be made by me.	
I believe that I am the original inventor or ar application.	n original joint	inventor of a claimed	Invention in the
I have reviewed and understand the content	ts of the abovε	e-identified application	, and
acknowledge the duty to disclose to the US	Patent & Trade	emark Office all inform	ation known to
me to be material to the patentability as def	fined in 37 CFR	1.56.	
I hereby acknowledge that any willful false s under 18 USC 1001 by fine or imprisonment			
Docusigned by: // Christopher James BeSerra/168E70BBE8CE4CD			
Christopher James BeSerra			
June 5, 2018			
Date			

U.S. Patent Appln. No. <u>16/001,564</u>	Attorney Docket No. <u>090204-1083107 (121800US)</u>
Filing Date June 6, 2018	Client Docket No. <u>P45859-US</u>
Title of Invention: MANAGING SYSTEM FIRMV	<u>/ARE</u>
Inventors: Christopher James BeSerra, Tyler	Huston Doornenbal, Gavin Akira Ebisuzaki
<u>DECLARATION</u>	
As a below named inventor, I hereby declare	that:
This declaration is directed to:	
igstyle the attached application; or	
United States Patent Application	number; or
PCT International Application nur	nber filed on
The above-identified application was made o	r authorized to be made by me.
I believe that I am the original inventor or an application.	original joint inventor of a claimed Invention in the
I have reviewed and understand the contents	of the above-identified application, and
acknowledge the duty to disclose to the US P	atent & Trademark Office all information known to
me to be material to the patentability as defi	ned in 37 CFR 1.56.
I hereby acknowledge that any willful false st	atement made in this declaration is punishable
under 18 USC 1001 by fine or imprisonment of	of not more than five (5) years, or both.
Docusigned by: / Syler Huston Doornenbal/	
Tyler Huston Doornenbal	
June 4, 2018	
Date	

U.S. Patent Appin. No. <u>16/001,564</u>	Attorney Docket No. <u>090204-1083107 (12180005)</u>
Filing Date <u>June 6, 2018</u>	Client Docket No. <u>P45859-US</u>
Title of Invention: MANAGING SYSTEM FIRM\	<u>NARE</u>
Inventors: Christopher James BeSerra, Tyler	Huston Doornenbal, Gavin Akira Ebisuzaki
<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 nu	mber filed on
The above-identified application was made o	or authorized to be made by me.
I believe that I am the original inventor or an application.	original joint inventor of a claimed Invention in the
I have reviewed and understand the content	s of the above-identified application, and
acknowledge the duty to disclose to the US I	Patent & Trademark Office all information known to
me to be material to the patentability as def	ined in 37 CFR 1.56.
I hereby acknowledge that any willful false sunder 18 USC 1001 by fine or imprisonment	tatement made in this declaration is punishable of not more than five (5) years, or both.
Docusigned by: / Gavin Ukira Ebiswaki/ F1A0211CCE3A491	
Gavin Akira Ebisuzaki	
June 4, 2018	
Date	

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