503509405 10/05/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GANESH VISWANATHAN	08/12/2015
VINAYAK SASIKUMAR	09/30/2015
ARTUR POP	08/12/2015
SHUAI CHANG	09/30/2015
BENJAMIN RYAN ZEGHERS	09/30/2015

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14751047

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	SEAZN.1103A2	
NAME OF SUBMITTER:	MAURICIO A. URIBE	
SIGNATURE:	/mauricioauribe/	
DATE SIGNED:	10/05/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT 503509405 REEL: 036727 FRAME: 0686

Total Attachments: 9 source=SEAZN.1103A2 - MAU#page1.tif source=SEAZN.1103A2 - MAU#page2.tif source=SEAZN.1103A2 - MAU#page3.tif source=SEAZN.1103A2 - MAU#page4.tif source=SEAZN.1103A2 - MAU#page5.tif source=SEAZN.1103A2 - MAU#page6.tif source=SEAZN.1103A2 - MAU#page7.tif source=SEAZN.1103A2 - MAU#page8.tif source=SEAZN.1103A2 - MAU#page8.tif source=SEAZN.1103A2 - MAU#page9.tif

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U.S. Patent Appln. No. <u>14/751,047</u> Filing Date <u>June 25, 2015</u> Attorney Docket No. <u>SEAZN.1103A2</u>
Client Docket No. PM11150-US

PARTIES TO THE ASSIGNMENT

Assignor(s):

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<u>Assignee:</u> Amazon Technologies, Inc. PO Box 81226 Seattle, WA 98108-1226

AGREEMENT

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

"ROOT CAUSE DETECTION AND MONITORING FOR STORAGE SYSTEMS" (Invention) for which a nonprovisional application for United States Letters Patent

was filed on June 25, 2015 and accorded U.S. application no. 14/751,047; or

U.S. Patent Appln. No. 14/751,047

Filing Date June 25, 2015

Attorney Docket No. SEAZN.1103A2

Client Docket No. PM11150-US

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

Knobbe, Martens, Olson & Bear, LLP, associated with Customer No. 79,502, to insert in the header

above and here in parentheses (U.S. application no. 14/751,047, filed June 25, 2015) 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 ASSIGNEE. ASSIGNOR(5) agree to

execute all instruments and documents required for the making and prosecution of applications for

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PATENT

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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.

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U.S. Patent Appln. No. <u>14/751,047</u> Filing Date <u>June 25, 2015</u> Attorney Docket No. <u>SEAZN.1103A2</u>
Client Docket No. <u>PM11150-US</u>

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.

79,502

U.S. Patent Appln. No. 14/751,047 Attorney Docket No. SEAZN.1103A2 Client Docket No. PM11150-US Filing Date June 25, 2015 DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or ☑ United States application number 14/751,047 filed on June 25, 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: **GANESH VISWANATHAN** WITNESSED BY: Witness Signature Inventor Signature Witness (Printed Name)

Date

U.S. Patent Appln. No. 14/751,047 Attorney Docket No. SEAZN.1103A2 Filing Date June 25, 2015 Client Docket No. PM11150-US DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States application number 14/751,047 filed on June 25, 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: VINAYAK SASIKUMAR WITNESSED BY: Inventor Signature

Attorney Docket No. SEAZN.1103A2 U.S. Patent Appln. No. 14/751,047 Filing Date June 25, 2015 Client Docket No. PM11150-US DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or $\boxed{\square}$ United States application number 14/751,047 filed on June 25, 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: ARTUR POP WITNESSED BY: Witness Signature Date

U.S. Patent Appln. No. 14/751,047 Attorney Docket No. SEAZN, 1103A2 Client Docket No. PM11150-US Filing Date June 25, 2015 DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or Thirted States application number 14/751,047 filed on June 25, 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: **SHUAL CHANG** WITNESSED BY: Inventor Signature Witness Signature

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U.S. Patent Appln. No. 14/751,047 Attorney Docket No. SEAZN.1103A2 Filing Date June 25, 2015 Client Docket No. PM11150-US DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or \square United States application number 14/751,047 filed on June 25, 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: **BENJAMIN RYAN ZEGHERS** WITNESSED BY:

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