502261938 03/11/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Nishanth Shankaran	02/27/2013
Dong Shou	03/01/2013
Rajat Arya	01/16/2013
Clint Joseph Sbisa	01/30/2013
Shyam Kirshnamoorthy	01/16/2013
Rajaprabhu Thiruchi Loganathan	03/11/2013

RECEIVING PARTY DATA

Name:	Amazon Technologies, Inc.
Street Address:	PO Box 8102
City:	Reno
State/Country:	NEVADA
Postal Code:	89507

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13685615

CORRESPONDENCE DATA

Fax Number: 4155760300

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 206-467-9600

Email: salexander@kilpatricktownsend.com

Correspondent Name: Shannon Alexander

Address Line 1: Kilpatrick Townsend & Stockton LLP

Address Line 2: Two Embarcadero Center, Eighth Floor

Address Line 4: San Francisco, CALIFORNIA 94111

ATTORNEY DOCKET NUMBER: 90204-847689

PATENT REEL: 029965 FRAME: 0853 \$40.00 1368561

502261938

NAME OF SUBMITTER:	Shannon Alexander	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 10		
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source=2013-03-01 Fully Executed CORRECTED Combined Assignment and Declaration#page2.tif		
source=2013-03-01 Fully Executed CORRECTED Combined Assignment and Declaration#page3.tif		
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PATENT REEL: 029965 FRAME: 0854

Attorney Docket No.: 90204-847689 (057200US) U.S. Patent Appln. No.: 13/685,615 Filing Date: November 26, 2012

Client Docket No.: P6461

PARTIES TO THE ASSIGNMENT

Assignor(s):

NISHANTH SHANKARAN

410 Terry Avenue North Seattle, WA 98109-5210

DONG SHOU

410 Terry Avenue North Seattle, WA 98109-5210

RAJAT ARYA

410 Terry Avenue North Seattle, WA 98109-5210

CLINT JOSEPH SBISA

410 Terry Avenue North Seattle, WA 98109-5210

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410 Terry Avenue North Seattle, WA 98109-5210

RAJAPRABHU THIRUCHI LOGANATHAN

410 Terry Avenue North Seattle, WA 98109-5210

Assignee:

Amazon Technologies, Inc. PO Box 8102 Reno, NV 89507

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "DISTRIBUTED CACHING CLUSTER MANAGEMENT" (Invention) for which a non-provisional application for United States Letters Patent

was filed on November 26, 2012 and accorded U.S. application no. 13/685,615; or Page 1 of 10

> **PATENT** REEL: 029965 FRAME: 0855

U.S. Patent Appln. No.: 13/685,615 Filing Date: November 26, 2012

Attorney Docket No.: 90204-847689 (057200US)

Client Docket No.: P6461

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

Kilpatrick Townsend & Stockton, associated with Customer No. 107508, to insert in the header above

and here in parentheses (U.S. application no.13/685,615, filed November 26, 2012) 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

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U.S. Patent Appln, No.: 13/685,615

Filing Date: November 26, 2012

Attorney Docket No.: 90204-847689 (057200US)

Client Docket No.: P6461

Trademarks 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 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

These provisions are binding upon our heirs, legal representatives, Invention in all countries.

administrators, and assigns.

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REEL: 029965 FRAME: 0857

U.S. Patent Appln, No.: <u>13/685,615</u> Filing Date: <u>November 26, 2012</u>

Attorney Docket No.: 90204-847689 (057200US)

Client Docket No.: P6461

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.

107508

U.S. Patent Appln. No.: <u>13/685,615</u> Filing Date: <u>November 26, 2012</u>	Attorney Docket No.:	90204-847689 (057200US) Client Docket No.: <u>P6461</u>
<u>DECLARATION</u>		
As a below named inventor, I hereby declare that:		<u>.</u>
This declaration is directed to:		
the attached application; or		
☑ United States application number 13/685,6	15 filed on November 26,	<u>2012;</u> or
PCT international application number	filed	on
The above-identified application was made or authorize	ed to be made by me.	
I believe that I am the original inventor or an original j application.	oint inventor of a claimed	Invention in the
I have reviewed and understand the contents of the about to disclose to the US Patent & Trademark Office a patentability as defined in 37 CFR 1.56.		
I hereby acknowledge that any willful false statement r USC 1001 by fine or imprisonment of not more than fi		punishable under 18
Legal name of inventor: NISHANTH SHANKARAN \[\lambda \frac{\partial 3}{\partial 2} \frac{\partial 3}{\partial 2} \] Date	Inventor Signature	
WITNESSED BY: 27/3 Date	Witness (Signature) Witness (Printed Name)	ezhes

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U.S. Patent Appln. No.: 13/685,615 Filing Date: November 26, 2012	Attorney Docket No.: 90204-847689 (057200US) Client Docket No.: P646
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
☑ United States application number 13/685,6	
PCT international application number	filed on
The above-identified application was made or authorize	zed to be made by me.
I believe that I am the original inventor or an original application.	joint inventor of a claimed Invention in the
I have reviewed and understand the contents of the abduty to disclose to the US Patent & Trademark Office patentability as defined in 37 CFR 1.56.	
I hereby acknowledge that any willful false statement USC 1001 by fine or imprisonment of not more than f	
Legal name of inventor: DONG SHOU	
03-01-2013 Date	Inventor Signature
WITNESSED BY: 3-1-13 Date	Witness (Signature) LISA De ZULO Witness (Printed Name)

Page 6 of 10

Attorney Docket No.: 90204-847689 (057200US)

U.S. Patent Appln. No.: 13/685,615

Filing Date: November 26, 2012 Client Docket No.: P6461 DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or ☑ United States application number 13/685,615 filed on November 26, 2012; 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: RAJAT ARYA Signature Date Witness (Signature) Witness (Printed Name)

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U.S. Patent Appln. No.: <u>13/685,615</u> Filing Date: <u>November 26, 2012</u>	Attorney Docket No.:	90204-847689 (057200US) Client Docket No.: <u>P6461</u>
<u>DECLARATION</u>		
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
the attached application; or		
☑ United States application number 13/685,61	5 filed on November 26,	<u>2012;</u> or
PCT international application number	filed	on
The above-identified application was made or authorize	ed to be made by me.	
I believe that I am the original inventor or an original joapplication.	oint inventor of a claimed	Invention in the
I have reviewed and understand the contents of the above duty to disclose to the US Patent & Trademark Office a patentability as defined in 37 CFR 1.56.	• • •	C
I hereby acknowledge that any willful false statement m	nade in this declaration is	punishable under 18
USC 1001 by fine or imprisonment of not more than five		
Legal name of inventor: CLINT JOSEPH SBISA		
01-30-13	War Ru	
Date	Inventor Signature	· · · · · · · · · · · · · · · · · · ·
WITNESSED BY: 30 3	Witness (Signature)	eznls
	Witness (Printed Name)	_

U.S. Patent Appln. No.: <u>13/685,615</u> Filing Date: <u>November 26, 2012</u>	Attorney Docket No.: 90204-847689 (057200US) Client Docket No.: P6461
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
United States application number 13/685,615	filed on November 26, 2012; 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 join application.	nt inventor of a claimed Invention in the
I have reviewed and understand the contents of the above duty to disclose to the US Patent & Trademark Office all patentability as defined in 37 CFR 1.56.	
I hereby acknowledge that any willful false statement ma USC 1001 by fine or imprisonment of not more than five	•
Legal name of inventor: SHYAM KRISHNAMOORT	HY
01/18/2013	Inventor Signature
WITNESSED BY: 16/13 Date	Witness (Signature) USU D-CZUD Witness (Printed Name)

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U.S. Patent Appln. No.: <u>13/685,615</u> Filing Date: <u>November 26, 2012</u>	Attorney Docket No.: 90204-847689 (057200US) Client Docket No.: P6461
DECLARATION	•
As a below named inventor, I hereby declare that:	
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the attached application; or	
☑ United States application number 13/685,61	5 filed on November 26, 2012; or
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The above-identified application was made or authorize	d to be made by me.
I believe that I am the original inventor or an original jo application.	int inventor of a claimed Invention in the
I have reviewed and understand the contents of the above duty to disclose to the US Patent & Trademark Office all patentability as defined in 37 CFR 1.56.	
I hereby acknowledge that any willful false statement m	ade in this declaration is punishable under 18
USC 1001 by fine or imprisonment of not more than fiv	-
Legal name of inventor: RAJAPRABHU THIRUCHI	LOGANATHAN
March - 11 - 2013 Date	Inventor Signature
WITNESSED BY: 3 /// /3 Date	Witness (Signature) Witness (Printed Name)

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RECORDED: 03/11/2013