

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Harsha Ramalingam</td> <td>09/13/2013</td> </tr> <tr> <td>Bhavnish H. Lathia</td> <td>07/01/2013</td> </tr> <tr> <td>Michael James McInerny</td> <td>04/24/2013</td> </tr> <tr> <td>Kyle Bradley Peterson</td> <td>06/05/2013</td> </tr> <tr> <td>Leon Robert Warman</td> <td>08/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Harsha Ramalingam	09/13/2013	Bhavnish H. Lathia	07/01/2013	Michael James McInerny	04/24/2013	Kyle Bradley Peterson	06/05/2013	Leon Robert Warman	08/15/2013
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RECEIVING PARTY DATA													
Name:	Amazon Technologies, Inc.												
Street Address:	PO Box 8102												
City:	Reno												
State/Country:	NEVADA												
Postal Code:	89507												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13791193</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13791193								
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Application Number:	13791193												
CORRESPONDENCE DATA													
Fax Number:	4048151700												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	4048151900												
Email:	docketing@hbipfirm.com												
Correspondent Name:	Hope Baldauff, LLC												
Address Line 1:	1720 Peachtree St., NW, Ste. 1010												
Address Line 4:	Atlanta, GEORGIA 30309												
ATTORNEY DOCKET NUMBER:	P5443CIP1/60082.0103US11												
NAME OF SUBMITTER:	Leonard J. Hope												
Signature:	/Leonard J. Hope/												

OP \$40.00 13791193

Date:	09/30/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p><b>Total Attachments: 9</b> source=P5443CIP1_Assignment_and_Declaration_signed#page1.tif source=P5443CIP1_Assignment_and_Declaration_signed#page2.tif source=P5443CIP1_Assignment_and_Declaration_signed#page3.tif source=P5443CIP1_Assignment_and_Declaration_signed#page4.tif source=P5443CIP1_Assignment_and_Declaration_signed#page5.tif source=P5443CIP1_Assignment_and_Declaration_signed#page6.tif source=P5443CIP1_Assignment_and_Declaration_signed#page7.tif source=P5443CIP1_Assignment_and_Declaration_signed#page8.tif source=P5443CIP1_Assignment_and_Declaration_signed#page9.tif</p>	

**PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)**

U.S. Patent Appln. No. 13/791,193  
Filing Date March 8, 2013

Attorney Docket No. 60082.0103US11  
Client Docket No. P5443-US-CIP1

**PARTIES TO THE ASSIGNMENT**

Assignor(s):

**HARSHA RAMALINGAM**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**BHAVNISH H. LATHIA**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**MICHAEL JAMES MCINERNY**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**KYLE BRADLEY PETERSON**  
410 Terry Avenue North  
Seattle, WA 98109-5210

**LEON ROBERT WARMAN**  
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

“OPTIMIZED COMMUNICATION BETWEEN PROGRAM COMPONENTS EXECUTING IN  
VIRTUAL MACHINES” (Invention) for which a non-provisional application for United States Letters  
Patent

**PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)**

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Attorney Docket No. 60082.0103USII  
Client Docket No. P5443-US-CIPI

- was filed on March 8, 2013 and accorded U.S. application no. 13/791,193; 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 Hope Baldauff Hartman, associated with Customer No. 53377, to insert in the header above and here in parentheses (U.S. application no. 13/791,193, filed March 8, 2013) 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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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 Invention in all countries. These provisions are binding upon our heirs, legal representatives, administrators, and assigns.

**PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)**

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Attorney Docket No. 60082.0103US11  
Client Docket No. P5443-US-CI1

**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.**

**53377**

**PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)**

U.S. Patent Appln. No. 13/791,193  
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**DECLARATION**

As a below named inventor, I hereby declare that:

This declaration is directed to:

- the attached application; or
- United States application number 13/791,193 filed on March 8, 2013; 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: **HARSHA RAMALINGAM**

9/13/13  
Date

  
Inventor Signature

**WITNESSED BY:**

9/13/13  
Date

  
Witness (Signature)  
Lisa Drezner  
Witness (Printed Name)

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Legal name of inventor: **BHAVNISH H. LATHIA**

7/1/2013  
Date

Bhavnish Lathia  
Inventor Signature

**WITNESSED BY:**

7/1/2013  
Date

Casey Brevia  
Witness (Signature)

Casey Brevia  
Witness (Printed Name)



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Legal name of inventor: **MICHAEL JAMES MCINERNY**

24/Apr/2013  
Date

Michael J McInerny  
Inventor Signature

**WITNESSED BY:**

24/ APR/ 2013  
Date

[Signature]  
Witness (Signature)

Bruno Ohana  
Witness (Printed Name)

**PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)**

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Legal name of inventor: **KYLE BRADLEY PETERSON**

6-5-2013  
Date

Kyle B. Peterson  
Inventor Signature

**WITNESSED BY:**  
6/5/13  
Date

[Signature]  
Witness (Signature)  
Lisa A. Drezner  
Witness (Printed Name)

**PATENT ASSIGNMENT AND DECLARATION (37 CFR 1.63)**

U.S. Patent Appl. No. 13/791,193  
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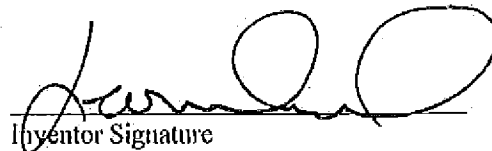
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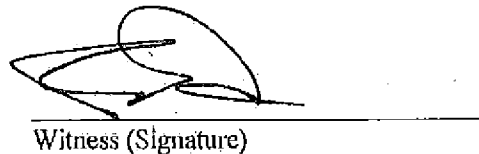
Legal name of inventor: **LEON ROBERT WARMAN**

8/15/13  
Date

  
Inventor Signature

**WITNESSED BY:**

8/15/13  
Date

  
Witness (Signature)

Peter Hill  
Witness (Printed Name)