

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Richendra Khanna	04/14/2011
Edward L. Wallace	04/01/2011
Jagwinder Singh Brar	04/08/2011
Michael David Marr	04/14/2011
Samuel J. McKelvie	04/14/2011
Peter N. DeSantis	04/28/2011
Ian P. Nowland	04/14/2011
Matthew D. Klein	04/14/2011
Justin Mason	04/13/2011
Jacob Gabrielson	04/14/2011
<b>RECEIVING PARTY DATA</b>	
<b>Company Name:</b>	Amazon Technologies, Inc.
<b>Street Address:</b>	PO Box 81226
<b>City:</b>	Seattle
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98108-1226
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	18161819
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	9497609502
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>Correspondent Name:</b>	Docketing Department
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<b>ATTORNEY DOCKET NUMBER:</b>	SEAZN.456A2C3

PATENT

<b>NAME OF SUBMITTER:</b>	MRS. Alyssa Coleman
<b>SIGNATURE:</b>	MRS. Alyssa Coleman
<b>DATE SIGNED:</b>	04/26/2024
<b>Total Attachments: 13</b> source=Executed_Assignment - SEAZN.456A2(11500328.1)#page1.tif source=Executed_Assignment - SEAZN.456A2(11500328.1)#page2.tif source=Executed_Assignment - SEAZN.456A2(11500328.1)#page3.tif source=Executed_Assignment - SEAZN.456A2(11500328.1)#page4.tif source=Executed_Assignment - SEAZN.456A2(11500328.1)#page5.tif source=Executed_Assignment - SEAZN.456A2(11500328.1)#page6.tif source=Executed_Assignment - SEAZN.456A2(11500328.1)#page7.tif source=Executed_Assignment - SEAZN.456A2(11500328.1)#page8.tif source=Executed_Assignment - SEAZN.456A2(11500328.1)#page9.tif source=Executed_Assignment - SEAZN.456A2(11500328.1)#page10.tif source=Executed_Assignment - SEAZN.456A2(11500328.1)#page11.tif source=Executed_Assignment - SEAZN.456A2(11500328.1)#page12.tif source=Executed_Assignment - SEAZN.456A2(11500328.1)#page13.tif	

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

**Assignors:**

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**Assignee:**

Amazon Technologies, Inc.  
P.O. Box 8102  
Reno, Nevada 89507

**AGREEMENT**

WHEREAS, ASSIGNORS (listed above) are inventors of an invention(s) in the patent application entitled "MONITORING AND DETECTING CAUSES OF FAILURES OF NETWORK PATHS" for which:

☒ a non-provisional application for United States Letters Patent:

☒ was filed on March 31, 2011, and accorded U.S. Serial No. 13/077,589; or

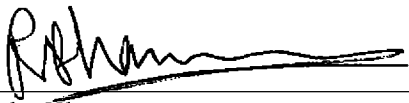
☐ will be filed without this executed PATENT ASSIGNMENT. ASSIGNORS hereby authorize and request ASSIGNEE'S legal representatives, of Knobbe Martens Olson & Bear LLP, associated with Customer No. 79,502, to insert here in parenthesis (U.S. Serial No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION'S U.S. Serial Number and filing date, when known.

WHEREAS, Amazon Technologies, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of Nevada having a place of business at P.O. Box 8102, Reno, Nevada 89507, is desirous of acquiring the entire right, title and interest in and to the invention(s) and in and to any letters patent that may be granted therefore 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, ASSIGNORS hereby sell, assign and transfer unto ASSIGNEE its successors and assigns, the entire right, title and interest in and to said invention(s) and improvements, said application and any and all letters patent which may be granted for said invention(s) in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all 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 United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention(s), application and all letters patent on said invention(s) 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 ASSIGNORS had this assignment, transfer and

sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention(s) to ASSIGNEE. ASSIGNORS 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(s), for litigation regarding said letters patent, or for the purpose of protecting title to said invention(s) or letters patent therefor.

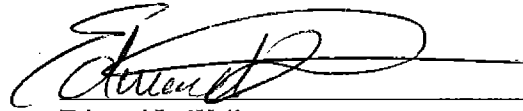
4/14/11  
Date

  
Richendra Khanna

WITNESS:   
Witness Signature

EMILY FERGOUSON 4/14/2011  
Printed Name and Date

April 14, 2011  
Date

  
Edward L. Wallace

WITNESS:

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Witness Signature

EMILY FERGUSON 4/14/2011  
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Date

Jagwinder Singh Brar  
Jagwinder Singh Brar

WITNESS:

Ferguson  
Witness Signature

EMILY FERGUSON 4/8/2011  
Printed Name and Date



4/14/11  
Date

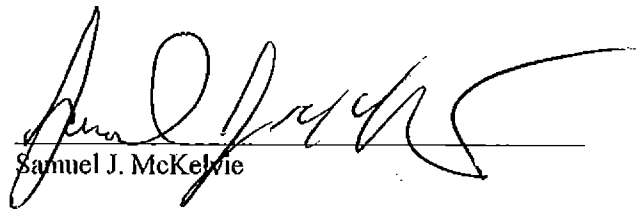
Michael Marr  
Michael David Marr

WITNESS:

E. Ferguson  
Witness Signature

EMILY FERGUSON 4/14/2011  
Printed Name and Date

4/14/2011  
Date

  
Samuel J. McKelvie

WITNESS:

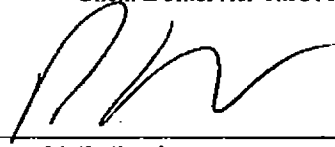
  
Witness Signature

Sherel Pennington 4-14-2011  
Printed Name and Date

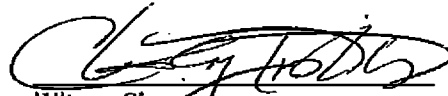
U.S. Patent App. No. 13/077,589  
Filing Date: March 31, 2011

Attorney Docket No. SEAZN.456A2  
Client Docket No. REG119158 2011 PT

4/28/2011  
Date

  
Peter N. DeSantis

WITNESS:

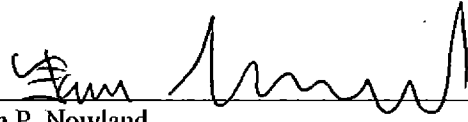
  
Witness Signature

Christy Trotto 4/28/11  
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Date

4/14/2011

Ian P. Nowland



WITNESS:



Witness Signature

Sherece Pennington 4/14/2011

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Date

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13 Apr 2011  
Date

Justin Mason  
Justin Mason

WITNESS:

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BRIAN LONG 2011-04-13  
Printed Name and Date

14-APR-2011  
Date

Jacob Gabrielson  
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WITNESS:

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EMILY FERGUSON 4/14/2011  
Printed Name and Date

032911/kp/mm 10967497