

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>Tate Andrew Certain</td> <td>08/25/2010</td> </tr> <tr> <td>Sachin Jain</td> <td>08/25/2010</td> </tr> <tr> <td>Bradley E. Marshall</td> <td>08/25/2010</td> </tr> <tr> <td>Nicholas J. Maniscalco</td> <td>09/10/2010</td> </tr> <tr> <td>Swaminathan Sivasubramanian</td> <td>08/25/2010</td> </tr> <tr> <td>Matthew S. Garman</td> <td>08/25/2010</td> </tr> </tbody> </table>		Name	Execution Date	Tate Andrew Certain	08/25/2010	Sachin Jain	08/25/2010	Bradley E. Marshall	08/25/2010	Nicholas J. Maniscalco	09/10/2010	Swaminathan Sivasubramanian	08/25/2010	Matthew S. Garman	08/25/2010
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>Amazon Technologies, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>PO Box 8102</td> </tr> <tr> <td>City:</td> <td>Reno</td> </tr> <tr> <td>State/Country:</td> <td>NEVADA</td> </tr> <tr> <td>Postal Code:</td> <td>89507</td> </tr> </table>		Name:	Amazon Technologies, Inc.	Street Address:	PO Box 8102	City:	Reno	State/Country:	NEVADA	Postal Code:	89507				
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PROPERTY NUMBERS Total: 1															
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CORRESPONDENCE DATA															
<p>Fax Number:</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 206-224-2863</p> <p>Email: kpedersen@kilpatricktownsend.com</p> <p>Correspondent Name: Kilpatrick Townsend & Stockton LLP</p> <p>Address Line 1: Two Embarcadero Center</p> <p>Address Line 2: Eighth Floor</p> <p>Address Line 4: San Francisco, CALIFORNIA 94111-3834</p>															
ATTORNEY DOCKET NUMBER:	90204-782874														

OP \$40.00 12882075

NAME OF SUBMITTER:	Kelly Pedersen
Signature:	/Kelly Pedersen/
Date:	09/13/2013
<p>Total Attachments: 8</p> <p>source=2013_09_13_ASSGNMT_90204-782874-015200US#page1.tif</p> <p>source=2013_09_13_ASSGNMT_90204-782874-015200US#page2.tif</p> <p>source=2013_09_13_ASSGNMT_90204-782874-015200US#page3.tif</p> <p>source=2013_09_13_ASSGNMT_90204-782874-015200US#page4.tif</p> <p>source=2013_09_13_ASSGNMT_90204-782874-015200US#page5.tif</p> <p>source=2013_09_13_ASSGNMT_90204-782874-015200US#page6.tif</p> <p>source=2013_09_13_ASSGNMT_90204-782874-015200US#page7.tif</p> <p>source=2013_09_13_ASSGNMT_90204-782874-015200US#page8.tif</p>	

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Tate Andrew Certain
410 Terry Ave North
Seattle, WA 98109-5210

Sachin Jain
410 Terry Ave North
Seattle, WA 98109-5210

Bradley E. Marshall
410 Terry Ave North
Seattle, WA 98109-5210

Nicholas J. Maniscalco
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Seattle, WA 98109-5210

Swaminathan Sivasubramanian
410 Terry Ave North
Seattle, WA 98109-5210

Matthew S. Garman
410 Terry Ave 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
"MANAGING BANDWIDTH FOR SHARED RESOURCES" for which:

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

☐ was filed on _____ and accorded U.S. Serial No. _____; or

☒ will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby
authorizes and requests ASSIGNEE'S legal representatives, of TOWNSEND and
TOWNSEND and CREW LLP, Two Embarcadero Center, Eighth Floor, San Francisco,

California 94111-3834, (925) 472-5000, associated with Customer No. 20350, to insert here in parenthesis (U.S. Serial No. 12/882,075, filed September 14, 2010) 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, 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 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, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE and its successors and assigns, the entire right, title and interest in and to said invention and improvements thereon, 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, any provisional applications or other domestic or foreign applications or documents setting forth the invention and to which this application claims priority, 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, 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(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.

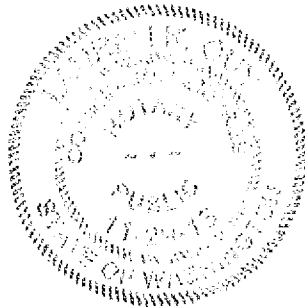
8/25/2010
Date

Tate Andrew Certain
Tate Andrew Certain

State of Washington)
County of King) ss:

I certify that I know or have satisfactory evidence that Tate Andrew Certain is the person who personally appeared before me and acknowledged that he/she signed the foregoing Patent Assignment and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

(Seal)



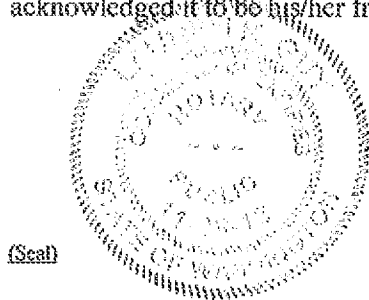
Dated 8/25/2010
Signature of Notary Public [Signature]
Printed Name L. K. Guy
My commission expires 11-29-2013

08/25/2010
Date

Sachin Jain
Sachin Jain

State of Washington)
County of King) ss:
)

I certify that I know or have satisfactory evidence that Sachin Jain is the person who personally appeared before me and acknowledged that he/she signed the foregoing Patent Assignment and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.



Dated 8/25/2010

Signature of Notary Public

Printed Name Vinay K. Guy

My commission expires 11-29-13

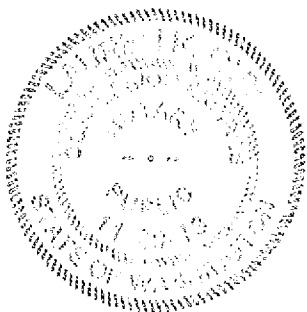
8-25-10
Date

Brad E. Marshall
Bradley E. Marshall

State of Washington)
County of King) ss:
)

I certify that I know or have satisfactory evidence that Bradley E. Marshall is the person who personally appeared before me and acknowledged that he/she signed the foregoing Patent Assignment and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

(Seal)



Dated 8/25/2010
Signature of [Signature]
Notary Public
Printed Name Lawrence K. Guy
My commission expires 11-29-13

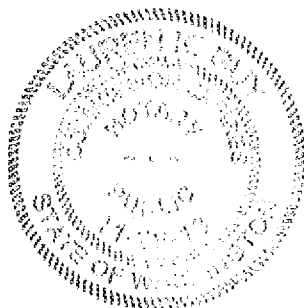
9/10/2010
Date

Nicholas Maniscalco
Nicholas Maniscalco

State of Washington)
County of King) ss:
)

I certify that I know or have satisfactory evidence that Nicholas Maniscalco is the person who personally appeared before me and acknowledged that he/she signed the foregoing Patent Assignment and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

(Seal)



Dated 9/10/2010

Signature of Notary Public [Signature]

Printed Name Walter E. Gray

My commission expires 11-29-13

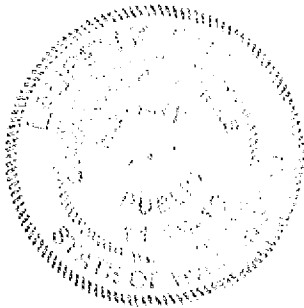
8/25/2010
Date

S. Swaminathan
Swaminathan Sivasubramanian

State of Washington)
County of King) ss:
)

I certify that I know or have satisfactory evidence that Swaminathan Sivasubramanian is the person who personally appeared before me and acknowledged that he/she signed the foregoing Patent Assignment and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

(Seal)



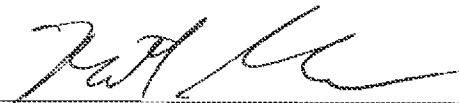
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Signature of Notary Public [Signature]

Printed Name Wrenk - Guy

My commission expires 11-29-13

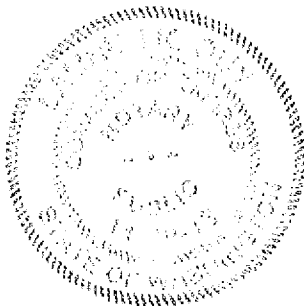
8/25/10
Date



Matthew S. Garman

State of Washington)
County of King) ss:
)

I certify that I know or have satisfactory evidence that Matthew S. Garman is the person who personally appeared before me and acknowledged that he/she signed the foregoing Patent Assignment and acknowledged it to be his/her free and voluntary act for the uses and purposes mentioned in the instrument.

(Seal)



Dated 8/25/2010
Signature of 
Notary Public
Printed Name Laurence K. Gray
My commission expires 11-29-13

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