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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JARI JUHANI KARPPANEN	01/07/2015

RECEIVING PARTY DATA

Name:	AMAZON TECHNOLOGIES, INC.	
Street Address:	P.O. BOX 81226	
City:	SEATTLE	
State/Country:	WASHINGTON	
Postal Code:	98108-1226	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14563831

CORRESPONDENCE DATA

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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.

Phone: 949-721-2819

Email: danielle.hart@knobbe.com

Correspondent Name: KNOBBE, MARTENS, OLSON & BEAR, LLP

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Address Line 4: **IRVINE, CALIFORNIA 92614**

ATTORNEY DOCKET NUMBER:	SPARC.1023A	
NAME OF SUBMITTER:	DANI N. HART	
SIGNATURE:	/Dani N. Hart/	
DATE SIGNED: 01/29/2015		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 5

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U.S. Patent Appln. No. 14/563,831

Attorney Docket No. SPARC.1023A

Filing Date December 8, 2014

Client Docket No. P19023-US

PARTIES TO THE ASSIGNMENT

Assignor(s):

JARI JUHANI KARPPANEN 410 Terry Avenue North

Seattle, WA 98109-5210

Assignee:

Amazon Technologies, Inc. P.O. Box 81226

Seattle, WA 98108-1226

AGREEMENT

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

"INTELLIGENT BROWSER-BASED DISPLAY TILING" (Invention) for which a non-provisional

application for United States Letters Patent

☑ was filed on <u>December 8, 2014</u> and accorded U.S. application no. <u>14/563,831</u>; 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 Knobbe,

Martens, Olson & Bear, LLP, associated with Customer No. 20995, to insert in the header above and here

in parentheses (U.S. application no. 14/563,831, filed December 8, 2014) 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;

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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(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.

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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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Attorney Docket No. SPARC.1023A

Filing Date December 8, 2014

Client Docket No. P19023-US

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.

20995

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U.S. Patent Appln. No. <u>14/563.831</u>	Attorney Docket No. SPARC.1023A
Filing Date <u>December 8, 2014</u>	Client Docket No. P19023-US
DECLARATION	·
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
☑ United States application number 14/563	3,831 filed on <u>December 8, 2014;</u> or
PCT international application number	filed on
The above-identified application was made or auth-	orized to be made by me.
I believe that I am the original inventor or an application.	original joint inventor of a claimed Invention in the
	the above-identified application, and acknowledge the ffice all information known to me to be material to the
I hereby acknowledge that any willful false state	ment made in this declaration is punishable under 18
USC 1001 by fine or imprisonment of not more than	in five (5) years, or both.
Legal name of inventor:	
JARI JUHANI KARPPANEN	WITNESSED BY:
Inventor Signature	Witness Signature
) AN 286 2015	ES Organ
Date	Witness (Printed Name)
	Date 2, 2015

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RECORDED: 01/29/2015