502581329 11/25/2013

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2627373

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEVIN ROBERT COSTELLO	10/16/2013
CHRISTOPHER WAYNE LOCKHART	10/16/2013

RECEIVING PARTY DATA

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City:	RENO	
State/Country:	NEVADA	
Postal Code:	89507	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14035897

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ATTORNEY DOCKET NUMBER:	20346.0586.NPUS00
NAME OF SUBMITTER:	DUY D. NGUYEN
Signature:	/Duy D. Nguyen/
Date:	11/25/2013

PATENT 502581329 REEL: 031668 FRAME: 0466

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340 00 H This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

source=2013-10-16 Fully Executed Combined Assignment and Declaration (4)#page1.tif source=2013-10-16 Fully Executed Combined Assignment and Declaration (4)#page2.tif source=2013-10-16 Fully Executed Combined Assignment and Declaration (4)#page3.tif source=2013-10-16 Fully Executed Combined Assignment and Declaration (4)#page4.tif

source=2013-10-16 Fully Executed Combined Assignment and Declaration (4)#page5.tif

U.S. Patent Appln. No. 14/035,897 Filing Date September 24, 2013 Attorney Docket No. <u>20346.0586.NPUS00</u> Client Docket No. <u>P11081-US</u>

PARTIES TO THE ASSIGNMENT

Assignor(s):

KEVIN ROBERT COSTELLO 410 Terry Avenue North Seattle, WA 98109-5210

CHRISTOPHER WAYNE LOCKHART 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 "GENERATING VIRTUAL SHADOWS FOR DISPLAYABLE ELEMENTS" (Invention) for which a non-provisional application for United States Letters Patent

	recordation.
	will be filed concurrently with the submission of this executed PATENT ASSIGNMENT for
\bowtie	was filed on September 24, 2013 and accorded U.S. application no. 14/035,897; or

ASSIGNOR(S) hereby authorizes and requests ASSIGNEE'S legal representatives, of <u>Novak Druce Connolly Bove + Quigg LLP</u>, associated with Customer No. <u>65761</u>, to insert in the header above and here in parentheses (U.S. application no.<u>14/035.897</u>, filed <u>September 24, 2013</u>) this application's U.S. application number and filing date, when known.

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U.S. Patent Appln. No. <u>14/035,897</u> Filing Date <u>September 24, 2013</u>

Attorney Docket No. <u>20346.0586.NPUS00</u> Client Docket No. <u>P11081-US</u>

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

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

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U.S. Patent Appln. No. <u>14/035,897</u> Filing Date <u>September 24, 2013</u>

Attorney Docket No. 20346.0586.NPUS00 Client Docket No. P11081-US

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.

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.

65761

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U.S. Patent Appln. No. <u>14/035,897</u> Filing Date <u>September 24, 2013</u> Attorney Docket No. <u>20346.0586.NPUS00</u> Client Docket No. <u>P11081-US</u>

DECLARATION As a below named inventor, I hereby declare that:				
This declaration is directed to:				
the attached application; or				
☑ United States application number 14/035,8	☐ United States application number 14/035,897 filed on September 24, 2013; 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 patentability as defined in 37 CFR 1.56.				
I hereby acknowledge that any willful false statement of USC 1001 by fine or imprisonment of not more than fi				
Legal name of inventor: KEVIN ROBERT COSTELL	LO			
<u>lo/1/2/23</u> Date	Multania Inventor Signature			
WITNESSED BY: Oct 16,13 Date	Witness (Signature) Witness (Printed Name)			

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Attorney Docket No. 20346.0586.NPUS00 U.S. Patent Appln. No. 14/035,897 Client Docket No. P11081-US Filing Date September 24, 2013 DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or ☑ United States application number 14/035,897 filed on September 24, 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: CHRISTOPHER WAYNE LOCKHART Inventor Signature Date

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Witness (Printed Name)

PATENT REEL: 031668 FRAME: 0472

RECORDED: 11/25/2013

Date