503542728 10/27/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3589355

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROSS DAVID ROESSLER	06/22/2015
MATTHEW ALAN TOWNSEND	09/16/2015
YINFEI YANG	06/25/2015
JIM OOMMEN THOMAS	06/25/2015
DEON PONCINI	09/16/2015
WILLIAM EVAN WELBOURNE	06/25/2015
GEOFF HUNTER DONALDSON	09/16/2015
PAUL AKSENTI SAVASTINUK	07/28/2015
CHENG-HAO KUO	07/28/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14727782

CORRESPONDENCE DATA

Fax Number: (509)323-8979

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: 509-324-9256

Email: pam@leehayes.com
Correspondent Name: LEE & HAYES, PLLC

Address Line 1: 601 W. RIVERSIDE AVENUE

Address Line 2: SUITE 1400

Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER: AM2-1808US

NAME OF SUBMITTER: PAM PRELLWITZ

503542728 REEL: 036897 FRAME: 0032

SIGNATURE:	/Pam Prellwitz/
DATE SIGNED:	10/27/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 13	
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PATENT REEL: 036897 FRAME: 0033

U.S. Patent Appln. No. 14/727,782

Filing Date June 1, 2015

Attorney Docket No. <u>AM2-1808US</u>
Client Docket No. <u>P24313-US</u>

PARTIES TO THE ASSIGNMENT

Assignor(s):

ROSS DAVID ROESSLER

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MATTHEW ALAN TOWNSEND

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CHENG-HAO KUO

410 Terry Avenue North Seattle, WA 98109-5210

Assignee:

Amazon Technologies, Inc. PO Box 81226 Seattle, WA 98108-1226

U.S. Patent Appln. No. 14/727,782

Filing Date June 1, 2015

Attorney Docket No. AM2-1808US

Client Docket No. P24313-US

AGREEMENT

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

"PANORAMIC IMAGE GENERATION FROM VIDEO" (Invention) for which a non-provisional application for

United States Letters Patent

 $\boxed{\times}$ was filed on June 1, 2015 and accorded U.S. application no. 14/727,782; 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

Lee & Hayes PLLC, associated with Customer No. 29150, to insert in the header above and here in

parentheses (U.S. application no. 14/727,782, filed June 1, 2015) 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

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U.S. Patent Appln. No. 14/727,782

Filing Date June 1, 2015

Attorney Docket No. AMZ-1808US

Client Docket No. P24313-US

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.

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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PATENT

REEL: 036897 FRAME: 0036

U.S. Patent Appln. No. <u>14/727,782</u> Filing Date <u>June 1, 2015</u> Attorney Docket No. AM2-1808US

Client Docket No. P24313-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.

29150

U.S. Patent Appln. No. 14/727,782 Attorney Docket No. AM2-1808US Filing Date June 1, 2015 Client Docket No. P24313-US DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States application number 14/727,782 filed on June 1, 2015; 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. Thereby 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: ROSS DAVID ROESSLER WITNESSED BY: Witness Signature

Date

U.S. Patent Appln. No. 14/727,782

Filing Date June 1, 2015 Client Docket No. P24313-US DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States application number 14/727,782 filed on June 1, 2015; 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: MATTHEW ALAN TOWNSEND WITNESSED BY: Inventor Signature Witness Signature 9/16/2015 Witness (Printed Name)

Attorney Docket No. AM2-1808US

Filing Date June 1, 2015

Client Docket No. AM2-1808US

Client Docket No. P24313-US

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

the attached application; or

United States application number 14/727,782 filed on June 1, 2015; 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.

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: YINFEI YANG	WITNESSED BY:
THATA	
Inventor Signature	Witpess Signature
6/25/2015	<u>Kelvin Lau</u>
Date	Witness (Printed Name)
	<u> Jue 25,2015</u>
	Data

Attorney Docket No. AM2-1808US U.S. Patent Appln. No. 14/727,782 Client Docket No. P24313-US Filing Date June 1, 2015 DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States application number 14/727,782 filed on June 1, 2015; 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: JIM COMMEN THOMAS WITNESSED BY: Inventor Signature Witness (Printed Name) Date 25/06/2015 Date

U.S. Patent Appln. No. <u>14/727,782</u> Filing Date <u>June 1, 2015</u>

Attorney Docket No. <u>AM2-1808US</u>
Client Docket No. <u>P24313-US</u>

DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
igstyle igstyle igstyle igstyle United States application number $14/727.78$	<u>12</u> filed on <u>June 1, 2015</u> ; or
PCT international application number	filed on
The above-identified application was made or authorize	d to be made by me.
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Thereby acknowledge that any willful false statement m USC 1001 by fine or imprisonment of not more than five	
Legal name of inventor: DEON PONCINI	WITNESSED BY:
Inventor Signature 9 // 6 7015 Date	Witness Signature Electric Control (Control (Co

U.S. Patent Appln. No. <u>14/727,782</u> Filing Date <u>June 1, 2015</u> Attorney Docket No. <u>AM2-1808US</u>
Client Docket No. <u>P24313-US</u>

DECLARATION	
As a below named inventor, I hereby declare th	nat;
This declaration is directed to:	
the attached application; or	
United States application number 1	<u>4/727,782</u> filed on <u>June 1, 2015</u> ; or
PCT international application numb	erfiled on
The above-identified application was made or a	authorized to be made by me.
I believe that I am the original inventor or an orapplication.	riginal joint inventor of a claimed Invention in the
I have reviewed and understand the contents of	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.	
Lhereby acknowledge that any willful false stat	tement 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: WILLIAM EVAN WELBOURNE	WITNESSED BY:
Inventor Signature	Witness Signature
6/25/15	Kelvy Lau
Date	Witness (Printed Name)
	Date

Page 10 of 13

Attorney Docket No. AM2-1808US U.S. Patent Appln, No. 14/727,782 Client Docket No. P24313-US Filing Date June 1, 2015 DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or $\boxed{\times}$ United States application number 14/727,782 filed on June 1, 2015; 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: GEOFF HUNTER DONALDSON WITNESSED BY: Inventor Signature Witness Signa ในาซ์

Date

Witness (Printed Name

U.S. Patent Appln. No. <u>14/727,782</u> Filing Date <u>June 1, 2015</u> Attorney Docket No. <u>AM2-1808US</u>
Client Docket No. <u>P24313-US</u>

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This declaration is directed to:	
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☑ United States application number 14/727,79	8 <u>2</u> filed on <u>June 1, 2015</u> ; or
PCT international application number	filed on,
The above-identified application was made or authorize	ed to be made by me.
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I hereby acknowledge that any willful false statement n	nade 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: PAUL AKSENTI SAVASTINUK	WITNESSED BY:
Inventor Signature	Shulgton Witness Signature Shere e lengination
7/28/15 Date	Witness (Printed Name)
	7-28-20/5

Date

U.S. Patent Appln. No. 14/727,782 Attorney Docket No. AM2-1808US Filing Date June 1, 2015 Client Docket No. P24313-US DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or ☑ United States application number 14/727,782 filed on June 1, 2015; 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: **CHENG-HAO KUO** WITNESSED BY:

Witness (Printed Name

7-28-205

Date

Page 13 of 13