503813403 05/05/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3860051

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ILYA VLADIMIROVICH BRAILOVSKIY	01/27/2016
ILIA VITSNUDEL	03/07/2016
PHILIP JAMES TAYLOR	03/24/2016
NATHANIEL BUBIS	04/27/2016
MATTHEW ALAN TOWNSEND	01/28/2016
DMITRY SVETLOV	05/03/2016
NOAM SOREK	03/17/2016
BENJAMIN ROBERT HIRSCH	01/29/2016
PAUL ANDERSEN ALIOSHIN	02/08/2016

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:	14870935

CORRESPONDENCE DATA

Fax Number: (206)370-6385

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: 206-370-7816

Email: robin.parmelee@klgates.com

Correspondent Name: K&L GATES LLP

Address Line 1: 925 FOURTH AVENUE

Address Line 2: **SUITE 2900**

Address Line 4: SEATTLE, WASHINGTON 98104-1158

ATTORNEY DOCKET NUMBER: 2068843.00084/P26943-US NAME OF SUBMITTER: HUGH H. MATSUBAYASHI

PAIENI

REEL: 038476 FRAME: 0001 503813403

SIGNATURE:	/Hugh H. Matsubayashi/
DATE SIGNED:	05/05/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 13	
source=Executed Assignment and Dec	aration#page1.tif
source=Executed Assignment and Dec	aration#page2.tif
source=Executed Assignment and Declaration#page3.tif	
source=Executed Assignment and Declaration#page4.tif	
source=Executed Assignment and Declaration#page5.tif	
source=Executed Assignment and Declaration#page6.tif	
source=Executed Assignment and Declaration#page7.tif	
source=Executed Assignment and Declaration#page8.tif	
source=Executed Assignment and Declaration#page9.tif	
source=Executed Assignment and Dec	aration#page10.tif
source=Executed Assignment and Dec	aration#page11.tif
source=Executed Assignment and Dec	aration#page12.tif

source=Executed Assignment and Declaration#page13.tif

PATENT REEL: 038476 FRAME: 0002

U.S. Patent Appln. No. <u>14/870,935</u>

Attorney Docket No. 2068843.00084

Filing Date September 30, 2015

Client Docket No. P26943-US

PARTIES TO THE ASSIGNMENT

Assignor(s):

ILYA VLADIMIROVICH BRAILOVSKIY

410 Terry Avenue North Seattle, WA 98109-5210

ILIA VITSNUDEL

410 Terry Avenue North Seattle, WA 98109-5210

PHILIP JAMES TAYLOR

410 Terry Avenue North Seattle, WA 98109-5210

NATHANIEL BUBIS

410 Terry Avenue North Seattle, WA 98109-5210

MATTHEW ALAN TOWNSEND

410 Terry Avenue North Seattle, WA 98109-5210

DMITRY SVETLOV

410 Terry Avenue North Seattle, WA 98109-5210

NOAM SOREK

410 Terry Avenue North Seattle, WA 98109-5210

BENJAMIN ROBERT HIRSCH

410 Terry Avenue North Seattle, WA 98109-5210

PAUL ANDERSEN ALIOSHIN

410 Terry Avenue North Seattle, WA 98109-5210

Assignee:

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

Page 1 of 13

U.S. Patent Appln. No. <u>14/870,935</u>

Attorney Docket No. <u>2068843.00084</u>

Filing Date September 30, 2015

Client Docket No. P26943-US

AGREEMENT

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

"<u>FORMATTING STITCHED PANORAMIC FRAMES FOR TRANSMISSION</u>" (Invention) for which a non-

provisional application for United States Letters Patent

was filed on September 30, 2015 and accorded U.S. application no. 14/870,935; 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

<u>K&L Gates LLP</u>, associated with Customer No. <u>85943</u>, to insert in the header above and here in

parentheses (U.S. application no. 14/870,935, filed September 30, 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

Page 2 of 13

U.S. Patent Appln. No. 14/870,935

Filing Date September 30, 2015

дрин. No. <u>14/0/0,55</u>

Attorney Docket No. 2068843.00084

Client Docket No. P26943-US

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.

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

Page 3 of 13

PATENT REEL: 038476 FRAME: 0005

U.S. Patent Appln. No. 14/870,935

Attorney Docket No. 2068843.00084

Filing Date September 30, 2015

Client Docket No. P26943-US

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.

85943

Page 4 of 13

U.S. Patent Appln. No. <u>14/870,935</u> Atto	rney Docket No. <u>2068843.00084</u>
Filing Date <u>September 30, 2015</u> Clie	nt Docket No. <u>P26943-US</u>
DECLARATION	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application; or	
igotimes United States application number <u>14/870,935</u> filed on <u>Septer</u>	mber 30, 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 c	claimed Invention in the
application.	
I have reviewed and understand the contents of the above-identified appropriately duty to disclose to the US Patent & Trademark Office all information known patentability as defined in 37 CFR 1.56.	_
I hereby acknowledge that any willful false statement made in this declar	ration is punishable under 18
USC 1001 by fine or imprisonment of not more than five (5) years, or bot	h.
— Docusigned by: // Uya V. Brailowskiy/	
ILYA VLADIMIROVICH BRAILOVSKIY	
January 27, 2016 Date	

Attorney Docket No. 2068843.00084 U.S. Patent Appln. No. 14/870,935 Filing Date September 30, 2015 Client Docket No. P26943-US DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: the attached application; or United States application number 14/870,935 filed on September 30, 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 (S) years, or both.

Page 6 of 13

U.S. Patent Appln. No. <u>14/870,935</u>	Attorney Docket No. 2068843.00084	
Filing Date <u>September 30, 2015</u>	Client Docket No. P26943-US	
DECLARATION		
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
the attached application; or		
United States application number 14/870,935 filed o	on <u>September 30, 2015;</u> 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 inven	tor of a claimed Invention in the	
application.		
I have reviewed and understand the contents of the above-iden	tified application, and acknowledge the	
duty to disclose to the US Patent & Trademark Office all informa	tion 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.		
Philip Taylor 24 March 2016 Date		

U.S. Patent Appln. No. <u>14/870,935</u>

Filing Date September 30, 2015

Attorney Docket No. 2068843.00084 Client Docket No. P26943-US

DECLARATION

As a below named inventor, I hereby declare	that:
---	-------

This declaration is directed to:

the attached application; or	
igotimes United States application number $14/870,935$ f	iled on <u>September 30, 2015;</u> 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.

NATHANIEL BUBIS

27th April 2016

Date

U.S. Patent Appln. No. <u>14/870,935</u>	Attorney Docket No. <u>2068843.00084</u>
Filing Date <u>September 30, 2015</u>	Client Docket No. P26943-US
<u>DECLARATION</u>	
As a below named inventor, I hereby dec	clare that:
This declaration is directed to:	
the attached application; or	
United States application nu	mber <u>14/870,935</u> filed on <u>September 30, 2015;</u> or
PCT international application	number filed on
The above-identified application was ma	de or authorized to be made by me.
I believe that I am the orlginal inventor o	or an original joint inventor of a claimed Invention in the
application.	
I have reviewed and understand the con-	tents of the above-identified application, and acknowledge the
duty to disclose to the US Patent & Trade	emark Office all information known to me to be material to the
patentability as defined in 37 CFR 1.56.	
	se statement made in this declaration is punishable under 18
USC 1001 by fine or imprisonment of not	: more than five (5) years, or both.
DocuSigned by:	
/Matthew Alan Townsend/ —500838B738A249B	
—— оссозын закачаы	
MATTHEW ALAN TOWNSEND	
January 28, 2016	
Date	

U.S. Patent Appln. No. <u>14/870,935</u>	Attorney Docket No. 2068843.00084
Filing Date <u>September 30, 2015</u>	Client Docket No. P26943-US
DECLARATION	
As a below named inventor, I hereby dec	lare that:
This declaration is directed to:	
the attached application; or	
United States application nun	nber <u>14/870,935</u> filed on <u>September 30, 2015;</u> or
PCT international application	number filed on
The above-identified application was made	de or authorized to be made by me.
I believe that I am the original inventor of application.	r an original joint inventor of a claimed Invention in the
I have reviewed and understand the cont	ents of the above-identified application, and acknowledge the
duty to disclose to the US Patent & Trade patentability as defined in 37 CFR 1.56.	mark Office all information known to me to be material to the
I hereby acknowledge that any willful fals USC 1001 by fine or imprisonment of not	e statement made in this declaration is punishable under 18 more than five (5) years, or both.
Docusigned by: Dmitry Swtlow 6EB16F56A7AD4FD	
DMITRY SVETLOV	
May 3, 2016	
Date	

U.S. Patent Appln. No. <u>14/870,935</u>

Filing Date September 30, 2015

Attorney Docket No. 2068843.00084

riing Date <u>September 30, 2015</u>	2008843.0008
DECLARATION	Client Docket No. <u>P26943-US</u>
As a below named inventor, I hereby declare that	
This declaration is directed to:	
the attached application; or	
United States application number 14/8	370,935 filed on <u>September 30, 2015;</u> or filed on
The above-identified application was made or auth	
I believe that I am the original inventor or an origin application.	al joint inventor of a claimed invention in the
I have reviewed and understand the contents of the duty to disclose to the US Patent & Trademark Office patentability as defined in 37 CFR 1.56.	above-identified application, and acknowledge the all information known to me to be material to the
I hereby acknowledge that any willful false statemen USC 1001 by fine or imprisonment of not more than t	t made in this declaration is punishable under 18 five (5) years, or both.
NOAM SOREK 17/3/2016 Date	

Page 11 of 13

U.S. Patent Appln. No. <u>14/870,935</u>	Attorney Docket No. <u>2068843.00084</u>
Filing Date <u>September 30, 2015</u>	Client Docket No. <u>P26943-US</u>
<u>DECLARATION</u>	
As a below named inventor, I hereby de	clare that:
This declaration is directed to:	
$\hfill\Box$ the attached application; or	
United States application nu	mber <u>14/870,935</u> filed on <u>September 30, 2015;</u> or
PCT international application	number filed on
The above-identified application was ma	nde or authorized to be made by me.
I believe that I am the original inventor of	or an original joint inventor of a claimed Invention in the
application.	
I have reviewed and understand the con	tents of the above-identified application, and acknowledge the
duty to disclose to the US Patent & Trade	emark 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 fal	se statement made in this declaration is punishable under 18
USC 1001 by fine or imprisonment of not	t more than five (5) years, or both.
Docusigned by: Benjamin J. Hirsch CA46DF24639A434	
BENJAMIN ROBERT HIRSCH	
January 29, 2016	
Date	•

U.S. Patent Appln. No. <u>14/870,935</u>	Attorney Docket No. 2068843.00084
Filing Date <u>September 30, 2015</u>	Client Docket No. P26943-US
<u>DECLARATION</u>	
As a below named inventor, I hereby de	clare that:
This declaration is directed to:	
the attached application; or	
United States application nu	mber <u>14/870,935</u> filed on <u>September 30, 2015;</u> or
PCT international application	number filed on
The above-identified application was ma	nde or authorized to be made by me.
I believe that I am the original inventor of	or an original joint inventor of a claimed Invention in the
application.	
I have reviewed and understand the con	tents of the above-identified application, and acknowledge the
duty to disclose to the US Patent & Trade	emark 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 fall USC 1001 by fine or imprisonment of not	se statement made in this declaration is punishable under 18 t more than five (5) years, or both.
DocuSigned by: Paul A. Alioshin CC106A9F7DF44CE	
PAUL ANDERSEN ALIOSHIN	
February 8, 2016 Date	-

Page 13 of 13