503981893 08/29/2016

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------------|----------------|
| EVANGELOS PAPPAS-KATSIAFAS | 07/28/2016 |
| ILYA VLADIMIROVICH BRAILOVSKIY | 07/21/2016 |
| NAUSHIRWAN N PATUCK | 07/04/2016 |

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: | 15196721 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | AM2-2159US |
|-------------------------|--|
| NAME OF SUBMITTER: | JENNIFER PHIPPS |
| SIGNATURE: | /Jennifer Phipps/ |
| DATE SIGNED: | 08/29/2016 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 6

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PATENT 503981893 REEL: 039568 FRAME: 0041

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U.S. Patent Appln. No. <u>15/196,721</u>

Attorney Docket No. AM2-2159US

Filing Date June 29, 2016

Client Docket No. P32704-US

PARTIES TO THE ASSIGNMENT

Assignor(s):

Evangelos Pappas-Katsiafas 410 Terry Avenue North Seattle, WA 98109-5210

Ilya Vladimirovich Brailovskiy 410 Terry Avenue North Seattle, WA 98109-5210

Naushirwan N Patuck

410 Terry Avenue North Seattle, WA 98109-5210

Assignee:

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

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "<a href="https://doi.org/librarion/DEPTH-MAP AUGMENTATION TECHNIQUES" (Invention) for which a non-provisional application for United States Letters Patent (Application):

| \boxtimes | was filed on June 29, 2016 and accorded U.S. Application No. 15/196,721; 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. <u>136607</u>, to insert in the header above and here in parentheses (U.S. Patent Application No. <u>15/196,721</u>, filed <u>June 29, 2016</u>) this application's U.S. application number and filing date, when known.

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U.S. Patent Appln. No. 15/196,721

Attorney Docket No. AM2-2159US

Filing Date June 29, 2016

Client Docket No. P32704-US

Title of Invention: DEPTH-MAP AUGMENTATION TECHNIQUES

Inventors: Evangelos Pappas-Katsiafas, Ilya Vladimirovich Brailovskiy, Naushirwan N Patuck

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, as well as all other applicable patent offices throughout the world, 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.

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U.S. Patent Appln. No. 15/196,721

Attorney Docket No. AM2-2159US

Filing Date June 29, 2016

Client Docket No. P32704-US

Title of Invention: DEPTH-MAP AUGMENTATION TECHNIQUES

Inventors: Evangelos Pappas-Katsiafas, Ilya Vladimirovich Brailovskiy, Naushirwan N Patuck

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 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 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 ASSIGNOR's heirs, legal representatives, administrators, and assigns.

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| PATENT ASSIGNMENT AND DECLARAT | ION (37 CFR 1.63) |
|--|--|
| U.S. Patent Appln. No. <u>15/196,721</u> | Attorney Docket No. AM2-2159US |
| Filing Date <u>June 29, 2016</u> | Client Docket No. P32704-US |
| Title of Invention: DEPTH-MAP AUGMENTATION TECHNIQU | <u>ES</u> |
| Inventors: Evangelos Pappas-Katsiafas, Ilya Vladimirovich E | Brailovskiy, Naushirwan N Patuck |
| DECLARATION | |
| As a below named inventor, I hereby declare that: | |
| This declaration is directed to: | |
| the attached application; or | |
| ☑ United States Patent Application number 15/19€ | 5,721 filed on <u>June 29, 2016</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 in application. | iventor of a claimed Invention in the |
| I have reviewed and understand the contents of the above-in acknowledge the duty to disclose to the US Patent & Traden me to be material to the patentability as defined in 37 CFR 1 | nark Office all information known to |
| hereby acknowledge that any willful false statement made under 18 USC 1001 by fine or imprisonment of not more that | |

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Evangelos Pappas-Katsiafas

28 July 2016

| U.S. Patent Appln. No. <u>15/196,721</u> | Attorney Docket No. <u>AM2-2159US</u> |
|---|--|
| Filing Date <u>June 29, 2016</u> | Client Docket No. <u>P32704-US</u> |
| Title of Invention: <u>DEPTH-MAP AUGMENT</u> | ATION TECHNIQUES |
| Inventors: Evangelos Pappas-Katsiafas, Il | ya Vladimirovich Brailovskiy, Naushirwan N Patuck |
| DECLARATION | |
| As a below named inventor, I hereby decl | are that: |
| This declaration is directed to: | |
| the attached application; or | |
| United States Patent Applicati | on number <u>15/196,721</u> filed on <u>June 29, 2016</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 or application. | 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 U | JS Patent & Trademark Office all information known to |
| me to be material to the patentability as | defined in 37 CFR 1.56. |
| | e statement made in this declaration is punishable ent of not more than five (5) years, or both. |
| Ilya Vladimirovich Brailovskiy | |
| · | |
| July 21, 2016 | |
| Date | |

| U.S. Patent Appln. No. <u>15/196,721</u> | Attorney Docket No. AM2-2159US |
|--|--|
| Filing Date June 29, 2016 | Client Docket No. <u>P32704-US</u> |
| Title of Invention: <u>DEPTH-MAP AUGMENT</u> | ATION TECHNIQUES |
| Inventors: Evangelos Pappas-Katsiafas, Il | ya Vladimirovich Brailovskiy, Naushirwan N Patuck |
| DECLARATION | , |
| As a below named inventor, I hereby deci | are that: |
| This declaration is directed to: | |
| the attached application; or | |
| United States Patent Applicati | on number <u>15/196,721</u> filed on <u>June 29, 2016</u> ; or |
| PCT International Application | numberfiled on |
| | |
| The above-identified application was mad | e or authorized to be made by me. |
| 6 6 2 8 8 9 9 W W V V S | |
| | an original joint inventor of a claimed invention in the |
| application. | |
| I have reviewed and understand the conte | ents of the above-identified application, and |
| | S Patent & Trademark Office all information known to |
| me to be material to the patentability as o | |
| me to be moterial to the paternaumy as t | action of the layer |
| I berehy arknowledge that any willful fals | statement made in this declaration is punishable |
| | nt of not more than five (5) years, or both. |
| | ne or not more than tive (3) years, or pour. |
| AN | |
| Naushirwan N Patuck | |
| | |
| 1 Paul | |
| 4/July/2016 Date | |

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RECORDED: 08/29/2016