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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5002233

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| MINGSONG DOU | 06/11/2018 |
| SEAN RYAN FANELLO | 06/11/2018 |
| ADARSH PARAKSH MURTHY KOWDLE | 06/11/2018 |
| CHRISTOPH RHEMANN | 06/11/2018 |
| SAMEH KHAMIS | 06/12/2018 |
| PHILIP L. DAVIDSON | 06/11/2018 |
| SHAHRAM IZADI | 06/12/2018 |
| VLADIMIR TANKOVICH | 06/11/2018 |
| RECEIVING PARTY DATA | |
| Name: | GOOGLE LLC |
| Street Address: | 1600 AMPHITHEATRE PARKWAY |
| City: | MOUNTAIN VIEW |
| State/Country: | CALIFORNIA |
| Postal Code: | 94043 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 15994471 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | 1500-FEN004 |
| NAME OF SUBMITTER: | ASHLEY E. HOGENMILLER |
| SIGNATURE: | /Ashley E. Hogenmiller/ |

PATENT

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| DATE SIGNED: | 06/12/2018 |
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Total Attachments: 3

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ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged, I, an ASSIGNOR named below,

- MINGSONG DOU of Mountain View, CA, USA
- SEAN RYAN FANELLO of Mountain View, CA, USA
- ADARSH PRAKASH MURTHY KOWDLE of San Francisco, CA, USA
- CHRISTOPH RHEMANN of Mountain View, CA, USA
- SAMEH KHAMIS of Mountain View, CA, USA
- PHILIP L. DAVIDSON of Arlington, MA, USA
- SHAHRAM IZADI of Tiburon, CA, USA
- VLADIMIR TANKOVICH of Renton, WA, USA

hereby sell, assign and transfer to

ASSIGNEE: **Google LLC**, a limited liability company having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043

its successors, assigns and legal representatives, my entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention(s) disclosed in:

- U.S. Patent Application executed on or about the date of this Assignment,
- U.S. Patent Application executed on _____, or
- U.S. Provisional Application No. 62/513,176 filed on May 31, 2017
- U.S. Application No.: 15/994,471, filed on May 31, 2018
- International Application No.: PCT/_____, filed on _____

ENTITLED: NON-RIGID ALIGNMENT FOR VOLUMETRIC PERFORMANCE CAPTURE, having

REFERENCE NO.: 1500-FEN004, and naming as

INVENTORS: MINGSONG DOU, SEAN RYAN FANELLO, ADARSH PRAKASH MURTHY KOWDLE, CHRISTOPH RHEMANN, SAMEH KHAMIS, PHILIP L. DAVIDSON, SHAHRAM IZADI and VLADIMIR TANKOVICH

including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including international, regional and foreign national applications) for said invention(s), including divisions, continuations, continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all patents of every country or region that may be granted or have been granted for said invention(s), including any reissues and reexaminations thereof.

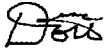
To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that the application number and filing date be inserted here, if not already shown above, (____/____, filed _____) when they become known.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to claim all rights of priority without further authorization from me.

I agree to execute any and all papers useful in connection with any and all United States and foreign applications (including international, regional, and foreign national applications), and generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees, at their request and reasonable expense, in obtaining and enforcing patents for said invention(s) in all countries.


I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

DocuSigned by:

0482FC464737A403


Mingsong Dou 6/11/2018

Date

DocuSigned by:

D80E9F7255554CC


Sean Ryan Fanello 6/11/2018

Date

DocuSigned by:

80C102029EB0404


Adarsh Prakash Murthy Kowdle 6/11/2018

Date

DocuSigned by:

50E0000077400

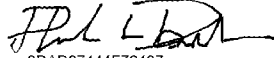
Christoph Rhemann 6/11/2018

Date

DocuSigned by:

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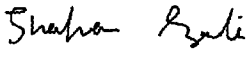
Sameh Khamis **6/12/2018**

Date

DocuSigned by:

3DAD97444E72487...


Philip L. Davidson **6/11/2018**

Date

DocuSigned by:

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Shahram Izadi **6/12/2018**

Date

DocuSigned by:

6AD9D767F6E7416...

Vladimir Tankovich **6/11/2018**

Date