

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6116378

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LYNE P. TCHAPMI	12/19/2019
CHRISTOPHER B. CHOY	02/28/2019
IRO ARMENI	02/07/2019
JUNYOUNG GWAK	02/07/2019
SILVIO SAVARESE	12/19/2019
RECEIVING PARTY DATA	
Name:	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
Street Address:	OFFICE OF THE GENERAL COUNSEL BUILDING 170, 3RD FLOOR, MAIN QUAD
Internal Address:	P.O. BOX 20386
City:	STANFORD
State/Country:	CALIFORNIA
Postal Code:	94305-2038
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16155843
CORRESPONDENCE DATA	
Fax Number:	(949)852-0004
<i>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.</i>	
Phone:	9498520000
Email:	pair@kppb.com
Correspondent Name:	KPPB LLP
Address Line 1:	2190 S. TOWNE CENTRE PLACE
Address Line 2:	SUITE 300
Address Line 4:	ANAHEIM, CALIFORNIA 92806
ATTORNEY DOCKET NUMBER:	S31-05309
NAME OF SUBMITTER:	KATRINA LEE
SIGNATURE:	/Katrina Lee/

DATE SIGNED:	05/20/2020
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Total Attachments: 9
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source=05309assignment#page5.tif
source=05309assignment#page6.tif
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source=05309assignment#page8.tif
source=05309assignment#page9.tif

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Lyne P. Tchammi; Christopher B. Choy; Iro Armeni;
JunYoung Gwak; Silvio Savarese

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: The Board of Trustees of the Leland Stanford Junior University

Internal Address: _____

Office of the General Counsel Building 170, 3rd Floor, Main Quad

Street Address: P.O. Box 20386

City: Stanford

State: CA

Country: US Zip: 94305-2038

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) Dec 19, 2019; Feb 28, 2019; Feb 7, 2019; Feb 7, 2019; Dec 19, 2019

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

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

A. Patent Application No.(s)

16/155,843

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: KPPB LLP

Internal Address: Suite 300

Street Address: 2190 S. Towne Centre Place

City: Anaheim

State: CA Zip: 92806

Phone Number: 949.852.0000

Docket Number: S31-05309

Email Address: pair@kppb.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized UserName _____

9. Signature: /Isaac M. Fine/

May 20, 2020

Signature

Date

Isaac M. Fine

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

9

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT OF APPLICATION

THIS ASSIGNMENT, by Lyne P. Tchapmi residing in Stanford, California, U.S.A., Christopher B. Choy residing in Stanford, California, U.S.A., Iro Armeni residing in Stanford, California, U.S.A., JunYoung Gwak residing in Stanford, California, U.S.A., and Silvio Savarese residing in Stanford, California, U.S.A. (hereinafter referred to as the ASSIGNORS):

WHEREAS, said ASSIGNORS have invented certain new and useful improvements in:

"Systems and Methods for Semantic Segmentation of 3D Point Clouds"

filed on October 9, 2018, as U.S. Patent Application No. 16/155,843 and listing the above named persons as inventors, attorney docket reference S31-05309.


WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a non-profit organization duly organized under and pursuant to the laws of California, and having its principal place of business at Office of the General Counsel Building 170, 3rd Floor, Main Quad P.O. Box 20386, Stanford, CA 94305-2038, (hereinafter referred to as the ASSIGNEE) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon:

NOW THEREFORE, for good and valuable considerations, said ASSIGNORS sell, assign, transfer to the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefore and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said ASSIGNEE, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the ASSIGNORS, had this sale and assignment not been made.

AND for the same consideration, the said ASSIGNORS hereby covenant and agree to and with said ASSIGNEE, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said ASSIGNORS are the lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said ASSIGNORS have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said ASSIGNORS hereby covenant and agree to and with said ASSIGNEE, its successors, legal representatives and assigns, that said ASSIGNORS will, whenever counsel of said ASSIGNEE, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said ASSIGNEE, its successors, legal representatives and assigns, but at the cost and expense of said ASSIGNEE, its successors, legal representatives and assigns.

AND the said ASSIGNORS hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said ASSIGNEE as the ASSIGNEE of said invention and the Letters Patent to be issued thereon for the use and behalf of said ASSIGNEE, its successors, legal representatives and assigns.

Date 12/19/2019 Name of Inventor 
Lyne P. Tchapmi

Date _____ Name of Inventor _____
Christopher B. Choy

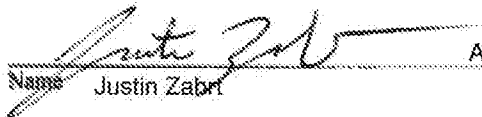
Date _____ Name of Inventor _____
Iro Armeni

Date _____ Name of Inventor _____
Jun Young Gwak

Date 12/19/2019 Name of Inventor _____

Silvio Savarese

Assignee hereby accepts this Assignment:

 Assistant Director, Intellectual Property May 19, 2020
Name Justin Zabr Title Date

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Date _____ Name of Inventor _____
Lyne P. Tchammi

Date FEB/27/2019 Name of Inventor Christopher B. Choy
Christopher B. Choy

ASSIGNMENT OF APPLICATION

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NOW THEREFORE, for good and valuable considerations, said ASSIGNORS sell, assign, transfer to the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefore and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said ASSIGNEE, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the ASSIGNORS, had this sale and assignment not been made.

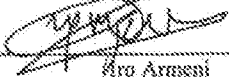
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Date _____ Name of Inventor _____
Lyne P. Tchajmi


Date _____ Name of Inventor _____
Christopher B. Choy

Date 2/7/2019 Name of Inventor 
Ara Arseni

Date _____ Name of Inventor _____
JunYoung Gwak

Date _____ Name of Inventor _____
Silvio Savarese

Assignee hereby accepts this Assignment:

 Assistant Director, Intellectual Property _____ May 19, 2020
Name Justin Zahrt Title Date

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Date Name of Inventor
Lyne P. Tchammi


Date Name of Inventor
Christopher B. Choy

Date _____ Name of Inventor _____
Iro Armeni

Date Feb 09, 2019 Name of Inventor Jin Young Gwak
Jin Young Gwak

Date _____ Name of Inventor _____
Silvio Savarese

Assignee hereby accepts this Assignment:

 Assistant Director, Intellectual Property
Name Justin Zahrt Title Date May 19, 2020