Paule P00517918 AL 08/19/2015

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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) Maziar LOGIIMAN, Maral MESMAKHOSROSHAHI and	2. Name and address of receiving party(ies) Name: Illinois Institute of Technology	
Joohce KIM Additional name(s) of conveying party(ies) attached?	Internal Address:	
3. Nature of conveyance/Execution Date(s): Execution Date(s)_14 August 2015; 14 August 2015; and 15 August 2015	Street Address: 10 West 35th Street Suite 1900-SW	
Assignment Merger Security Agreement Change of Name	City: Chicago	
Joint Research Agreement Government Interest Assignment	State: Illinois Country: US Zip: 60616	
Executive Order 9424, Confirmatory License Other	Additional name(s) & address(es) attached? Yes	
4. Application or patent number(s): This A. Patent Application No.(s)	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)	
14/827,897 Additional numbers attached? Yes No 5. Name and address to whom correspondence 6. Total number of applications and patents		
concerning document should be mailed: Name: Mark D. Swanson	involved: One (1) 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00	
Internal Address: Pauley Erickson & Kottis	Authorized to be charged to deposit account	
Street Address: 2800 West Higgins Road Suite 365	Enclosed None required (government interest not affecting title)	
City: Hoffman Estates	8. Payment Information	
State: Illinois Zip: 60169 Phone Number: (847) 490-1400 Docket Number: IIT-288 Email Address: pto@ppelaw.com	Deposit Account Number <u>19-3550</u> Authorized User Name <u>Pauley Erickson & Kottis</u>	
9. Signature:	19 Ann. VAK	
Signature Mark D. Swanson Name of Person Signing	19 Aug. 245 Date Total number of pages including cover sheet, attachments, and documents:	
Documents to be recorded (including cover shee	t) should be faxed to (571) 273-0140, or mailed to: If the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450	

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PATENT REEL: 036407 FRAME: 0169

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ASSIGNMENT

WHEREAS, We the following inventors

1.	Name:	Maziar LOGHMAN
	Residence:	Chicago, Illinois
	Post Office Address:	6325 North Sheridan Road, Apt. 501 Chicago, Illinois 60660

 Name: Residence: Post Office Address:

Maral MESMAKHOSROSHAHI Oak Park, Illinois 423 S. Euclid Avenue, Apt. 3C Oak Park, Illinois 60302

3.	Name:	Joohee KIM
	Residence:	Oak Brook, Illinois
	Post Office Address:	36 Devonshire Drive
		Oak Brook, Illinois 60523

hereinafter referred to as ASSIGNORS, have invented certain new and useful improvements in an invention entitled:

MULTI-RESOLUTION DEPTH ESTIMATION USING MODIFIED CENSUS TRANSFORM FOR ADVANCED DRIVER ASSISTANCE

which is described and claimed in an application for Letters Patent of the United States executed by ASSIGNORS on even date herewith, and naming as inventors, Maziar LOGHMAN, Maral MESMAKHOSROSHAHI and Joohee KIM; said improvements as described and claimed in said application for Letters Patent of the United States, being hereinafter referred to as said "Invention"; and

WHEREAS, Illinois Institute of Technology, a not-for-profit Illinois corporation duly organized and existing under and by virtue of the laws of the State of Illinois and having its principal office and place of business at 10 West 35th Street, Suite 1900-SW, Chicago, Illinois 60616, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under Letters Patent therefor in the United States and countries foreign thereto;

NOW THEREFORE BE IT KNOWN THAT, for and in consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over and by these presents do hereby sell, assign, transfer and set over to and unto ASSIGNEE, its successors and assigns ASSIGNORS' entire rights, title and interest in and to said Invention, and in, to and under the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto, and in, to and under all divisions, reissues,

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ASSIGNMENT

continuations, extensions and reexaminations thereof, and covenant that ASSIGNORS have the full right so to do; and the Commissioner of Patents is hereby authorized and requested to issue all United States Letters Patent on said Invention included herein to ASSIGNEE, as assignee of ASSIGNORS' entire interest.

ASSIGNORS further agree to communicate to ASSIGNEE or its representatives or agents all facts and information known or available to ASSIGNORS regarding said Invention including evidence for interference purposes or for other legal proceedings, whenever requested; to testify in any interference or other proceedings; to execute and deliver, on request, all lawful papers including original, divisional, continuing and reissue applications, renewals, assignments, powers of attorney, declarations, oaths, affidavits, depositions, etc.; and to generally do everything possible to aid ASSIGNEE, its successors and assigns, but at the expense of ASSIGNEE, in obtaining and enforcing proper protection for said Invention, in the United States and countries foreign thereto.

2

08,14,2015 Date

08/14/2015 Date

8/15/2015

OSROSHAHI

Joohee KIM

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PATENT REEL: 036407 FRAME: 0171 LAW OFFICES

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Re: Application Serial No.: 14/827,897 Attorney Docket No.: JJT-288

Date: 19 August 2015

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