

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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HANG QIU	02/23/2018
RAMESH GOVINDAN	02/20/2018
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Property Type	Number
Application Number:	15903616
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DATE SIGNED:	02/23/2018
Total Attachments: 2	
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ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to UNIVERSITY OF SOUTHERN CALIFORNIA, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P044048-US-NP/003.1647US entitled:

CROWD-SENSED POINT CLOUD MAP

for which application for Letters Patent of the United States:

- ☐ has been executed on even date herewith;
☐ executed on _____;
☒ was filed on February 23, 2018 and assigned U.S. Serial No. 15/903,616 ;

ASSIGNOR hereby authorizes UNIVERSITY OF SOUTHERN CALIFORNIA, its successors and assigns, its legal representatives, or anyone it may properly designate, to insert in this instrument the filing date and/or serial number of said application when ascertained.

Inventor's signature HANG QIU Date 02 - 23 - 2018
Full name : Hang Qiu
Residence : Los Angeles, CA

Inventor's signature _____ Date _____
Full name : Ramesh Govindan
Residence : Cerritos, CA

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Pursuant to an agreement with my employer, I formally assign to UNIVERSITY OF SOUTHERN CALIFORNIA, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application **P044048-US-NP/003.1647US** entitled:

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Inventor's signature	_____	Date	_____
Full name :	Hang Qiu		
Residence :	Los Angeles, CA		
			
Inventor's signature	_____	Date	2/20/2018
Full name :	Ramesh Govindan		
Residence :	Cerritos, CA		