504895573 05/02/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KOOK IN HAN	04/25/2018

RECEIVING PARTY DATA

Name:	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS		
Street Address:	352 HENRY ADMINISTRATION BUILDING		
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State/Country:	ILLINOIS		
Postal Code:	61801		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15956266	

CORRESPONDENCE DATA

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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.

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Correspondent Name: PATENT DOCKET ADMINISTRATOR

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ATTORNEY DOCKET NUMBER:	30831.43 (L0043)		
NAME OF SUBMITTER: NATHAN O. GREENE, REG NO. 56956			
SIGNATURE:	/Nathan O. Greene/		
DATE SIGNED:	05/02/2018		

Total Attachments: 2

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PATENT 504895573 REEL: 045691 FRAME: 0389

<u>ASSIGNMENT</u>

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WHEREAS, Kook In Han, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled COMPUTATION OF POINT CLOUDS AND JOINT DISPLAY OF POINT CLOUDS AND BUILDING INFORMATION MODELS WITH PROJECT SCHEDULES FOR MONITORING CONSTRUCTION PROGRESS, PRODUCTIVITY, AND RISK FOR DELAYS, which was filed as U.S. Application No. 15/956,266, on April 18, 2018;

WHEREAS, The Board of Trustees of the University of Illinois, a body corporate and politic having a place of business at 352 Henry Administration Building, 506 South Wright Street, Urbana, Illinois 61801, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the

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prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assigners will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

Dated:	4/25/2019	in much	AQ In Han		
STATE OF	NC)			
COUNTY OF	WAKE) ss.)			
I, <u>An</u> hereby certify subscribed to acknowledge	ada Produce, a No	nally known t, appeared l and delivere	to me to be the sa pefore me this day d the said instrume		
IN WI day of	TNESS WHEREOF, I ha	ve hereunto	set my hand and f	Notarial Seal, this <u>&</u>	
Notary Public					
My Commissi	ion Expires: , 1-20-19	No Waka C	"A.P. BISHOP stery Public c., North Carolina n Expired Nov. 20, 2016		

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