

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5668260

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GE LI	06/17/2019
YITTING SHAO	06/17/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PEKING UNIVERSITY SHENZHEN GRADUATE SCHOOL
<b>Street Address:</b>	PEKING UNIVERSITY CAMPUS
<b>Internal Address:</b>	SHENZHEN UNIVERSITY TOWN, LISHUI ROAD
<b>City:</b>	SHENZHEN
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	518055
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16476975
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(704)444-9137
<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>	
<b>Phone:</b>	704-347-6477
<b>Email:</b>	pschmid@burr.com, lynn_mcmiller@mcnair.foundationip.com, mcnairip@burr.com
<b>Correspondent Name:</b>	CHAD L. THORSON
<b>Address Line 1:</b>	101 S. TRYON STREET, SUITE 2610
<b>Address Line 2:</b>	BANK OF AMERICA PLAZA
<b>Address Line 4:</b>	CHARLOTTE, NORTH CAROLINA 28280
<b>ATTORNEY DOCKET NUMBER:</b>	0034262/0000001
<b>NAME OF SUBMITTER:</b>	CHAD L. THORSON
<b>SIGNATURE:</b>	/CHAD L. THORSON, REG. NO. 55675/
<b>DATE SIGNED:</b>	08/14/2019
<b>Total Attachments: 5</b>	
source=0034262-0000001_Assignment#page1.tif	
source=0034262-0000001_Assignment#page2.tif	

source=0034262-0000001\_Assignment#page3.tif

source=0034262-0000001\_Assignment#page4.tif

source=0034262-0000001\_Assignment#page5.tif

## ASSIGNMENT

WHEREAS, the undersigned inventor(s) (hereinafter singly and collectively, "ASSIGNOR") of the addresses indicated below, have invented subject matter disclosed and/or claimed in the US patent application entitled **POINT CLOUD ATTRIBUTE COMPRESSION METHOD BASED ON KD TREE AND OPTIMIZED GRAPH TRANSFORMATION**, if the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with the legal requirements of some countries for recordation of this assignment (e.g., 37 C.F.R. § 3.21), ASSIGNOR hereby authorizes insertion of the following application number and filing date after they become known and prior to recordation: Application No. \_\_\_\_\_ filed on \_\_\_\_\_; and which is a national phase entry of PCT/CN2018/081082 filed March 29, 2018; which claims priority to CN 201710628315.4 filed July 28, 2017; and

WHEREAS, PEKING UNIVERSITY SHENZHEN GRADUATE SCHOOL (hereinafter "ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of China, having its principal place of business and mailing address at Peking University Campus, Shenzhen University Town, Lishui Road, Xili Town, Nanshan District Shenzhen, Guangdong Province 518055, P.R. China, is desirous of memorializing its interest therein;

NOW, THEREFORE, the undersigned ASSIGNOR hereby confirms that ASSIGNOR is a full time salaried employee, past employee or a contractor of ASSIGNEE and that ASSIGNOR developed the subject matter of the inventions on ASSIGNEE's time and at the expense of ASSIGNEE and within the scope of ASSIGNOR's duties to ASSIGNEE and thereby ASSIGNOR recognizes that the ASSIGNEE owns the inventions as described in the aforesaid application. Nonetheless to comport with Patent Office procedures, ASSIGNOR memorializes that relationship in the form of this assignment; and

THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the inventions, as described in the aforesaid application, including patent, copyright and any other intellectual property rights, any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT, national stage, or other patent application or like document, or any other application which claims priority to said application, including the rights to sue for all past and future causes of action related to said inventions, in the United States and all foreign countries, together with the right to claim priority under the Paris Convention for the Protection of Industrial Property, International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives, and

HEREBY AGREES to transfer to ASSIGNEE, its successors, assigns and legal representatives, without further remuneration, a like interest in and to any improvements, related new matter, and derivative works, and applications based thereon, growing out of or relating to the inventions; and to provide all reasonable assistance and execute any papers, if accurate,

0034262/0000001

desired by ASSIGNEE, its successors, assigns and legal representatives, to preserve, acquire and/or perfect ASSIGNEE's full protection and title in and to the inventions and any improvements and to file any of the aforementioned applications.

0034262/0000001

**PATENT**  
**REEL: 050050 FRAME: 0797**

EXECUTED as of the date(s) written below by ASSIGNOR:

Inventor: Ge Li

Signature: 

Residence Address: Peking University Campus, Shenzhen University Town, Lishui  
Road, Xili Town, Nanshan District Shenzhen, Guangdong Province  
518055, P.R. China

Date: 2019.6.17

0034262/0000001

EXECUTED as of the date(s) written below by ASSIGNOR:

Inventor: Yiting Shao

Signature: Yiting Shao

Residence Address: Peking University Campus, Shenzhen University Town, Lishui  
Road, Xili Town, Nanshan District Shenzhen, Guangdong Province  
518055, P.R. China

Date: 2019.6.17

0034262/0000001

EXECUTED as of the date(s) written below by ASSIGNEE:

Name & Title: Hengtuo Zheng, IP Manager

Signature: Hengtuo Zheng

Date: 17 June 2019

0034262/0000001