

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JIE TANG	12/24/2018
ZHOU SHAO	12/24/2018
BO GAO	12/24/2018
DEBING LIU	12/24/2018
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16432903
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<b>DATE SIGNED:</b>	06/07/2019
<b>Total Attachments: 2</b>	

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## ASSIGNMENT OF INVENTION

WHEREAS, we, **TANG, Jie**, Qinghuayuan, Haidian District, Beijing 100084, P. R. China; **SHAO, Zhou**, Qinghuayuan, Haidian District, Beijing 100084, P. R. China; **GAO, Bo**, Qinghuayuan, Haidian District, Beijing 100084, P. R. China; and **LIU, Debing**, Qinghuayuan, Haidian District, Beijing 100084, P. R. China, have invented certain new and useful improvements in a **METHOD AND APPARATUS FOR PRECISE POSITIONING OF SCHOLAR BASED ON MINING OF SCHOLAR'S SCIENTIFIC RESEARCH ACHIEVEMENT**, for which an application for Letters Patent in the United States is being filed, claiming priority to Chinese Patent Application No. 201811149733.6 filed on September 29, 2018;

AND WHEREAS, **Tsinghua University**, Qinghuayuan, Haidian District, Beijing 100084, P. R. China, is desirous of acquiring all interest in said invention, said application, and in any Letters Patent which may be granted therefor;

AND WHEREAS, at the time the invention was made, we were under an obligation to assign all of our right, title, and interest in said invention to Tsinghua University.

NOW THIS INDENTURE WITNESSETH, that for the sum of one dollar and other valuable consideration to us in hand paid, the receipt of which is hereby acknowledged, we hereby assign, sell, and transfer unto said Tsinghua University our entire right, title, and interest in said invention, said application, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights, rights under the International Convention For The Protection Of Industrial Property, rights under the Patent Cooperation Treaty, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent to said Tsinghua University as the assignee of the whole right, title, and interest thereto.

And we further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid invention, as the assignee thereof shall hereafter require and prepare at its own expense.

WITNESS, our signature and date of execution:

Tu Tu  
TANG, Jie

Shao Zhou  
SHAO, Zhou

Gao Bo  
GAO, Bo

Lin Debing  
LIU, Debing

12/24/2018  
Date

12/29/2018  
Date

12/24/2018  
Date

12/24/2018  
Date