PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FEI LUO	08/28/2014
LIANQING ZHU	08/28/2014
MINGLI DONG	08/28/2014
WEI HE	08/28/2014
YINMIN ZHANG	08/28/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14503939

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NAME OF SUBMITTER:	TIM TINGKANG XIA
SIGNATURE: /Tim Tingkang Xia/	
DATE SIGNED:	10/01/2014

Total Attachments: 3

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PATENT REEL: 033864 FRAME: 0176

ASSIGNMENT

WHEREAS, we/I, Fei Luo, citizen of the United States, having postal address at 11

Belknap Ter., Winchester, MA, U.S., 01890, and Lianging Zhu, Mingli Dong, Wei He and
Yinmin Zhang, all citizens of P. R. China, having postal address at 12 Xiaoying East Road.

Oinghe, Haidian District, Beijing, China, 100192 (hereinafter "Applicants") have invented new and useful improvements for which we/I filed a U.S. patent application in the United States

Patent and Trademark Office herewith, which is entitled "GAS DETECTION SYSTEM

USING A FIBER LASER WITH DOUBLE-WAVELENGTH COMBINATION HAVING

REFERENCE-CAVITY COMPENSATION FUNCTION" and was assigned U.S. Serial No.

AND WHEREAS, <u>Beijing Information Science & Technology University</u>, having a postal address at <u>12 Xiaoying East Road</u>, <u>Oinghe</u>, <u>Haidian District</u>, <u>Beijing</u>, <u>China</u>, <u>100192</u>, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we/I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisionals, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we/I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

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AND, for the consideration aforesaid, we/I do hereby agree that we/I and our/my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us/me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we/I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us/me and that full right to convey the same as herein expressed is possessed by us/me.

IN TESTIMONY WHEREOF, I have here Angust, 2014.	cunto set my hand this 22 day of
	Fei Luo
IN TESTIMONY WHEREOF, I have here Lagust, 2014.	unto set my hand this 28 day of Lian Jing Zhu Lianging Zhu
IN TESTIMONY WHEREOF, I have here Lugust 2014.	•

Attorney Docket No. 27582-99619

IN TESTIMO	DNY WHEREOF, I ha	we hereunto set my hand this 24 day of
Muguse	, 2014.	
J		Wei He
		Wei He
IN TESTIMO	NY WHEREOF, I ha	we hereunto set my hand this 22 day of
Hugust_	, 2014.	V / .
J		linmin Zhan
		Yinmin Zhang

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