#### 504011514 09/19/2016

#### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MINGJIAN ZHANG	12/11/2014
GUOCONG GUO	12/11/2014
HUIYI ZENG	12/11/2014
XIAOMING JIANG	12/11/2014
YUHANG FAN	12/11/2014
BINWEN LIU	12/11/2014

#### **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15261708

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ATTORNEY DOCKET NUMBER:	52826.3US02
NAME OF SUBMITTER:	GARY J. EDWARDS
SIGNATURE:	/Gary J. Edwards/
DATE SIGNED:	09/19/2016

PATENT 504011514 REEL: 039782 FRAME: 0278

### Total Attachments: 2

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PATENT REEL: 039782 FRAME: 0279

PATENT Docket No.: 52826.3 Customer No.: 000027683

#### ASSIGNMENT

WHEREAS, we,

(1)	Mingjian ZHANG	of Fuzhou, CHINA;
(2)	Guocong GUO	of Fuzhou, CHINA;
(3)	Huiyi ZENG	of Fuzhou, CHINA;
(4)	Xiaoming JIANG	of Fuzhou, CHINA;
(5)	Yuhang FAN	of Fuzhou, CHINA;
(6)	Binwen LIU	of Fuzhou, CHINA;

have invented certain improvements in a

## OPTICAL PARAMETRIC OSCILLATOR AND SECOND HARMONIC GENERATOR USING MONOCLINIC PHASE $Ga_2S_3$ CRYSTAL

and executed a United States patent application filed on <u>December 9, 2014</u>, and assigned application Serial No. 14/565,133.

WHEREAS, we authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.);

WHEREAS, Fujian Institute of Research on the Structure of Matter, Chinese Academy of Sciences ("FIR"), a research institute located at 155 Yangqiao Road West, Fuzhou, 350002, China, desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefore;

NOW, THEREFORE, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby acknowledge our prior existing obligation and hereby sell, assign, transfer to FIR, its successors and assigns, the entire right, title, and interest in the application and invention therein disclosed for the United States and foreign countries, to and under the said improvements, and the said application and all divisionals, renewals, continuing applications thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to FIR, its successors and assigns; and we hereby agree that FIR may apply for foreign Letters Patent on the invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by FIR.

530367

# PATENT Docket No.: 52826.3 Customer No.: 000027683

(1)		
Signed By:	Mingjian ZHANG	Dec. 11, 2014
	Mingjian ZHANG	Date
(2)		
Signed By:	Guocong GUO  Guocong GUO	Dec. 11, 2004
	Guocong G(O)	Date
(3)		
Signed By:	Hairyi Zenz	Dec. 11, 2014
	Huiyi ŻENG	Dec.11, 2014  Date
(4)	왕이 마늘되면 이 한다 얼마 보았다.	
Signed By:	Liarming JIANG	Dec. 11. 2014
(5)	Xiaoming ЛАNG	Date
Signed By:	Yuhang FAN	Dec. 11, 2014
	Yuhang FAN	Date
(6)	- 하늘에 말하고 하면 제 하늘날 하는 제 등을 들었다. - 1. 1. 1일 기를 보고 하는 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
Signed By:	Binwen LIU	Dec. 11, 2014
	Binwen LIU	Date

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