

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WEI MIN	12/21/2015
LU WEI	12/22/2015
ZHIXING CHEN	12/22/2015
FANGHAO HU	12/22/2015
YIHUI SHEN	12/21/2015
RECEIVING PARTY DATA	
Name:	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
Street Address:	412 LOW MEMORIAL LIBRARY
Internal Address:	535 WEST 116TH STREET
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10027
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14974992
CORRESPONDENCE DATA	
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<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>	
Phone:	212-850-2800
Email:	PTONY@andrewskurth.com
Correspondent Name:	ANDREWS KURTH LLP - NEW YORK OFFICE
Address Line 1:	450 LEXINGTON AVENUE
Address Line 4:	NEW YORK, NEW YORK 10017
ATTORNEY DOCKET NUMBER:	239507WOUS01-32883-228151
NAME OF SUBMITTER:	GARY ABELEV
SIGNATURE:	/s/ Gary Abelev
DATE SIGNED:	04/13/2016

Total Attachments: 8

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ASSIGNMENT

WHEREAS, WE,

WEI MIN

916 Undercliff Avenue
Edgewater, New Jersey 07020

Citizenship: People's Republic of China

LU WEI

128 South Linghu Road, Apt. 406
Anqing Teacher's College Anqing
Anhui, China 246011

Citizenship: People's Republic of China

ZHIXING CHEN

Qingta East Lane #7, Unit 1 301
Fengtai, China 100039

Citizenship: People's Republic of China

FANGHAO HU

501 West 121st Street, Apt. 32C
New York, New York 10027

Citizenship:

YIHUI SHEN

Room 206, Bldg. 3
Jinxihuayuan Zhenjiang
Jiangsu, China 212000

Citizenship:

have made an invention entitled "DEVICES, COMPOSITIONS AND METHODS FOR IMAGING WITH RAMAN SCATTERING", as set forth and described in the U.S. Continuation-In-Part Application to be filed herewith, based on International Application No. PCT/US2014/042936 filed June 18, 2014, which claims the benefit of U.S. Provisional Application No. 62/112,906 filed on February 6, 2015, U.S. Provisional Application No. 61/946,296 filed on February 28, 2014 and U.S. Provisional Application No. 61/836,235 filed June 18, 2013; and

WHEREAS, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, a not-for-profit organization having an office for the transaction of business at 412 Low Memorial Library, 535 West 116th Street, New York, New York 10027, is desirous of acquiring our entire right, title and interest in and to said invention, and in and to the said application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the WEI MIN, LU WEI, ZHIXING CHEN, FANGHAO HU and YIHUI SHEN for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, and other valuable considerations unto us moving from said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, at or before the ensembling and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, its successors and assigns, the entire right, title and interest in and to the said invention entitled "DEVICES, COMPOSITIONS AND METHODS FOR IMAGING WITH RAMAN SCATTERING", as set forth and described in the U.S. Continuation-In-Part Application to be filed herewith, based on International Application No. PCT/US2014/042936 filed June 18, 2014, which claims the benefit of U.S. Provisional Application No. 62/112,906 filed on February 6, 2015, U.S. Provisional Application No. 61/946,296 filed on February 28, 2014 and U.S. Provisional Application No. 61/836,235 filed June 18, 2013, and in and to said application and any application claiming priority therefrom, and any non-provisional application, division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention, including all priority rights under the Paris Convention, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said WEI MIN, LU WEI, ZHIXING CHEN, FANGHAO HU and YIHUI SHEN, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, its successors and assigns;

AND WE, the said WEI MIN, LU WEI, ZHIXING CHEN, FANGHAO HU and YIHUI SHEN, for the considerations aforesaid, do hereby covenant and agree to and with said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney,

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assignments, and other documents which, in the opinion of counsel for said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, its successors and assigns, may be required or necessary to more effectively secure to and vest in said THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, its successors and assigns, the entire right, title and interest in and to said invention, applications, Letters Patent, rights, benefits, privileges and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention.

IN WITNESS WHEREOF, WEI MIN, LU WEI, ZHIXING CHEN, FANGHAO HU and YIHUI SHEN, have hereunto set our hands and seals on the date below written.

PATENT

REEL: 038427 FRAME: 0622

12/21/2015
Date

Wei Min
WEI MIN

Witness 1

Name : Lixue Shi

Signature : [Signature]

Date: 12/22/2015

Witness 2

Name : Wei Jian Yang

Signature : [Signature]


Date: 12/22/2015

12/22/2015
Date


LU WEI

Witness 1

Name: Lixue Shi

Signature: 

Date: 12/22/2015

Witness 2

Name: Wei Jian Yang

Signature: 

Date: 12/22/2015



12-22-2015
Date

Zhixing Chen
ZHIXING CHEN

Witness 1

Name: Wei Jian Yang

Signature: WJ

Date: 12/22/2015

Witness 2

Name: Lixue Shi


Signature: LS

Date: 12/22/2015

Docket No. 239507.WO-US.01-32883-228151

12/22/15

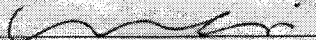
Date



FANGHAO HU

Witness 1


Name: Lixue Shi

Signature: 

Date: 12/22/2015

Witness 2

Name: Wei Jian Yang

Signature: 

Date: 12/22/2015

PATENT

REEL: 038427 FRAME: 0626

12/21/2015
Date

Yihui Shen
YIHUI SHEN

Witness 1

Name: Lixue Shi

Signature: [Signature]

Date: 12/22/2015

Witness 2

Name: Wei Jian Yang

Signature: [Signature]

Date: 12/22/2015

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