502199144 01/17/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hao Zhang	07/19/2012

RECEIVING PARTY DATA

Name:	Northwestern University		
Street Address:	633 Clark Street		
City:	Evanston		
State/Country:	ILLINOIS		
Postal Code:	60208		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13524813	

CORRESPONDENCE DATA

Fax Number: 4142770656

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 4142716560

Email: mkeipdocket@michaelbest.com
Correspondent Name: Michael Best & Friedrich LLP
Address Line 1: 100 East Wisconsin Avenue

Address Line 2: Suite 3300

Address Line 4: Milwaukee, WISCONSIN 53202-4108

ATTORNEY DOCKET NUMBER: 029680-9002-US02 KPR

NAME OF SUBMITTER: Kevin P. Rizzuto

Total Attachments: 1

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OP \$40.00

PATENT REEL: 029651 FRAME: 0087

ASSIGNMENT

WHEREAS, I, Hao Zhang, hereinafter referred to as "ASSIGNOR," have invented certain new and useful improvements as described and set forth in the below-identified applications:

Associated NU IP Number: 2011-101-02

Invention Title: Optical Coherence Photoacoustic Microscopy

Patent Application Title: OPTICAL COHERENCE PHOTOACOUSTIC MICROSCOPY

Filing Date: June 15, 2012 Serial No.: 13/524,813

Associated NU IP Number: 2011-101-03

Invention Title: Optical Coherence Photoacoustic Microscopy

Patent Application Title: OPTICAL COHERENCE PHOTOACOUSTIC MICROSCOPY Filing Date: June 15, 2012 Serial No.: PCT/US2012/042724

WHEREAS, Northwestern University, an Illinois not-for-profit corporation, having a place of business at 633 Clark Street, Evanston, Illinois 60208, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, any PCT applications, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNOR further agree that ASSIGNOR will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNOR have hereunto signed ASSIGNOR'S name to this Assignment on the date indicated below.

, me e e			07/19/	2)05		
Hao Zhang			DATE			
STATE OF	Illmois)				
COUNTY (of Cook) ss.)				
undersigned to me on the	Notary Public or W	itness, personally evidence) to be	appeared the ab the person(s) wh	in the yove-named ASSIGNOF tose names are/is subscr	R OR ASSIGNOR, kno	wn to me (or prover
SEAL	Offic Dins / Notary Publi	COOCOCC izi Seal If Walters C State of Illinois Expires 04/14/201		NOTARY PUBL MY COMMISSIO	IC or WITNESS ON EXPIRES: 4	4/2015

PATENT REEL: 029651 FRAME: 0088

RECORDED: 01/17/2013