

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Xiaodong Yang	09/22/2006
Chee Wei Wong	09/22/2006
RECEIVING PARTY DATA	
Name:	The Trustees of Columbia University in the City of New York
Street Address:	110 Low Memorial Library, 535 West 116th Street
City:	New York
State/Country:	NEW YORK
Postal Code:	10027
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12392634
CORRESPONDENCE DATA	
Fax Number:	(212)953-7201
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	alexander.kuruvilla.marilyn@dorsey.com
Correspondent Name:	Dorsey & Whitney LLP
Address Line 1:	250 Park Avenue
Address Line 4:	New York, NEW YORK 10177
ATTORNEY DOCKET NUMBER:	191293/US/3 - 486328-21
NAME OF SUBMITTER:	Gary Abelev, Esq.
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REEL: 022683 FRAME: 0615

ASSIGNMENT

WHEREAS, we, Xiaodong Yang, residing at 423 W. 125th Street, Apt. 8, New York, NY 10027 USA, and Chee Wei Wong, residing at 560 Riverside Drive, Apt. 11F, New York, NY 10027 USA (collectively the "Assignors") are the inventors of a certain new and useful invention and discovery, for which a patent application entitled "ALL-SILICON RAMAN AMPLIFIERS AND LASERS BASED ON MICRORING RESONATORS" was filed with the United States Patent and Trademark Office on February 15, 2006 as U.S. Patent Application No. 11/354,725 ("the Application").

WHEREAS, The Trustees of Columbia University in the City of New York, existing under the laws of the State of New York, having its principal office at 110 Low Memorial Library, 535 West 116th Street, New York, NY 10027, which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignors hereby assign to Assignee all of Assignors' right, title and interest in and to the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any applications and/or patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including utility applications, divisionals, continuations, continuations-in-part, international applications and/or any foreign regional and/or national applications), or any application based in whole or in part on any of the foregoing.

Assignors agree that such Assignors and Assignors' heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignors relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Assignors further agree that such Assignors will, without further compensation to Assignors during the term of such Assignors' employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations

Assignment

Attorney Docket No.: 19240.357-US2

U.S. Patent Application No.: 11/354,725

and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 22 day of 8/2006 (Month-Year)

Xiaodong Yang

Xiaodong Yang

On this 22nd day of September 2006 (Month/Year), Xiaodong Yang, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

WITNESS:

Printed Name: Chad Huxley

Residential Address: 600 Riverside Dr Apt 143
NY, NY 10027

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 22 day of 9/2006 (Month-Year)

Chee Wei Wong

Chee Wei Wong

On this 22nd day of SEPTEMBER 2006 (Month/Year), Chee Wei Wong, personally known to me to be the same individual who executed the foregoing Assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

WITNESS:

Printed Name: ROHIT CHATTERJEE

Residential Address: 435 W, 119th STREET, #9A1,
NEW YORK, NY - 10027