

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3610036

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RUI Q. YANG	08/03/2015
ZHAOBING TIAN	08/05/2015
LU LI	08/03/2015
MICHAEL B. SANTOS	08/04/2015
MATTHEW B. JOHNSON	08/03/2015
YUCHAO JIANG	08/03/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA
<b>Street Address:</b>	660 PARRINGTON OVAL
<b>Internal Address:</b>	ROOM 119
<b>City:</b>	NORMAN
<b>State/Country:</b>	OKLAHOMA
<b>Postal Code:</b>	73019
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14630358
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)731-2289
<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>	
<b>Phone:</b>	972-731-2288
<b>Email:</b>	dallaspatents@dfw.conleyrose.com
<b>Correspondent Name:</b>	GRANT RODOLPH C/O CONLEY ROSE, P.C.
<b>Address Line 1:</b>	5601 GRANITE PARKWAY
<b>Address Line 2:</b>	SUITE 500
<b>Address Line 4:</b>	PLANO, TEXAS 75024
<b>ATTORNEY DOCKET NUMBER:</b>	4313-00401 (12NOR009)
<b>NAME OF SUBMITTER:</b>	GRANT RODOLPH
<b>SIGNATURE:</b>	/Grant Rodolph/
<b>DATE SIGNED:</b>	11/10/2015

PATENT

**Total Attachments: 5**

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ASSIGNMENT

WHEREAS, the Undersigned have invented certain new and useful improvements entitled: TUNABLE SEMICONDUCTOR LASERS, for which application for United States Letters Patent has been made, said application having been filed with the United States Patent and Trademark Office on February 24, 2015; and assigned Docket No. 4313-00401, U.S. Serial No. 14/630,358

WHEREAS, The Board of Regents of the University of Oklahoma , a constitutional state entity of the State of Oklahoma, United States of America located at 660 Parrington Oval, Room 119, Norman, Oklahoma 73019 (hereinafter referred to an "ASSIGNEE"), desires to acquire the Undersigned's entire right, title and interest in and to the invention, and in and to said application and any Letters Patent or similar legal protection that may issue thereon in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: in consideration of the receipt of good and valuable consideration, which is hereby acknowledged, and in reliance on the Intellectual Property Policy of the Board of Regents of the University of Oklahoma, adopted December 9, 1999 as amended from time to time, a copy of which is attached hereto as Exhibit A and made a part hereof, the Undersigned has assigned and transferred, and by these present does assign and transfer unto said ASSIGNEE, the full, entire, and exclusive right, title, and interest to the invention in the United States and its territorial possessions and in all foreign countries, in and to any and all improvements which are and/or will be disclosed in the application for United States Letters Patent, U.S. Serial No. 14/630,358 filed February 24, 2015 and in and to said application and all applications that claim priority to said U.S. Serial No. 14/630,358 and all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all utility models, industrial models, certificates of invention, and designs on said improvements.

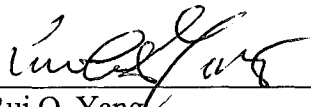
The Undersigned acknowledge and agree that said ASSIGNEE may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said ASSIGNEE, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the Undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications, and all other like rights of exclusion in any country on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to said ASSIGNEE, its successors, assigns and representatives, all facts known to the Undersigned relating to said improvements and the history thereof; and generally do everything possible which said ASSIGNEE, its successors, assigns and representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and vesting title to said improvements and all applications for patents and all patents on said improvements, in said ASSIGNEE, its successors, assigns and legal representatives.


The Undersigned agree that they will upon request of ASSIGNEE, render prompt assistance and cooperation in the prosecution of legal proceedings involving said improvements, said applications and patents granted thereon, including reexaminations, reissues, interferences, priority contests, public use proceedings and court proceedings, and testify in such proceedings if requested, provided, however, that the expense which may be incurred by the Undersigned in lending such assistance and cooperation be paid by ASSIGNEE.

The Undersigned covenant with said ASSIGNEE, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the Undersigned, except as set forth below, and that full right to convey the same as herein expressed is possessed by the Undersigned.

This assignment shall be binding on the heirs and legal representatives of the Undersigned.

Full name of first inventor: Rui Q. Yang  
Residence Address: 2014 Hallbrooke Court  
Norman, Oklahoma 73071  
Citizenship: US

  
\_\_\_\_\_  
Rui Q. Yang

  
\_\_\_\_\_  
(Date)

Full name of second inventor: Zhaobing Tian  
Residence Address: 1419 Girard Boulevard NE #6  
Albuquerque, New Mexico 87106  
Citizenship: China

\_\_\_\_\_

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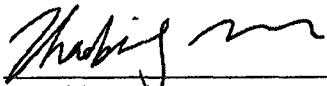
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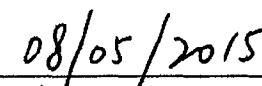
Full name of first inventor: Rui Q. Yang  
Residence Address: 2014 Hallbrooke Court  
Norman, Oklahoma 73071  
Citizenship: US

\_\_\_\_\_  
Rui Q. Yang

\_\_\_\_\_  
(Date)

Full name of second inventor: Zhaobing Tian  
Residence Address: 1419 Girard Boulevard NE #6  
Albuquerque, New Mexico 87106  
Citizenship: China

  
\_\_\_\_\_  
Zhaobing Tian

  
\_\_\_\_\_  
(Date)

Zhaobing Tian (Date)  
Full name of third inventor: Lu Li

Residence Address: 322 Page Street, Apartment 10C  
Norman, Oklahoma 73069

Citizenship: China

Li Li  
Lu Li

8/3/2015  
(Date)

Full name of fourth inventor: Michael B. Santos

Residence Address: 936 Pinebrooke Court  
Norman, Oklahoma 73072


Citizenship: US


Michael B. Santos  
Michael B. Santos

8/4/2015  
(Date)

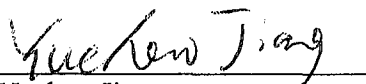
Atty. Docket No.: 4313-00401

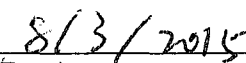
Full name of fifth inventor: Matthew B. Johnson  
Residence Address: 535 East Boyd Street  
Norman, Oklahoma 73071  
Citizenship: Canada

  
Matthew B. Johnson

  
\_\_\_\_\_  
(Date)

Full name of sixth inventor: Yuchao Jiang  
Residence Address: 401 Wadsack Drive, Apartment E  
Norman, Oklahoma 73073  
Citizenship: China

  
Yuchao Jiang

  
\_\_\_\_\_  
(Date)