

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5948805

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the RECEIVING PARTY DATA TO INCLUDE THE 2ND ASSIGNEE "WEIHUA GUO" THAT WAS MISSING IN THE COVER SHEET previously recorded on Reel 051382 Frame 0191. Assignor(s) hereby confirms the SALE, ASSIGNMENT, AND TRANSFER.

CONVEYING PARTY DATA

Name	Execution Date
WEIHUA GUO	12/23/2019
CAN LIU	12/23/2019
PENGFEI ZHANG	12/23/2019
QIAOYIN LU	12/23/2019

RECEIVING PARTY DATA

Name:	HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
Street Address:	NO. 1037 LUOYU ROAD, HONGSHAN DISTRICT
City:	WUHAN
State/Country:	CHINA
Postal Code:	430074
Name:	WEIHUA GUO
Street Address:	NO. 1037 LUOYU ROAD, HONGSHAN DISTRICT
City:	WUHAN
State/Country:	CHINA
Postal Code:	430074

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16729322

CORRESPONDENCE DATA

Fax Number: (888)259-9223

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.

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Email: USPTORECEIPT@GMAIL.COM

Correspondent Name: MATTHIAS SCHOLL

Address Line 1: 1321 UPLAND DR

Address Line 2: SUITE 1319

Address Line 4: HOUSTON, TEXAS 77043

PATENT

ATTORNEY DOCKET NUMBER:	WHHG-00402-UUS
NAME OF SUBMITTER:	SUZANNE SCHOLL
SIGNATURE:	/Suzanne Scholl/
DATE SIGNED:	02/06/2020

Total Attachments: 5

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5887109

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WEIHUA GUO	12/23/2019
CAN LIU	12/23/2019
PENGFEI ZHANG	12/23/2019
QIAOYIN LU	12/23/2019
RECEIVING PARTY DATA	
Name:	HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
Street Address:	NO. 1037 LUOYU ROAD, HONGSHAN DISTRICT
City:	WUHAN
State/Country:	CHINA
Postal Code:	430074
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16729322
CORRESPONDENCE DATA	
Fax Number:	(888)259-9223
<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:	888-259-9211 X2330
Email:	USPTORECEIPT@GMAIL.COM
Correspondent Name:	MATTHIAS SCHOLL
Address Line 1:	1321 UPLAND DR.
Address Line 2:	SUITE 1319
Address Line 4:	HOUSTON, TEXAS 77043
ATTORNEY DOCKET NUMBER:	WHHG-00402-UUS
NAME OF SUBMITTER:	SUZANNE SCHOLL
SIGNATURE:	/Suzanne Scholl/
DATE SIGNED:	12/28/2019
Total Attachments: 4	
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ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

Attorney Docket Number	WHHG-00402-UUS
Title of Invention	SURFACE-EMMITING LASER COMPRISING SURFACE GRATINGS
<p>WHEREAS, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed invention in the application identified by the title above.</p> <p>WHEREAS, Huazhong University of Science and Technology having a postal address of: No.1037, Luoyu Rd, Hongshan District, Wuhan, Hubei,China, 430074 and Weihua GUO having a postal address of: No.1037, Luoyu Rd, Hongshan District, Wuhan, Hubei,China, 430074 (referred to as ASSIGNEES below) desire to acquire the entire right, title, and interest in and to the same in the United States in equal and undivided amounts.</p> <p>NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto said ASSIGNEES, for each to hold in an equal and undivided amount, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.</p> <p>ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of said ASSIGNEES in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEES' expense, to identify and communicate to ASSIGNEES at ASSIGNEES' request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of said ASSIGNEES that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.</p> <p>ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to said ASSIGNEES, as the ASSIGNEES of the entire right, title and interest in and to the same, each holding an equal and undivided amount, for the ASSIGNEES' sole use and behoof, and for the use and behoof of said ASSIGNEES' legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.</p> <p>ASSIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.</p>	
LEGAL NAME OF ASSIGNOR	
Assignor: <u>Weihua GUO</u>	Date: <u>12/23/2019</u>
Signature: <u><i>Weihua Guo</i></u>	

ASSIGNMENT BY INVENTOR(S) OF U.S. PATENT APPLICATION

Attorney Docket Number	WHHG-00402-UUS
Title of Invention	SURFACE-EMMITING LASER COMPRISING SURFACE GRATINGS
<p>WHEREAS, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed invention in the application identified by the title above.</p> <p>WHEREAS, Huazhong University of Science and Technology</p> <p>having a postal address of: No.1037, Luoyu Rd, Hongshan District, Wuhan, Hubei,China, 430074</p> <p>and</p> <p style="padding-left: 40px;">Weihua GUO</p> <p>having a postal address of: No.1037, Luoyu Rd, Hongshan District, Wuhan, Hubei,China, 430074</p> <p>(referred to as ASSIGNEES below) desire to acquire the entire right, title, and interest in and to the same in the United States in equal and undivided amounts:</p> <p>NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto said ASSIGNEES, for each to hold in an equal and undivided amount, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.</p> <p>ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of said ASSIGNEES in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEES' expense, to identify and communicate to ASSIGNEES at ASSIGNEES' request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of said ASSIGNEES that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.</p> <p>ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to said ASSIGNEES, as the ASSIGNEES of the entire right, title and interest in and to the same, each holding an equal and undivided amount, for the ASSIGNEES' sole use and behoof; and for the use and behoof of said ASSIGNEES' legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.</p> <p>ASSIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.</p>	
LEGAL NAME OF ASSIGNOR	
Assignor: <u> Qiaoyin LU </u>	Date: <u> 12/23/2019 </u>
Signature: <u>  </u>	