

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4522230

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ninghua Zhu	07/10/2017
Jianguo Liu	07/10/2017
Jinjin Guo	07/10/2017
Wei Chen	07/10/2017
RECEIVING PARTY DATA	
Name:	INSTITUTE OF SEMICONDUCTORS, CHINESE ACADEMY OF SCIENCES
Street Address:	NO. 35A, QINGHUA DONG LU
Internal Address:	HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100083
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15497107
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<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:	(858) 678-5070
Email:	apsi@fr.com
Correspondent Name:	WILLIAM E. HUNTER
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	39564-0003001
NAME OF SUBMITTER:	NANCY GRANT
SIGNATURE:	/Nancy Grant/
DATE SIGNED:	07/26/2017
Total Attachments: 2	

source=39564-0003001_SignedAssignment#page1.tif

source=39564-0003001_SignedAssignment#page2.tif

ASSIGNMENT

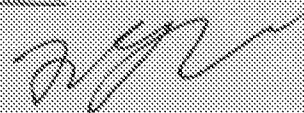
For valuable consideration, we, NINGHUA ZHU, JIANGUO LIU, JINJIN GUO, and WEI CHEN, hereby assign to: Institute of Semiconductors, Chinese Academy of Sciences, a corporation having a place of business at: No. 35A, Qinghua Dong Lu, Haidian District, Beijing 100083, P.R. China; and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled HIGH SPEED SEMICONDUCTOR LASER WITH A BEAM EXPANDING STRUCTURE, filed April 25, 2017, and assigned U.S. Serial Number 15/497,107, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; this assignment also including any rights outstanding in the priority Chinese application number 201610265119.0, filed April 26, 2016, and the right to claim priority based on the filing date of the priority Chinese application, and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: July 10, 2017


NINGHUA ZHU

ASSIGNMENT

Date: July 10, 2017



JIANGUO LIU

Date: July 10, 2017

JINJIN GUO

JINJIN GUO

Date: July 10, 2017



WEI CHEN