

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8246624

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WEN-QING XU	03/07/2017
CHAO LIU	03/07/2017
GIOVANNI BARBAROSSA	03/07/2017
THOMAS E ANDERSON	03/07/2017
ELGIN E EISSLER	03/07/2017
RECEIVING PARTY DATA	
Name:	II-VI INCORPORATED
Street Address:	375 SAXONBURG BOULEVARD
City:	SAXONBURG
State/Country:	PENNSYLVANIA
Postal Code:	16056
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17655475
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	150287-04101
NAME OF SUBMITTER:	JUDY YEDDO
SIGNATURE:	/Judy Yeddo/
DATE SIGNED:	10/29/2023
Total Attachments: 7	
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Application No. 15/450,110

Attorney Docket No. 4386-1700594

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

SUBSTRATE COMPRISING A LAYER OF SILICON AND A LAYER OF DIAMOND
HAVING AN OPTICALLY FINISHED (OR A DENSE) SILICON-DIAMOND
INTERFACE

(Invention Title)

☐ for which a United States Provisional Patent application was filed on _____ (mm/dd/yyyy)
and bears Application Number _____ (hereinafter "said application").

AND/OR

☐ for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

☒ for which an application for a United States Patent was filed on 03/06/2017 (mm/dd/yyyy)
and bears Application Number 15/450,110 (hereinafter "said application").

AND/OR

☐ for which an international patent application was filed under the Patent Cooperation Treaty
on _____ (mm/dd/yyyy), bearing Application No. _____ (hereinafter
"said application").

AND, WHEREAS, II-VI Incorporated, a corporation of Pennsylvania, having a place of business at 375 Saxonburg Boulevard, Saxonburg, PA 16056, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisionals, non-provisionals, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me,

Application No. 15/450,110

Attorney Docket No. 4386-1700594

testify in any legal proceedings, sign all lawful papers, execute all divisional, non-provisional reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR:

RESIDENCE:

Wen-Qing Xu

Medfield, MA

EXECUTED this 7th day of March, 2017

W3 Xu
SIGNATURE

WITNESS:

Donna Crisp
Name:

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☒ Checked Box indicates 5 additional page(s).

Application No. 15/450,110

Attorney Docket No. 4386-1700594

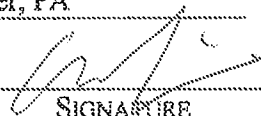
2. FULL NAME OF ASSIGNOR:

Chao Liu

RESIDENCE:

Butler, PA

EXECUTED this 7<sup>th</sup> day of March, 2017

  
SIGNATURE

WITNESS:

Denise B. Craven

Name:

Application No. 15/450,110

Attorney Docket No. 4386-1700594

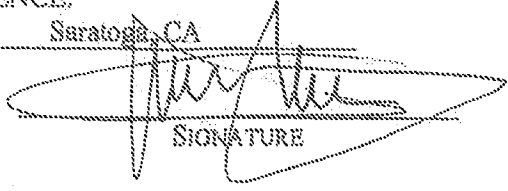
3. FULL NAME OF ASSIGNOR:

RESIDENCE:

Giovanni Barbarossa

Saratoga, CA

EXECUTED this 7<sup>th</sup> day of March, 2017

  
SIGNATURE

WITNESS:

Donna Crisgo  
Name:

Application No. 15/450,110

Attorney Docket No. 4386-1700594

4. FULL NAME OF ASSIGNOR:

Thomas E. Anderson

RESIDENCE:

Convent Station, NJ

EXECUTED this 7 day of March, 2017

TAM E. ANDERSON  
SIGNATURE

WITNESS:

Donna Crisp  
Name:

Application No. 15/450,110

Attorney Docket No. 4386-1700594

5. FULL NAME OF ASSIGNOR:

RESIDENCE:

Elgin E. Eissler

Renfrew, PA

EXECUTED this 7 day of March, 2017

  
SIGNATURE

WITNESS:

Denise K. Craven  
Name:



Application No. 15/450,110

Attorney Docket No. 4386-1700594

Acknowledgement of this Assignment is made by/on behalf of the Assignee:

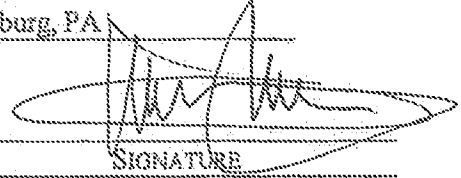
NAME OF ASSIGNEE:

PLACE OF BUSINESS:

II-VI Incorporated

Saxonburg, PA

EXECUTED this 7<sup>th</sup> day of March, 2017



SIGNATURE

Name:

Title:

WITNESS:

Donna Crispo

Name: