

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4413970

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:	15450110
CORRESPONDENCE DATA	
Fax Number:	(412)471-4094
<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>	
Email:	assignments@webblaw.com
Correspondent Name:	THE WEBB LAW FIRM, P.C.
Address Line 1:	ONE GATEWAY CENTER
Address Line 2:	420 FORT DUQUESNE BLVD, SUITE 1200
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15222
ATTORNEY DOCKET NUMBER:	4386-1700594
NAME OF SUBMITTER:	RANDALL A. NOTZEN, REG NO. 36,882
SIGNATURE:	/Randall A Notzen/
DATE SIGNED:	05/15/2017
Total Attachments: 8 source=Assignment#page1.tif	

source=Assignment#page2.tif
source=Assignment#page3.tif
source=Assignment#page4.tif
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source=Assignment#page8.tif

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Wen-Qing Xu Elgin E. Eissler
Chao Liu
Giovanni Barbarossa
Thomas E. Anderson

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: II-VI Incorporated

Internal Address: _____

Street Address: 375 Saxonburg Boulevard

City: Saxonburg

State: Pennsylvania

Country: U.S. Zip: 16056

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 7, 2017

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

15/450,110

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Richard L. Byrne

Internal Address: The Webb Law Firm

Street Address: One Gateway Center

420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Docket Number: 4386 - 1700594

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

/Randall A Notzen/

May 15, 2017

Signature

Date

Randall A. Notzen, Reg. No. 36,882

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

8

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 042379 FRAME: 0640

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

W-Q Xu
SIGNATURE

WITNESS:

Donna Crisp
Name:

Checked Box indicates 5 additional page(s).

Application No. 15/450,110

Attorney Docket No. 4386-1700594

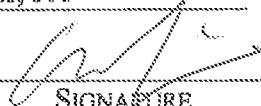
2. FULL NAME OF ASSIGNOR:

Chao Liu

RESIDENCE:

Butler, PA

EXECUTED this 7th 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:

Giovanni Barbarossa

RESIDENCE:

Saratoga, CA

EXECUTED this 7th day of March, 2017



SIGNATURE

WITNESS:

Donna Crispo
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 1 day of March, 2017



SIGNATURE

WITNESS:

Donna Crisaf
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:

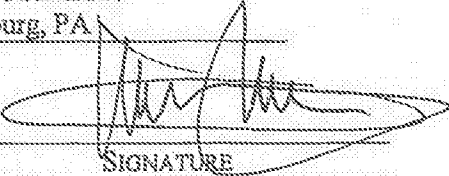
NAME OF ASSIGNEE:

II-VI Incorporated

PLACE OF BUSINESS:

Saxonburg, PA

EXECUTED this 7th day of March, 2017



A handwritten signature in black ink, appearing to be "M. Crisp", is written over a horizontal line. The signature is enclosed within a large, hand-drawn oval.

SIGNATURE

Name:

Title:

WITNESS:

Donna Crisp
Name: