502834526 06/03/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2881122

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
DAVID L. ADLER	04/24/2014
THOMAS ANTHONY CASE	04/23/2014
WENBING YUN	06/02/2014

### **RECEIVING PARTY DATA**

Name:	CARL ZEISS X-RAY MICROSCOPY, INC.
Street Address:	4385 HOPYARD ROAD
Internal Address:	SUITE 100
City:	PLEASANTON
State/Country:	CALIFORNIA
Postal Code:	94588

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	13373554

### **CORRESPONDENCE DATA**

**Fax Number:** (781)863-9931

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.

**Phone:** 7818639991

**Email:** jason.dimedio@houstonllp.com

Correspondent Name: J. GRANT HOUSTON

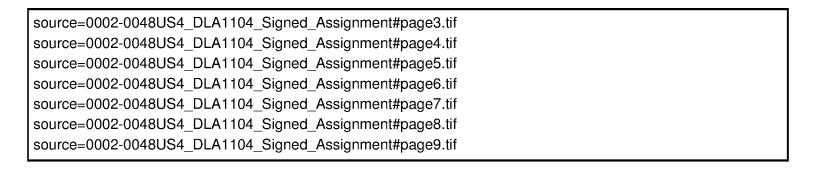
Address Line 1: HOUSTON & ASSOCIATES, LLP
Address Line 2: 420 BEDFORD STREET SUITE 155
Address Line 4: LEXINGTON, MASSACHUSETTS 02420

ATTORNEY DOCKET NUMBER:	0002.0048US4 (DLA1104)
NAME OF SUBMITTER:	J. GRANT HOUSTON
SIGNATURE:	/grant houston/
DATE SIGNED:	06/03/2014

### **Total Attachments: 9**

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PATENT 502834526 REEL: 033013 FRAME: 0976



# ATTORNEY DOCKET: 0002.0048US4 (DLA1104)

## ASSIGNMENT

Whereas we, the undersigned,

David L. Adler, a citizen of the United States, residing at 6060 Guadalupe Mines Ct., San Jose, CA 95120;

Wenbing Yun, a citizen of the United States, residing at 2812 Filbert Drive, Walnut Creek, CA 94598;

Thomas Anthony Case, a citizen of the United States, residing at 1042 Leroy Lane, Walnut Creek, CA 94597;

hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled

# X-RAY SOURCE WITH INCREASED OPERATING LIFE

identified as Attorney Docket No. 0002.0048US4 (DLA1104), which application was filed on November 18, 2011 and assigned Application No. 13/373,554; and

Whereas, CARL ZEISS X-RAY MICROSCOPY, INC., having an office and a place of business at 4385 Hopyard Road, Suite 100, Pleasanton, California 94588, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

- 1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, reissue and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, together with the right of priority of earlier-filed U.S. Application No. 13/066,679 filed on April 21, 2011, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
- 5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment on the date indicated next to our name.

Dated: 4-24-14	Della
	David L. Adler
I declare that I did see the above-	named
individual sign this document in r	my presence.
Witness: h	Date: 4-24-14

# PATENT ATTORNEY DOCKET: 0002.0048US4 (DLA1104)

	Wenbing Yun	
	I declare that I did see the above-named individual sign this document in my presence.	
Witness:	Date:	
vated:		
Pated:	Thomas Anthony Case	
Pated:		

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- 2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

- 3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
- 4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
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Witness:		Date:	
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Dated:			
	Wenbing Yun		
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Witness:	Date:		
W. N.	***************************************		
Dated: <u>4/23/14</u>	Thomas Anthony Case		
	at I did see the above-named ign this document in my presence.  M. W. Zay Date: 4/23/2014		

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