

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3421631

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DIETRICH HO	09/29/2010
ELIZABETH BEGIN	07/11/2010
OREN LEVY	06/17/2015
JASON SPROUL	06/16/2015
STAN THOMAS	06/26/2015
RECEIVING PARTY DATA	
Name:	VOLCANO CORPORATION
Street Address:	3721 VALLEY CENTRE DRIVE
Internal Address:	SUITE 500
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92130
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	13679688
Application Number:	13665470
Application Number:	61553772
Application Number:	61553789
CORRESPONDENCE DATA	
Fax Number:	(214)200-0853
<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:	9727398641
Email:	paula.cunningham@haynesboone.com
Correspondent Name:	HAYNES AND BOONE LLP
Address Line 1:	2323 VICTORY AVENUE
Address Line 2:	SUITE 700
Address Line 4:	DALLAS, TEXAS 75219
ATTORNEY DOCKET NUMBER:	44755.1011/01-0151-US1T
NAME OF SUBMITTER:	GREGORY P. WEBB

PATENT

SIGNATURE:	/Greg Webb/
DATE SIGNED:	07/01/2015
Total Attachments: 15 source=Fully Executed Assignment and Agreements#page1.tif source=Fully Executed Assignment and Agreements#page2.tif source=Fully Executed Assignment and Agreements#page3.tif source=Fully Executed Assignment and Agreements#page4.tif source=Fully Executed Assignment and Agreements#page5.tif source=Fully Executed Assignment and Agreements#page6.tif source=Fully Executed Assignment and Agreements#page7.tif source=Fully Executed Assignment and Agreements#page8.tif source=Fully Executed Assignment and Agreements#page9.tif source=Fully Executed Assignment and Agreements#page10.tif source=Fully Executed Assignment and Agreements#page11.tif source=Fully Executed Assignment and Agreements#page12.tif source=Fully Executed Assignment and Agreements#page13.tif source=Fully Executed Assignment and Agreements#page14.tif source=Fully Executed Assignment and Agreements#page15.tif	

ASSIGNMENT

WHEREAS, WE,

1. Dietrich Ho of Mountain View, CA U.S.,
2. Elizabeth Begin of Billerica, MA, U.S.,
3. Oren Levy of Emerald Hills, CA, U.S.,
4. Jason Sproul of Watertown, MA, US,
5. Stan Thomas, Palo Alto, CA, U.S.

have invented certain improvements in **DEVICES, SYSTEMS, AND METHODS FOR CONTROLLING FIELD OF VIEW IN IMAGING SYSTEMS** (collectively the “**INVENTIONS**”) for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, Volcano Corporation (hereinafter “**ASSIGNEE**”), a corporation organized and existing under the laws of Delaware, having its principal office and place of business in San Diego, California, desires to acquire or otherwise obtain the entire right, title, and interest in and to said **INVENTIONS**, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, in the United States of America and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said **INVENTIONS**, including all patent applications therefor that may have been filed or may be filed hereafter for said **INVENTIONS** in the United States, including but not limited to U.S. Application No(s). 13/679,688 filed November 16, 2012 Assignee Reference No. 01-0151-US1T1, U.S. Application No. 13/665,470 filed October 31, 2012, Assignee Reference No. 01-0151-US1, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). 61/553,772, filed October 31, 2012, Assignee Reference No. 01-0151-PRO, and U.S. Provisional Application No. 61/553,789, filed October 31, 2011, Assignee Ref. No. 01-0151-PRO2, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said **INVENTIONS**, including all inventions related thereto or thereof, and all patent applications

therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Date: _____

Dietrich Ho

Date: _____

Witness Signature

Witness Name: _____

Date: _____

Elizabeth Begin

Date: _____

Witness Signature

Witness Name: _____

Date: _____

Oren Levy

Date: _____

Witness Signature

Witness Name: _____

Date: _____

Jason Sproul

Date: _____

Witness Signature

Witness Name: _____

Date: 6/26/15

Stan Thomas

Stan Thomas

Date: 6/26/15

Heather Thomas

Witness Signature

Heather Thomas

Witness Name: _____

15231232_1

ASSIGNMENT

WHEREAS, WE,

1. Jason Sproul of Watertown, MA, US,
2. Oren Levy of Emerald Hills, CA, U.S.,
3. Elizabeth Begin of Billerica, MA, U.S., and
4. Dietrich Ho of Mountain View, CA U.S.,

have invented certain improvements in **DEVICES, SYSTEMS, AND METHODS FOR CONTROLLING FIELD OF VIEW IN IMAGING SYSTEMS** (collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and

WHEREAS, Volcano Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of Delaware, having its principal office and place of business in San Diego, California, desires to acquire or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, including all inventions related thereto or thereof, all patent applications therefor, and all patents that have granted or may be granted hereafter thereon, in the United States of America and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in the United States, including but not limited to U.S. Application No(s). 13/679,719 filed November 16, 2012 Assignee Reference No. 01-0151-US2, U.S. Application No. 13/665,470 filed October 31, 2012, Assignee Reference No. 01-0151-US1, and all provisional applications relating thereto, together with U.S. Provisional Application No(s). 61/553,772, filed October 31, 2012, Assignee Reference No. 01-0151-PRO, and U.S. Provisional Application No. 61/553,789, filed October 31, 2011, Assignee Ref. No. 01-0151-PRO2, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents of the United States which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon in the United States;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign

country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

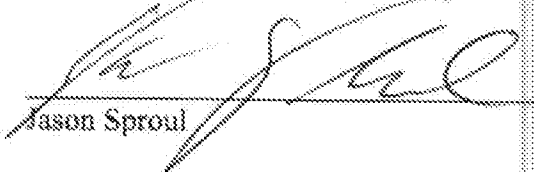
AND WE DO HEREBY authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

AND WE DO HEREBY sell, assign, transfer, and convey to said ASSIGNEE, its successors, its legal representatives, and its assigns all claims for damages and all remedies arising out of or relating to any violation(s) of any of the rights assigned hereby that have or may have accrued prior to the date of assignment to said ASSIGNEE, or may accrue hereafter, including, but not limited to the right to sue for, seek, obtain, collect, recover, and retain damages and any ongoing or prospective royalties to which WE may be entitled, or that WE may collect for any infringement or from any settlement or agreement related to any of said patents before or after issuance;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Date: JUNE 16, 2015


Jason Sproul

Date: _____

Witness Signature

Witness Name: _____

Date: _____

Oren Levy

Date: _____

Witness Signature

Witness Name: _____

Date: _____

Elizabeth Begin

Date: _____

Witness Signature

Witness Name: _____

Date: _____

Dietrich Ho

Date: _____

Witness Signature

Witness Name: _____

15100652_1

ASSIGNMENT

WHEREAS, WE,

1. Jason Sproul of Watertown, MA, US,
2. Oren Levy of Emerald Hills, CA, U.S.,
3. Elizabeth Begin of Billerica, MA, U.S., and
4. Dietrich Ho of Mountain View, CA U.S.,

have invented certain improvements in **DEVICES, SYSTEMS, AND METHODS FOR CONTROLLING FIELD OF VIEW IN IMAGING SYSTEMS** (collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and

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continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter for said INVENTIONS in any country or countries foreign to the United States, and all reissues, renewals, reexaminations, and extensions thereof;

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AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents.

Date: _____

Jason Sproul

Date: _____

Witness Signature

Witness Name: _____

Date: 6/17/15

Oren Levy

Date: _____

Witness Signature

Witness Name: _____

Date: _____

Elizabeth Begin

Date: _____

Witness Signature

Witness Name: _____

Date: _____

Dietrich Ho

Date: _____

Witness Signature

Witness Name: _____

15193632_J



**EMPLOYEE PROPRIETARY INFORMATION
AND INVENTIONS AGREEMENT**

In consideration of my employment or continued employment by Volcano Corporation (the "Company"), and the compensation now and hereafter paid to me, I hereby agree as follows:

2.3 Assignment of Inventions. Subject to Sections 2.4, and 2.6, I hereby assign and agree to assign in the future (when any such Inventions or Proprietary Rights are first reduced to practice or first fixed in a tangible medium, as applicable) to the Company all my right, title and interest in and to any and all Inventions (and all Proprietary Rights with respect thereto) whether or not patentable or registrable under copyright or similar statutes, made or conceived or reduced to practice or learned by me, either alone or jointly with others, during the period of my employment with the Company and/or its Affiliate. Inventions assigned to the Company, or to a third party as directed by the Company pursuant to this Section 2, are hereinafter referred to as "Company Inventions."

This Agreement shall be effective as of the first day of my employment with the Company and/or its Affiliate, namely: 8/1/, 2010.

I HAVE READ THIS AGREEMENT CAREFULLY AND UNDERSTAND ITS TERMS. I HAVE COMPLETELY FILLED OUT EXHIBIT A TO THIS AGREEMENT.

Dated: 9/21/2010

(Signature)

Diarmuid Ho
(Printed Name)

ACCEPTED AND AGREED TO:
VOLCANO CORPORATION

By: [Signature]

Title: HR Dir

Dated: 8/1/10

12.9 A signed copy of this Agreement shall be deemed equivalent to an original.



**EMPLOYEE PROPRIETARY INFORMATION
AND INVENTIONS AGREEMENT**

In consideration of my employment or continued employment by Volcano Corporation (the "Company"), and the compensation now and hereafter paid to me, I hereby agree as follows:

2.3 Assignment of Inventions. Subject to Sections 2.4, and 2.6, I hereby assign and agree to assign in the future (when any such Inventions or Proprietary Rights are first reduced to practice or first fixed in a tangible medium, as applicable) to the Company all my right, title and interest in and to any and all Inventions (and all Proprietary Rights with respect thereto) whether or not patentable or registrable under copyright or similar statutes, made or conceived or reduced to practice or learned by me, either alone or jointly with others, during the period of my employment with the Company. Inventions assigned to the Company, or to a third party as directed by the Company pursuant to this Section 2, are hereinafter referred to as "**Company Inventions.**"

12.9 A signed copy of this Agreement shall be deemed equivalent to an original.

This Agreement shall be effective as of the first day of my employment with the Company, namely: 8/2, 2010.

I HAVE READ THIS AGREEMENT CAREFULLY AND UNDERSTAND ITS TERMS. I HAVE COMPLETELY FILLED OUT EXHIBIT A TO THIS AGREEMENT.

Dated: 7/11/10

Elizabeth Beglin
(Signature)

Elizabeth Beglin
(Printed Name)

ACCEPTED AND AGREED TO:
VOLCANO CORPORATION

By: Blumhardt

Title: Director, Talent

Dated: 7/16/10 Acquisition