

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b>																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Christoph Hauger</td> <td>05/08/2012</td> </tr> <tr> <td>Guido Hattendorf</td> <td>06/14/2012</td> </tr> <tr> <td>Peter Maxwell Delaney</td> <td>06/08/2012</td> </tr> <tr> <td>Robert F. Spetzler</td> <td>05/07/2012</td> </tr> <tr> <td>Mark C. Preul</td> <td>05/08/2012</td> </tr> <tr> <td>Jennifer Eschbacher</td> <td>05/14/2012</td> </tr> <tr> <td>Peter Nakaji</td> <td>09/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Christoph Hauger	05/08/2012	Guido Hattendorf	06/14/2012	Peter Maxwell Delaney	06/08/2012	Robert F. Spetzler	05/07/2012	Mark C. Preul	05/08/2012	Jennifer Eschbacher	05/14/2012	Peter Nakaji	09/04/2012
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Peter Nakaji	09/04/2012																
<b>RECEIVING PARTY DATA</b>																	
Name:	Carl Zeiss Meditec AG																
Street Address:	Goeschwitzer-Str. 51-52 07745																
Internal Address:	.																
City:	Jena																
State/Country:	Germany																
Postal Code:	.																
<b>PROPERTY NUMBERS Total: 1</b>																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13043120</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13043120												
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<b>CORRESPONDENCE DATA</b>																	
Fax Number:	8777697945																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	6175425070																
Email:	apsi@fr.com																
Correspondent Name:	Peter Poulin																
Address Line 1:	FISH & RICHARDSON P.C.																
Address Line 2:	P.O.BOX 1022																
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022																

CH \$40.00 13043120

ATTORNEY DOCKET NUMBER:	24618-0008001
NAME OF SUBMITTER:	Theresa King
<p>Total Attachments: 21</p> <p>source=246180008001Assign#page1.tif source=246180008001Assign#page2.tif source=246180008001Assign#page3.tif source=246180008001Assign#page4.tif source=246180008001Assign#page5.tif source=246180008001Assign#page6.tif source=246180008001Assign#page7.tif source=246180008001Assign#page8.tif source=246180008001Assign#page9.tif source=246180008001Assign#page10.tif source=246180008001Assign#page11.tif source=246180008001Assign#page12.tif source=246180008001Assign#page13.tif source=246180008001Assign#page14.tif source=246180008001Assign#page15.tif source=246180008001Assign#page16.tif source=246180008001Assign#page17.tif source=246180008001Assign#page18.tif source=246180008001Assign#page19.tif source=246180008001Assign#page20.tif source=246180008001Assign#page21.tif</p>	

ASSIGNMENT

For valuable consideration, we, CHRISTOPH HAUGER of Bertha-von-Suttner-Weg 46, 73431 Aalen, Germany, GUIDO HATTENDORF of 7721 South 21st Drive, Phoenix, AZ 85041, PETER MAXWELL DELANEY of PO Box 1066, Mt. Waverley MDC, Victoria 3149, Australia, ROBERT F. SPETZLER of 2910 North Third Avenue, Phoenix, AZ 85013, MARK C. PREUL of 8628 East Davenport Dr., Scottsdale, AZ 85260, JENNIFER ESCHBACHER of 5202 North Saddle Rock Dr., Phoenix, AZ 85018, PETER NAKAJI of 2910 North Third Avenue Phoenix, AZ 85013, hereby assign to: Carl Zeiss Meditec AG, formerly Carl Zeiss Surgical GmbH, a corporation of Germany having a place of business at:

Goeschwitzer-Str. 51-52  
07745 Jena  
Germany; 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 SURGICAL OPTICAL SYSTEMS FOR DETECTING BRAIN TUMORS, filed 3/8/2011, and assigned U.S. Serial Number 13/043,120, 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; 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: \_\_\_\_\_  
CHRISTOPH HAUGER

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: \_\_\_\_\_  
GUIDO HATTENDORF

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: \_\_\_\_\_  
PETER MAXWELL DELANEY

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: \_\_\_\_\_  
ROBERT F. SPETZLER

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: \_\_\_\_\_

MARK C. PREUL

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Date: X May 14, 2012

X [Signature]

JENNIFER ESCHBACHER

Witnessed by:

Name: X [Signature]

Date: X 5/19/12

Name: X [Signature]

Date: X 5/14/12

Date: \_\_\_\_\_

PETER NAKAJI

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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CHRISTOPH HAUGER

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

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Date: \_\_\_\_\_  
GUIDO HATTENDORF

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

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Date: \_\_\_\_\_  
PETER MAXWELL DELANEY

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: \_\_\_\_\_  
ROBERT F. SPETZLER

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: X May 8, 2012

X Mark C. Preul  
MARK C. PREUL

Witnessed by:

Name: X Jennifer Eschbacher

Date: X May 8, 2012

Name: X Peter Nakaj

Date: X May 8, 2012

Date: \_\_\_\_\_

\_\_\_\_\_  
JENNIFER ESCHBACHER

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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\_\_\_\_\_  
PETER NAKAJI

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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Date: X May 8, 2012

X Christoph Hauger  
CHRISTOPH HAUGER

Witnessed by:

Name: X Guido Hattendorf

Date: X May 8, 2012

Name: X G. Katz

Date: X May 8, 2012

Date: \_\_\_\_\_

\_\_\_\_\_  
GUIDO HATTENDORF

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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PETER MAXWELL DELANEY

Witnessed by:

Name: \_\_\_\_\_

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ROBERT F. SPETZLER

Witnessed by:

Name: \_\_\_\_\_

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MARK C. PREUL

Witnessed by:

Name: \_\_\_\_\_

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JENNIFER ESCHBACHER

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PETER NAKAJI

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GUIDO HATTENDORF

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PETER MAXWELL DELANEY

Witnessed by:

Name: \_\_\_\_\_

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Date: \_\_\_\_\_

Date:  5/7/12  
MAY. 07, 2012

  
ROBERT F. SPETZLER

Witnessed by:

Name:  \_\_\_\_\_

Date:  \_\_\_\_\_

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MARK C. PREUL

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JENNIFER ESCHBACHER

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PETER NAKAJI

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Date: \_\_\_\_\_  
CHRISTOPH HAUGER

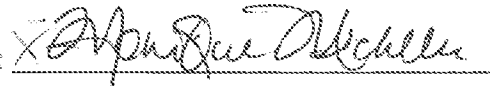
Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: X 14.06.2012 X   
GUIDO HATTENDORF

Witnessed by:

Name: X  Date: X 14.06.2012

Name: X Barbara E. Hecht Date: X 14.06.2012

Date: \_\_\_\_\_  
PETER MAXWELL DELANEY

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: \_\_\_\_\_  
ROBERT F. SPETZLER

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_



Date: \_\_\_\_\_

MARK C. PREUL

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

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JENNIFER ESCHBACHER

Witnessed by:

Name: \_\_\_\_\_

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Name: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

PETER NAKAJI

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Date: \_\_\_\_\_ CHRISTOPH HAUGER

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: \_\_\_\_\_ GUIDO HATTENDORF

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: \_\_\_\_\_ PETER MAXWELL DELANEY

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: \_\_\_\_\_ ROBERT F. SPETZLER

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

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Date: \_\_\_\_\_  
MARK C. PREUL

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: \_\_\_\_\_  
JENNIFER ESCHBACHER

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: 04 SEPTEMBER 2012  
  
PETER NAKAJI

Witnessed by:

Name: Tammy L. Tyner Date: 9/4/12  
J. J. [unclear]

Name: Ann Suiter Date: 9/4/12  
ANN SUITER

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GUIDO HATTENDORF

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Date: X Jun 8, 2012

X   
PETER MAXWELL DELANEY

Witnessed by:

Name: X BRUCE ANDREW

Date: X Jun. 8, 2012

Name: X LINDSAY BUSSAU

Date: X Jun. 8, 2012

Date: \_\_\_\_\_

ROBERT F. SPETZLER

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

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MARK C. PREUL

Witnessed by:

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JENNIFER ESCHBACHER

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PETER NAKAJI

Witnessed by:

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Name: \_\_\_\_\_ Date: \_\_\_\_\_

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