

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Dr. Dietmar Donitz</td><td>10/22/2009</td></tr><tr><td>Dr. Dirk Preikszas</td><td>10/07/2009</td></tr><tr><td>Dr. Michael Steigerwald</td><td>09/21/2009</td></tr></tbody></table>		Name	Execution Date	Dr. Dietmar Donitz	10/22/2009	Dr. Dirk Preikszas	10/07/2009	Dr. Michael Steigerwald	09/21/2009		
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<table border="1"><tr><td>Name:</td><td>Carl Zeiss NTS GmbH</td></tr><tr><td>Street Address:</td><td>Carl-Zeiss-Strasse 56</td></tr><tr><td>City:</td><td>Oberkochen</td></tr><tr><td>State/Country:</td><td>GERMANY</td></tr><tr><td>Postal Code:</td><td>73447</td></tr></table>		Name:	Carl Zeiss NTS GmbH	Street Address:	Carl-Zeiss-Strasse 56	City:	Oberkochen	State/Country:	GERMANY	Postal Code:	73447
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (508)898-8602 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 5088988601											
Email: docketing@westboro-ip.com											
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ATTORNEY DOCKET NUMBER:	FRM-079US										
NAME OF SUBMITTER:	Donald W. Muirhead										
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PATENT
REEL: 023436 FRAME: 0728

ASSIGNMENT

WHEREAS, each of the undersigned has developed certain inventions described in a U.S. patent application entitled:

POSITIONING DEVICE FOR A PARTICLE BEAM APPARATUS

() executed on even date herewith;

() executed on _____;

(X) now U.S. Patent Application No. 12/454,268 filed on May 14, 2009;

and has full right to convey their entire interest both legal and equitable in and to said inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, CARL ZEISS NTS GmbH ("ASSIGNEE"), a corporation having offices at Carl-Zeiss-Strasse 56, 73447 Oberkochen, GERMANY, is desirous of acquiring the entire right, title and interest in and to said inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each of the undersigned, each of the undersigned hereby sells, assigns, transfers and sets over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to said inventions, as described in the aforesaid application, and all applications resulting therefrom, including any and all divisionals, continuations, continuations-in-part, substitute applications, and reissues or extensions thereof; and all resulting patents;

AND, each of the undersigned hereby authorizes and requests the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns; each of the undersigned agrees that the attorney of record shall hereinafter act on behalf of said ASSIGNEE;

AND, each of the undersigned further agrees, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally to do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said inventions in this or any foreign country;

Each of the undersigned hereby authorizes Muirhead and Saturnelli, LLC, 200 Friberg Parkway, Suite 1001, Westborough, MA 01581 to insert hereon any further identification information necessary or desirable for recordation of this document.

Inventor(s)

Date Signed

Witness

1. Dr. Dietmar DÖNITZ

Name: Dr. Dietmar DÖNITZ

Oct 22, 2009

[Signature]

2. Dr. Dirk PREIKSZAS

Name: Dr. Dirk PREIKSZAS

Oct 7, 2009

[Signature]

3. Dr. Michael STEIGERWALD

Name: Dr. Michael STEIGERWALD

Sep, 21 2009

[Signature]

PATENT

RECORDED: 10/28/2009

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