

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Frank Schreiber</td> <td>09/03/2012</td> </tr> <tr> <td>Bernd Widzowski</td> <td>09/11/2012</td> </tr> <tr> <td>Holger Birk</td> <td>09/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Frank Schreiber	09/03/2012	Bernd Widzowski	09/11/2012	Holger Birk	09/03/2012		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Leica Microsystems CMS GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Ernst-Leitz-Strasse 17-37</td> </tr> <tr> <td>City:</td> <td>Wetzlar</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>35578</td> </tr> </table>		Name:	Leica Microsystems CMS GmbH	Street Address:	Ernst-Leitz-Strasse 17-37	City:	Wetzlar	State/Country:	GERMANY	Postal Code:	35578
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 3126165700 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 3126165600 Email: assignments@leydig.com</p> <p>Correspondent Name: LEYDIG, VOIT & MAYER, LTD. Address Line 1: Two Prudential Plaza, Suite 4900 Address Line 2: 180 North Stetson Avenue Address Line 4: Chicago, ILLINOIS 606016731</p>											
ATTORNEY DOCKET NUMBER:	812986										
NAME OF SUBMITTER:	James C. Signor										
<p>Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif</p>											

CH \$40.00 13585991

ASSIGNMENT

I, Frank Schreiber, a citizen of Germany, residing at Uhlandstrasse 7; 69221
Dossenheim; GERMANY; and

I, Bernd Widzowski, a citizen of Germany, residing at Bahnhofstrasse 6; 69221
Dossenheim; GERMANY; and

I, Holger Birk, a citizen of Germany, residing at Am Rohrbachle 10; 74909
Meckesheim; GERMANY;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in
consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and
valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged,
paid to ASSIGNOR by

Leica Microsystems CMS GmbH

an entity organized under the laws of Germany, located at Ernst-Leitz-Strasse 17-37, 35578
Wetzlar, GERMANY (hereinafter "ASSIGNEE"), do hereby sell and assign to said
ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, in and for
the United States of America only in and to my Invention entitled:

DETECTOR APPARATUS

invented by me and described in Patent Application No. 13/585,991, filed on August 15, 2012,
in the United States of America; and all patents, divisions, reissues, continuations and any
extensions thereof and rights of priority therein, including the right to sue for past infringement
and any such recovery, said interest being my entire ownership interest in the same, to be held
and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the
full end of the term thereof, as fully and entirely as the same would have been held and enjoyed
by me if this assignment and sale had not been made, including all rights of Assignor to recover
for past infringement thereof;

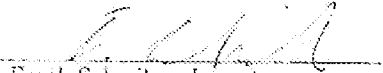
And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

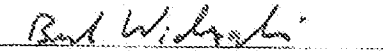
This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: 03/09/12


Frank Schreiber, Inventor

Dated: 11/09/11


Bernd Widzowski, Inventor

Dated: 03/09/12


Holger Birk, Inventor