

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>Bernard GOTTSCHALK</td> <td>03/28/2012</td> </tr> <tr> <td>Yves JONGEN</td> <td>04/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Bernard GOTTSCHALK	03/28/2012	Yves JONGEN	04/06/2012		
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<table border="1"> <tr> <td>Name:</td> <td>Ion Beam Applications S.A.</td> </tr> <tr> <td>Street Address:</td> <td>Chemin du Cyclotron, 3,</td> </tr> <tr> <td>City:</td> <td>1348 Louvani-la-Neuve</td> </tr> <tr> <td>State/Country:</td> <td>BELGIUM</td> </tr> </table>		Name:	Ion Beam Applications S.A.	Street Address:	Chemin du Cyclotron, 3,	City:	1348 Louvani-la-Neuve	State/Country:	BELGIUM
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CORRESPONDENCE DATA									
<p>Fax Number:</p> <p>Email: dorne.dottin@finnegan.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Dorne Dottin</p> <p>Address Line 1: 901 New York Avenue, N.W.</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20001</p>									
ATTORNEY DOCKET NUMBER:	11583.0003-00000								
NAME OF SUBMITTER:	Daniel G. Chung								
<p>Total Attachments: 2</p> <p>source=11583_0003_00000_Assignment#page1.tif</p> <p>source=11583_0003_00000_Assignment#page2.tif</p>									

OP \$40.00 13412734

ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

WATER EQUIVALENT DEPTH MEASUREMENT

for which We executed an application for United States Letters Patent filed in the U.S. Patent and Trademark Office on March 6, 2012 (Application No. 13/412,734); and

WHEREAS, Ion Beam Applications S.A., a corporation of the Belgium, whose post office address is Chemin du Cyclotron, 3, 1348 Louvain-la-Neuve, Belgium (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, provisional Application No. 61/449,785, filed March 7, 2011, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, We have hereunto set our hands.

County of <u>middlesex</u>)	ss.	Name: <u>Bernard Gottschalk</u>
State of <u>massachusetts</u>)		Address: <u>27 Hurlbut Street</u>
		<u>Cambridge, MA 02138-1603</u>
		By: <u>Bernard Gottschalk</u>
		Date: <u>3/28/2012</u>

Subscribed and sworn to before me this 28 day of March, 2012
Adrienne Bailey, Notary Public



Adrienne Bailey
NOTARY PUBLIC
Commonwealth of Massachusetts
My Commission Expires May 10, 2013

WITNESSED BY,

Name:

Signature:

Date:

T. J. Jongen
[Signature]
April 6th, 2012

Name:

Address:

By:

Date:

Yves Jongen
Parvis de la Cantilène 2/3
Louvain-la-Neuve, B-1348
Belgium

[Signature]
April 6, 2012