

## PATENT ASSIGNMENT COVER SHEET

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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>JACOBUS JOHANNES FREDERIK VAN VEEN</td> <td>10/30/2013</td> </tr> <tr> <td>CORNELIS GERARDUS JOSEPHUS KOOPAL</td> <td>10/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	JACOBUS JOHANNES FREDERIK VAN VEEN	10/30/2013	CORNELIS GERARDUS JOSEPHUS KOOPAL	10/30/2013				
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<table border="1"> <tr> <td>Name:</td> <td>NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO</td> </tr> <tr> <td>Street Address:</td> <td>SCHOEMAKERSTRAAT 97</td> </tr> <tr> <td>City:</td> <td>DELFT</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>2628 VK</td> </tr> </table>		Name:	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO	Street Address:	SCHOEMAKERSTRAAT 97	City:	DELFT	State/Country:	NETHERLANDS	Postal Code:	2628 VK
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CORRESPONDENCE DATA											
<p>Fax Number: (212)661-8002</p> <p>Phone: 2126618000</p> <p>Email: info@lmiplaw.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: LUCAS &amp; MERCANTI, LLP</p> <p>Address Line 1: 475 PARK AVENUE SOUTH</p> <p>Address Line 2: 15TH FLOOR</p> <p>Address Line 4: NEW YORK, NEW YORK 10016</p>											
ATTORNEY DOCKET NUMBER:	310-1121										
NAME OF SUBMITTER:	MICHAEL N. MERCANTI										
Signature:	/MNM/										

Date:

12/19/2013

Total Attachments: 2

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Docket No. 310.1121

<b>ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION</b>
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*This is an assignment of the following rights, title and interest (check all that apply):*

- ☒ *United States of America rights, title and interest in the invention*  
☐ *Foreign rights, title and interest in the invention*  
☒ *United States Patent Application Serial No. 14/008,256*  
*Date of Execution: \_\_\_\_\_ Date of Filing: September 27, 2013*  
☐ *United States Provisional Patent Application Serial No. \_\_\_\_\_*  
☐ *United States Patent No(s). \_\_\_\_\_*  
☐ *International (PCT) Patent Application Serial No. \_\_\_\_\_*  
☐ *Other (specify) \_\_\_\_\_*

*Title of the Invention:*

<b>PH-SENSOR</b>
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*Inventors (assignors):*

<i>Name</i>	<i>Address</i>
Jacobus Johannes Frederik van Veen	c/o TNO-PLT, Schoemakerstraat 97, 2628 VK Delft, The Netherlands
Cornelis Gerardus Josephus Koopal	c/o TNO-PLT, Schoemakerstraat 97, 2628 VK Delft, The Netherlands

*Assignee:*

<i>Name</i>	<i>Address</i>
Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO	Schoemakerstraat 97 2628 VK Delft The Netherlands

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the invention identified above and described in the above-identified patent application(s) and /or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;


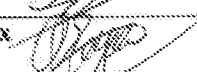
We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention, and in and to any and all reissues and reexaminations thereof, which may be granted or have granted for said Invention, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuation-in-part of said application for patent and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

The undersigned hereby grant(s) the firm of LUCAS & MERCANTI, L.L.P., 475 Park Avenue South, New York, New York, 10016, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

*Inventors' Signatures:*

Name	Signature/ Date
Jacobus Johannes Frederik van Veen	x  October 30, 2013
Cornelis Gerardus Josephus Koopal	x  Oct 30, 2013