

## 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>Carlo FIORINI</td> <td>07/23/2013</td> </tr> <tr> <td>Luca BOMBELLI</td> <td>07/23/2013</td> </tr> </tbody> </table>		Name	Execution Date	Carlo FIORINI	07/23/2013	Luca BOMBELLI	07/23/2013						
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<table border="1"> <tr> <td>Name:</td> <td>HORIBA, Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>2, Miyanohigashicho, Kisshoin</td> </tr> <tr> <td>Internal Address:</td> <td>Minami-ku</td> </tr> <tr> <td>City:</td> <td>Kyoto-shi, Kyoto</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>601-8510</td> </tr> </table>		Name:	HORIBA, Ltd.	Street Address:	2, Miyanohigashicho, Kisshoin	Internal Address:	Minami-ku	City:	Kyoto-shi, Kyoto	State/Country:	JAPAN	Postal Code:	601-8510
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CORRESPONDENCE DATA													
Fax Number:	860-286-01												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Correspondent Name:	CANTOR COLBURN LLP												
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ATTORNEY DOCKET NUMBER:	KHP0007US
NAME OF SUBMITTER:	Daniel P. Lent
Signature:	/Daniel P. Lent/
Date:	08/01/2013
Total Attachments: 2 source=6S46544#page1.tif source=6S46544#page2.tif	

## ASSIGNMENT

WHEREAS We, Carlo FIORINI of c/o Politecnico di Milano, Piazza Leonardo da Vinci 32, I-20133 Milano, Italy and Luca BOMBELLI of c/o Politecnico di Milano, Piazza Leonardo da Vinci 32, I-20133 Milano, Italy (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

### **AMPLIFIER AND RADIATION DETECTOR**

which claims priority to Japanese Application No. 2012-172332, filed on August 2, 2012 and for which We are about to file or have filed an application for Letters Patent of the United States;

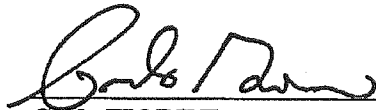
AND WHEREAS, HORIBA, Ltd., a corporation organized and existing under the laws of the Country of Japan, having a place of business at 2, Miyanohigashicho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8510 Japan, and Politecnico di Milano, a corporation organized and existing under the laws of the Country of Italy, having a place of business at Piazza Leonardo da Vinci 32, I-20133 Milano, Italy (hereinafter referred to as "ASSIGNEES") are desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEES the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEES, assignees of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEES, their successors and assigns; and We do hereby agree that the said ASSIGNEES, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when

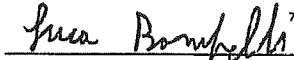
called upon to do so by the said ASSIGNEES, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEES fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 23/07/2013

  
Carlo FIORINI L.S.

Date: 23/07/2013

  
Luca BOMBELLI L.S.