

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>Yoshihisa WARASHINA</td> <td>01/16/2012</td> </tr> <tr> <td>Masatoshi ISHIHARA</td> <td>01/16/2012</td> </tr> <tr> <td>Tomofumi SUZUKI</td> <td>01/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yoshihisa WARASHINA	01/16/2012	Masatoshi ISHIHARA	01/16/2012	Tomofumi SUZUKI	01/16/2012
Name	Execution Date								
Yoshihisa WARASHINA	01/16/2012								
Masatoshi ISHIHARA	01/16/2012								
Tomofumi SUZUKI	01/16/2012								
RECEIVING PARTY DATA									
Name:	HAMAMATSU PHOTONICS K.K.								
Street Address:	1126-1, Ichino-cho, Higashi-ku								
City:	Hamamatsu-shi, Shizuoka								
State/Country:	JAPAN								
Postal Code:	435-8558								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13383282</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13383282				
Property Type	Number								
Application Number:	13383282								
CORRESPONDENCE DATA									
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ATTORNEY DOCKET NUMBER:	046884-5930 (479711)								
NAME OF SUBMITTER:	Peter J. Sistare								
Total Attachments: 1 source=046884_5930_assignment#page1.tif									

OP \$40.00 13383282

ASSIGNMENT

Whereas, I/we,

<u>Name</u>	<u>Address</u>
1) Yoshihisa WARASHINA	c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558 Japan
2) Masatoshi ISHIHARA	c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558 Japan
3) Tomofumi SUZUKI	c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Higashi-ku, Hamamatsu-shi, Shizuoka 435-8558 Japan

hereinafter called assignor(s), have invented certain improvements in
PHOTODETECTOR

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on January 10, 2012, Serial No. 13/383282; and

Whereas

HAMAMATSU PHOTONICS K.K.
1126-1, Ichino-cho, Higashi-ku,
Hamamatsu-shi, Shizuoka 435-8558 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention 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; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and 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, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

INVENTORSDATE SIGNED

1):	<u>Yoshihisa Warashina</u>	<u>January 16, 2012</u>
Name:	Yoshihisa WARASHINA	
2):	<u>Masatoshi Ishihara</u>	<u>January 16, 2012</u>
Name:	Masatoshi ISHIHARA	
3):	<u>Tomofumi Suzuki</u>	<u>January 16, 2012</u>
Name:	Tomofumi SUZUKI	

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)