

## 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>Atsushi IHORI</td> <td>10/09/2012</td> </tr> <tr> <td>Yukinobu SUGIYAMA</td> <td>10/09/2012</td> </tr> <tr> <td>Keisuke NAKAO</td> <td>10/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Atsushi IHORI	10/09/2012	Yukinobu SUGIYAMA	10/09/2012	Keisuke NAKAO	10/09/2012		
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<table border="1"> <tr> <td>Name:</td> <td>HAMAMATSU PHOTONICS K.K.</td> </tr> <tr> <td>Street Address:</td> <td>1126-1, Ichino-cho, Higashi-ku</td> </tr> <tr> <td>City:</td> <td>Hamamatsu-shi, Shizuoka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>435-8558</td> </tr> </table>		Name:	HAMAMATSU PHOTONICS K.K.	Street Address:	1126-1, Ichino-cho, Higashi-ku	City:	Hamamatsu-shi, Shizuoka	State/Country:	JAPAN	Postal Code:	435-8558
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CORRESPONDENCE DATA											
<p>Fax Number: 2022040289  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-842-8800        Email: dcpatentfiling@dbr.com        Correspondent Name: DRINKER BIDDLE &amp; REATH (DC)        Address Line 1: 1500 K STREET, N.W.        Address Line 2: SUITE 1100        Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005-1209</p>											
ATTORNEY DOCKET NUMBER:	046884-5998 (491196)										
NAME OF SUBMITTER:	Peter J. Sistare										
<p>Total Attachments: 1        source=046884_5998__assignment#page1.tif</p>											

OP \$40.00 13640386

PATENT

**ASSIGNMENT**

Whereas, I/we,

NameAddress1) **Atsushi IHORI**

c/o Hamamatsu Photonics K.K.,

1126-1, Ichino-cho, Higashi-ku,  
Hamamatsu-shi, Shizuoka 435-8558 Japan  
c/o Hamamatsu Photonics K.K.,2) **Yukinobu SUGIYAMA**1126-1, Ichino-cho, Higashi-ku,  
Hamamatsu-shi, Shizuoka 435-8558 Japan  
c/o Hamamatsu Photonics K.K.,3) **Keisuke NAKAO**1126-1, Ichino-cho, Higashi-ku,  
Hamamatsu-shi, Shizuoka 435-8558 Japan

hereinafter called assignor(s), have invented certain improvements in  
**SOLID-STATE IMAGING DEVICE**

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

filed on October 10, 2012, Serial No. 13/640386; 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):

Name:

Atsushi Ihori  
**Atsushi IHORI**10/9/2012

2):

Name:

Yukinobu Sugiyama  
**Yukinobu SUGIYAMA**Oct. 19 / 2012

3):

Name:

Keisuke Nakao  
**Keisuke NAKAO**Oct. 9, 2012