

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>Mitsuhito MASE</td> <td>11/09/2012</td> </tr> <tr> <td>Takashi SUZUKI</td> <td>11/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mitsuhito MASE	11/09/2012	Takashi SUZUKI	11/09/2012				
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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 & 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:	046884-6019-00-US(493071)										
NAME OF SUBMITTER:	Peter J. Sistare										
<p>Total Attachments: 1 source=046884_6019_assignment#page1.tif</p>											

OP \$40.00 13810519

ASSIGNMENT

Whereas, I/we,

NameAddress1) **Mitsuhito MASE**

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) **Takashi SUZUKI**1126-1, Ichino-cho, Higashi-ku,
Hamamatsu-shi, Shizuoka 435-8558 Japan

hereinafter called assignor(s), have invented certain improvements in
RANGE SENSOR AND RANGE IMAGE SENSOR

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

Whereas filed on _____, Serial No. _____; and

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:

*Mitsuhito Mase***Mitsuhito MASE***Nov. 9, 2012*

2):

Name:

*Takashi Suzuki***Takashi SUZUKI***Nov. 9, 2012*

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