

## 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>TOMOKO OTSU</td> <td>08/06/2013</td> </tr> <tr> <td>NAOYA MATSUMOTO</td> <td>08/07/2013</td> </tr> <tr> <td>YUU TAKIGUCHI</td> <td>08/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	TOMOKO OTSU	08/06/2013	NAOYA MATSUMOTO	08/07/2013	YUU TAKIGUCHI	08/06/2013		
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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											
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ATTORNEY DOCKET NUMBER:	046884-6067-00-US-502157										
NAME OF SUBMITTER:	PETER J. SISTARE										
Signature:	/Peter J. Sistare/										
Date:	10/10/2013										
Total Attachments: 1 source=046884_6067_assignment#page1.tif											

OP \$40.00 13985214

**ASSIGNMENT**

as, I/we,  
Name

Address

- |                    |  |
|--------------------|--|
| 1) Tomoko OTSU     | c/o Hamamatsu Photonics K.K.,<br>1126-1, Ichino-cho, Higashi-ku,<br>Hamamatsu-shi, Shizuoka 435-8558 Japan |
| 2) Naoya MATSUMOTO | c/o Hamamatsu Photonics K.K.,<br>1126-1, Ichino-cho, Higashi-ku,<br>Hamamatsu-shi, Shizuoka 435-8558 Japan |
| 3) Yuu TAKIGUCHI   | c/o Hamamatsu Photonics K.K.,<br>1126-1, Ichino-cho, Higashi-ku,<br>Hamamatsu-shi, Shizuoka 435-8558 Japan |

hereinafter called assignor(s), have invented certain improvements in  
**SPATIAL LIGHT MODULATOR, AND SPATIAL LIGHT MODULATING METHOD**

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

filed on August 13, 2013, Serial No. 13/985214; 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

INVENTORSDATE SIGNED

1) : Name :	<i>Tomoko Otsu</i> Tomoko OTSU	<i>August 6th 2013</i>
2) : Name :	<i>Naoya Matsumoto</i> Naoya MATSUMOTO	<i>August 7th 2013</i>
3) : Name :	<i>Yuu Takiguchi</i> Yuu TAKIGUCHI	<i>August 6th 2013</i>