

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>Katsumi SHIBAYAMA</td> <td>01/23/2012</td> </tr> <tr> <td>Takafumi YOKINO</td> <td>01/23/2012</td> </tr> </tbody> </table>		Name	Execution Date	Katsumi SHIBAYAMA	01/23/2012	Takafumi YOKINO	01/23/2012
Name	Execution Date						
Katsumi SHIBAYAMA	01/23/2012						
Takafumi YOKINO	01/23/2012						
RECEIVING PARTY DATA							
Name:	HAMAMATSU PHOTONICS K.K.						
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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>13390527</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13390527		
Property Type	Number						
Application Number:	13390527						
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NAME OF SUBMITTER:	Peter J. Sistare						
Total Attachments: 1 source=046884_5936_assignment#page1.tif							

OP \$40.00 13390527

ASSIGNMENT

Whereas, I/we,

Name

Address

1) **Katsumi SHIBAYAMA**

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) **Takafumi YOKINO**

1126-1, Ichino-cho, Higashi-ku,
Hamamatsu-shi, Shizuoka 435-8558 Japan

hereinafter called assignor(s), have invented certain improvements in
SPECTROSCOPY MODULE AND MANUFACTURING METHOD THEREFOR

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

filed on _____, Serial No. _____; 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.

INVENTORS

DATE SIGNED

1):
Name:

Katsumi Shibayama

Katsumi SHIBAYAMA

January 23, 2012

2):
Name:

Takafumi Yokino

Takafumi YOKINO

January 23, 2012

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