

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Harumasa YOSHIDA	08/19/2009
Yasufumi TAKAGI	08/19/2009
Masakazu KUWABARA	08/19/2009
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	
Property Type	Number
Application Number:	12530067
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ATTORNEY DOCKET NUMBER:	46884-5741 (442648)
NAME OF SUBMITTER:	Peter J. Sistare
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OP \$40.00 12530067

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PATENT
REEL: 023195 FRAME: 0959

ASSIGNMENT

Whereas, I/we,

NameAddress1) **Harumasa YOSHIDA**

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

c/o Hamamatsu Photonics K.K.,

3) **Masakazu KUWABARA**1126-1, Ichino-cho, Higashi-ku,
Hamamatsu-shi, Shizuoka 435-8558 Japan

hereinafter called assignor(s), have invented certain improvements in
NITRIDE SEMICONDUCTOR SUBSTRATE

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:

Harumasa Yoshida
 Harumasa YOSHIDA

August 19, 2009

2):

Name:

Yasufumi Takagi
 Yasufumi TAKAGI

August 19, 2009

3):

Name:

Masakazu Kuwabara
 Masakazu KUWABARA

August 19, 2009

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