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Form PTO-1595 (Rev. 06/04)
OMB No. 0651-0027 (exp. 6/30/2005)

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Henry A. Blauvelt
David W. Vernooy
Hao Lee

Execution Date(s) 10/06/2003

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Xponent Photonics Inc

Internal Address: _____

Street Address: 425 East Huntington Drive

City: Monrovia

State: CA

Country: US Zip: 91016

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

10/661,709

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Syed A. Hasan

Internal Address: Christie Parker & Hale LLP

Street Address: 350 West Colorado Blvd

City: Pasadena

State: CA Zip: 91105

Phone Number: 626-795-9900

Fax Number: 626-577-8800

Email Address: Art.Hasan@cph.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information (Form PTO-2038 attached)

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b. Deposit Account Number _____

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9. Signature:

MSL
Signature

09/01/2004 Date

David S Alavi Reg No 40310

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

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PTO/SB/15 (02-01)

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)
XPNT22NP

Whereas, I/We, David W. Vernooy of Sierra Madre, CA, hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR PHOTODETECTOR WITH INTERNAL REFLECTOR

for which an application for a United States Patent was filed on 09/12/2003
Application Number 10 / 661,709

for which an application for a United States Patent was executed on _____, and

Whereas, Xponent Photonics Inc of Monrovia, CA herein referred to "assignee" whose mailing address is 425 East Huntington Drive, Monrovia CA 91016 is desirous of acquiring the entire right, title and interest in the same;

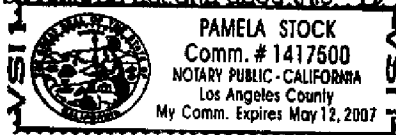
Now, therefore, in consideration of the sum of ten dollars (\$ 10), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I/We hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 6TH day of OCTOBER, 2003
at Monrovia, California

State of CALIFORNIA
County of LOS ANGELES

[Signature]
(Signature)

SS: DAVID W. VERNOOY
Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this 6TH day of OCTOBER, 2003.



[Signature]
(Notary Public)

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below*.

* Total of 3 forms are submitted.

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner of Patents and Trademarks, Washington, DC 20231.

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ASSIGNMENT OF APPLICATION	Docket Number (Optional) XPNT22NP
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Whereas, I/We, Hao Lee of Arcadia, CA hereafter referred to as applicant, have invented certain new and useful improvements in SEMICONDUCTOR PHOTODETECTOR WITH INTERNAL REFLECTOR

for which an application for a United States Patent was filed on 09/12/2003
Application Number 10 / 661,709

for which an application for a United States Patent was executed on _____, and

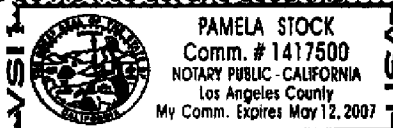
Whereas, Xponent Photonics Inc of Monrovia, CA herein referred to "assignee" whose mailing address is 425 East Huntington Drive, Monrovia CA 91016 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of ten dollars (\$ 10), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefor in the United States, I/We hereby authorize and request the Commissioner of Patent and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 6TH day of October, 2003
at Monrovia, California

State of California,
County of Los Angeles, SS: Hao Lee

Before me personally appeared said Hao Lee and acknowledged the foregoing instrument to be his free act and deed this 6TH day of October, 2003.



Seal

Pamela Stock
(Notary Public)

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below*

* Total of 3 forms are submitted.

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