

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mark Allen Itzler	03/23/2006
Rafael Ben-Michael	03/23/2006
Sabbir Rangwala	03/23/2006

RECEIVING PARTY DATA

Name:	Princeton Lightwave, Inc.
Street Address:	2555 Route 130 South
City:	Cranbury
State/Country:	NEW JERSEY
Postal Code:	08512

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12576362

CORRESPONDENCE DATA

Fax Number: (732)626-9001
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 732-578-0103
 Email: jk@dblax.com
 Correspondent Name: DeMont & Breyer, LLC
 Address Line 1: 100 Commons Way
 Address Line 2: Suite 250
 Address Line 4: Holmdel, NEW JERSEY 07733

ATTORNEY DOCKET NUMBER:	293-023US
NAME OF SUBMITTER:	Jay Kobayashi

Total Attachments: 2
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OP \$40.00 12576362

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**PATENT
 REEL: 023369 FRAME: 0378**

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Assignment and Agreement

For value received, we, **Mark Allen Itzler**, of Princeton, NJ, USA, **Rafael Ben-Michael** of Scotch Plains, NJ, USA, **Sabbir Sajjad Rangwala** of Flemington, NJ, USA, hereby sell, assign and transfer to Princeton Lightwave, Inc., having an office at 2555 Route 130 South, Cranbury, NJ, 08512, USA, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to all of the inventions in the patent application entitled **Apparatus Comprising a Single Photon Photodetector Having Reduced Afterpulsing and Method Therefor** and identified by DeMont & Breyer's Attorney Docket as **293-004US**, Serial Number **11/277562**, filed on **27 Mar 2006**, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Princeton Lightwave, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Princeton Lightwave, Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Princeton Lightwave, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Princeton Lightwave, Inc. in the United States and in all countries foreign to the United States, or to such nominees as Princeton Lightwave, Inc. may designate.

We agree that, when requested, we shall, without charge to Princeton Lightwave, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

DeMont & Breyer Docket: 293-004US

Mark Allen Itzler 23 MARCH 2006
Mark Allen Itzler and Date

Rafael Ben-Michael 3/23/06
Rafael Ben-Michael and Date

Sabbir Rangwala 3/23/06
Sabbir Rangwala and Date

Lori Zirkel 3/23/06
Witness Signature and Date

Lori Zirkel 3/23/06
Witness Signature and Date

Lori Zirkel 3/23/06
Witness Signature and Date

DeMont & Breyer, LLC
Suite 250
100 Commons Way
Holmdel, NJ 07733
United States of America

LORI ZIRKEL
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES NOV 08, 2007