

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
EFFECTIVE DATE:	10/14/2005										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mark Allen Itzler</td> <td>10/14/2005</td> </tr> <tr> <td>Rafael Ben-Michael</td> <td>10/14/2005</td> </tr> </tbody> </table>		Name	Execution Date	Mark Allen Itzler	10/14/2005	Rafael Ben-Michael	10/14/2005				
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Princeton Lightwave, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>2555 Route 130 South</td> </tr> <tr> <td>City:</td> <td>Cranbury</td> </tr> <tr> <td>State/Country:</td> <td>NEW JERSEY</td> </tr> <tr> <td>Postal Code:</td> <td>08512</td> </tr> </table>		Name:	Princeton Lightwave, Inc.	Street Address:	2555 Route 130 South	City:	Cranbury	State/Country:	NEW JERSEY	Postal Code:	08512
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CORRESPONDENCE DATA											
<p>Fax Number: (732)578-0104</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 732-578-0103</p> <p>Email: kelly@dblaw.com</p> <p>Correspondent Name: Kelly Kline</p> <p>Address Line 1: 100 Commons Way</p> <p>Address Line 2: Ste 250</p> <p>Address Line 4: Holmdel, NEW JERSEY 07733</p>											
ATTORNEY DOCKET NUMBER:	293-002US										
NAME OF SUBMITTER:	Kelly Kline										
Total Attachments: 2											

OP \$40.00 11251965

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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, 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 an Avalanche Photodiode** and identified by DeMont & Breyer's Attorney Docket as **293-002US**, Serial Number **11/251965**, filed on **October 17, 2005**, 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.

If the application serial number and/or filing date of this application is not known at the time of the execution of this Assignment and Agreement, we authorize the duly-appointed attorneys in this application plus Jason Paul DeMont, Reg. No. 35,793, Wayne S. Breyer, Reg. No. 38,089, and Kenneth Ottesen, Reg. No., 54,353 to insert the filing date and application serial number of this application in the above paragraph when known.

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: 293-002US

Mark Itzler 10/14/05
Signature of **Mark Allen Itzler** and Date Signed

Lori Zirkel 10/14/05
Witness or Notary's Signature and Date

Rafael Ben-Michael 10/14/05
Signature of **Rafael Ben-Michael** and Date Signed

Lori Zirkel 10/14/05
Witness or Notary's Signature and Date



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