

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael Mittelstein</td> <td>04/03/2003</td> </tr> <tr> <td>Hongmin Chen</td> <td>04/06/2003</td> </tr> </tbody> </table>		Name	Execution Date	Michael Mittelstein	04/03/2003	Hongmin Chen	04/06/2003
Name	Execution Date						
Michael Mittelstein	04/03/2003						
Hongmin Chen	04/06/2003						
RECEIVING PARTY DATA							
Name:	Quantum Devices, Inc.						
Street Address:	22349 E. La Palma Ave., Suite 112						
City:	Yorba Linda						
State/Country:	CALIFORNIA						
Postal Code:	92887						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10366953</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10366953		
Property Type	Number						
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CORRESPONDENCE DATA							
Fax Number:	(949)223-9610						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	(949) 223-9600						
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NAME OF SUBMITTER:	Joseph C. Andras						
Total Attachments: 4 source=2003-04 Assignment from Inventors#page1.tif source=2003-04 Assignment from Inventors#page2.tif source=2003-04 Assignment from Inventors#page3.tif source=2003-04 Assignment from Inventors#page4.tif							

OP \$40.00 10366953

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
QD11.PAU.08

This is an Assignment of the following rights, title and interest: (check all that apply):

- United States of America rights, title and interest in the invention*
- Foreign rights, title and interest in the invention*
- United States Patent Application Serial No.* 10/366,953

Date of Execution: February 14, 2003 *Date of Filing:* February 14, 2003

- United States Provisional Patent Application Serial No.* _____
- United States Patent No(s).* _____
- International (PCT) Patent Application Serial No.* _____
- Other (specify)* _____

Title of the Invention

PHOTONIC INTEGRATED CIRCUIT BASED PLANAR WAVELENGTH METER

Inventors (assignors)

<i>Name</i>	<i>Address</i>
Michael Mittelstein	29412 Clipper Way, Laguna Niguel, CA 92677-4621
Hongmin Chen	41 Harley Drive, Apt. 4, Worcester, MA 01606 <i>Je-80 Chen</i> <i>04/06/03</i>

Assignee

<i>Name</i>	<i>Address</i>
Quantum Devices, Inc.	22349 E. La Palma Ave. Suite 112 Yorba Linda, CA 92887

**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
QDII.PAU.08

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Michael Mittelstein	
Hongmin Chen	

Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)	Docket No. QDH.PAU.08
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Inventors (assignors)

Name	Address
Michael Mittelstein	29412 Clipper Way, Laguna Niguel, CA 92677-4621
Hongmin Chen	41 Harley Drive, Apt. 4, Worcester, MA 01606

Assignee

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Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Michael Mittelstein	<i>Michael Mittelstein</i> Aug. 3.03
Hongmin Chen	