

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Mark W. Youn</td><td>01/16/2008</td></tr><tr><td>Peter Muys PhD</td><td>01/16/2008</td></tr><tr><td>Yingwu Lian PhD</td><td>01/16/2008</td></tr><tr><td>Kurt Kanzler</td><td>02/14/2008</td></tr></tbody></table>	Name	Execution Date	Mark W. Youn	01/16/2008	Peter Muys PhD	01/16/2008	Yingwu Lian PhD	01/16/2008	Kurt Kanzler	02/14/2008	
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Mark W. Youn	01/16/2008										
Peter Muys PhD	01/16/2008										
Yingwu Lian PhD	01/16/2008										
Kurt Kanzler	02/14/2008										
RECEIVING PARTY DATA											
Name:	Lambda Research Optics, Inc.										
Street Address:	1695 West MacArthur Blvd.										
City:	Costa Mesa										
State/Country:	CALIFORNIA										
Postal Code:	92626										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>PCT Number:</td><td>US0771487</td></tr></tbody></table>	Property Type	Number	PCT Number:	US0771487							
Property Type	Number										
PCT Number:	US0771487										
CORRESPONDENCE DATA											
Fax Number:	(949)718-6756										
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ATTORNEY DOCKET NUMBER:	LAMBD-P3565										
NAME OF SUBMITTER:	J. Mark Holland										
Total Attachments: 6 source=Assignment#page1.tif											

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PATENT
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ASSIGNMENT

WHEREAS, Mark W. Youn, an individual residing at 9827 Fonte Road, Cypress, California 90630, Peter Muys, Ph.D., an individual residing at Hooiland, 3, 9030 Mariakerke, Belgium, Yingwu Lian, Ph.D. an individual residing at 18716 Grace Ct., Artesia, California 90701, and Kurt Kanzler, an individual residing at 949 Santa Ynez Way, Sacramento, California 95816, are the original, first and joint inventors of a certain invention as described and/or claimed in an application for Letters Patent of the United States, as follows:

Title:	LOW ABSORPTION OPTICAL COATING APPARATUS AND RELATED METHODS USING THF4/BAF2 COMBINATION
Serial No.:	PCT/US2007/071487
Filed:	June 18, 2007
Inventors:	Mark W. Youn, Peter Muys, Ph. D., Yingwu Lian, Ph.D., and Kurt Kanzler

WHEREAS, Lambda Research Optics, Inc., a corporation having a principal place of business at 1695 West MacArthur Blvd., Costa Mesa, California 92626, is desirous of acquiring the entire and exclusive right, title, and interest, together with all rights of priority, in and to said invention in the United States of America and throughout the world, and in and to any Letters Patent which may be granted and issued therefor;

NOW THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) in hand paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said Mark W. Youn, Peter Muys, Yingwu Lian, and Kurt Kanzler, by these presents do hereby sell, assign, transfer, and set over unto the said Lambda Research Optics, Inc., its successors and assigns, the entire and exclusive right, title and interest, together with all rights of priority, in and to said invention, in the United States and throughout the world, and in and to any Letters Patent which may be granted and issued therefor, and in and to any Letters Patent which may be granted and issued for any division, reissue, extension, continuation, or continuation-in-part thereof, as well as all foreign counterparts thereof, the same to be held and

enjoyed by Lambda Research Optics, Inc., its successors and assigns to the full ends of the terms of all said Letters Patent therefor which may be granted.

AND WE HEREBY AUTHORIZE Lambda Research Optics, Inc. to make applications for and to receive Letters Patent for said invention in any foreign countries in its own name, or in our name, at its election.

AND WE HEREBY COVENANT AND AGREE that we will execute or procure any further necessary assurance of title to said invention and any Letters Patent which may issue therefor and that we will, at any time, upon the request and at the expense of Lambda Research Optics, Inc., deliver any testimony in any legal proceedings and execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor in Lambda Research Optics, Inc., its successors and assigns, and that we will, at any time, upon the request and at the expense of Lambda Research Optics, Inc., execute any division, reissue, extension, continuation, continuation-in-part or any other additional applications for Letters Patent for said invention or any part or parts thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to Lambda Research Optics, Inc., and will make all rightful oaths, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of Lambda Research Optics, Inc., its successors and assigns.

AND WE HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to said Lambda Research Optics, Inc.

COUNTERPARTS; FACSIMILE SIGNATURES. This Agreement may be signed in multiple counterparts. Each counterpart will be considered an original, but all of them in the aggregate shall constitute one agreement. This Agreement and any amendments hereto, to the extent signed and delivered by means of a facsimile machine, shall be treated in all manner and respects as an original agreement or instrument and shall be considered to have the same binding effect as if it were the original signed version thereof delivered in person.

IN WITNESS WHEREOF, the undersigned have executed this Assignment, at the location and on the date or dates indicated below.

Signed at Newport Beach, in the State of California.
(City) (State)

Mark W. Youn
NAME OF INVENTOR

[Signature]
Signature of Inventor

1/16/08
Date

ACKNOWLEDGEMENT

State of California

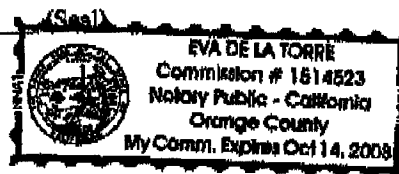
County of Orange

On January 16, 2008 before me, Mark W. Youn, Inventor, personally appeared Mark W. Youn who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Signature]



Signed at Newport Beach, in the State of California
(City) (State)

Peter Muys
NAME OF INVENTOR

[Signature]
Signature of Inventor

1/16/08
Date

ACKNOWLEDGEMENT

State of California

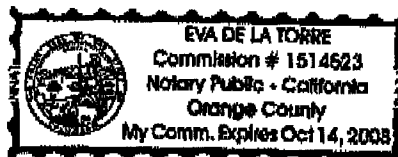
County of Orange

On January 16, 2008 before me, Peter Muys, Inventor, personally appeared Peter Muys who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Signature] (Seal)



Signed at Newport Beach, in the State of California
(City) (State)

Yingwu Lian, Ph.D.
NAME OF INVENTOR

Yingwu Lian
Signature of Inventor

1/16/2008
Date

ACKNOWLEDGEMENT

State of California

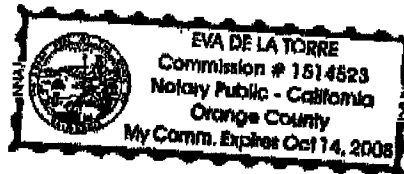
County of Orange

On January 16, 2008 before me, Yingwu Lian, Inventor, personally
appeared Yingwu Lian, PhD
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same
in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument
the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Eva De La Torre (Seal)



Signed at Sacramento, in the State of CA
(City) (State)

Kurt Kanzler
NAME OF INVENTOR

[Signature]
Signature of Inventor

2/18/08
Date

ACKNOWLEDGEMENT

State of California

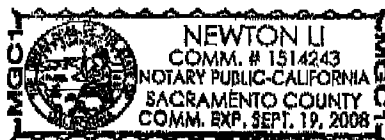
County of Sacramento

On 2/18/08 before me, Newton Li, Notary Public
appeared Kurt Kanzler, Inventor KK,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same
in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument
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I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Signature] (Seal)



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