

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Wayne V. Sorin	05/17/2004
Ben J. Vakoc	05/08/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Novera Optics, Inc.
<b>Street Address:</b>	2620 Augustine Drive, Suite 101
<b>City:</b>	Santa Clara
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11983720
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)720-8383
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	408-720-8300
<b>Email:</b>	dianne_neathery@bstz.com
<b>Correspondent Name:</b>	Blakely Sokoloff Taylor & Zafman LLP
<b>Address Line 1:</b>	1279 Oakmead Parkway
<b>Address Line 4:</b>	Sunnyvale,, CALIFORNIA 94085-4040
<b>ATTORNEY DOCKET NUMBER:</b>	5489P080D
<b>NAME OF SUBMITTER:</b>	Tatiana Rossin
<b>Total Attachments: 5</b> source=5489P080D_Assignment_9-28-09#page1.tif source=5489P080D_Assignment_9-28-09#page2.tif source=5489P080D_Assignment_9-28-09#page3.tif	

CH \$40.00 11983720

**500974208**

**PATENT**  
**REEL: 023294 FRAME: 0483**

source=5489P080D\_Assignment\_9-28-09#page4.tif

source=5489P080D\_Assignment\_9-28-09#page5.tif

# Recordation Form Cover Sheet PATENTS ONLY

Atty. Docket No.: 5489P080D

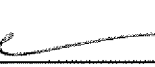
To the Director of the United States Patent and Trademark Office Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): <b>Wayne V. Sorin</b> <b>Ben J. Vakoc</b> Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes		2. Name and address of receiving party(ies): Name: <u>Novera Optics, Inc.</u> Internal Address: _____ Street Address: <u>2620 Augustine Drive, Suite 101</u> City: <u>Santa Clara</u> State: <u>CA</u> Zip: <u>95054</u> Country: <u>USA</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date(s): <u>05/17/2004; 05/08/2004</u>		4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>11/983,720</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: <b>Lester J. Vincent</b> Name: <u>Blakely, Sokoloff, Taylor &amp; Zafman LLP</u> Internal Address: _____ Street Address: <u>1279 Oakmead Parkway</u> <u>Sunnyvale, California 94085-4040</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 3.41)..... <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account Number: <u>02-2666</u> (Attach duplicate copy of this page if paying by deposit account)	

DO NOT USE THIS SPACE

9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Tatiana Rossin  
 Name of Person Signing

  
 Signature

9/28/09  
 Date

Reg. No. 56,833

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:  
 Mail Stop Assignment Recordation Services  
 Director of the United States Patent and Trademark Office  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Based on Form PTO-1595 as modified by BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP on 05/09/03

**PATENT**  
**REEL: 023294 FRAME: 0485**

## **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the

**Wayne Sorin; Ben J. Vakoc**

hereby sell, assign, and transfer to:

**Novera Optics, Inc.**

a Corporation of Delaware, having a principal place of business at 480 S. California Avenue, Suite 305, Palo Alto, California 94306-1609 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest in and to any and all inventions and improvements that are disclosed in the a for the United States patent filed on December 19, 2003, and assigned Application No. 10/741,134 and is entitled:

### **Integration of Laser Sources and Detectors for a Passive Optical Network**


and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filir United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its o and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute a utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on said inventions and improvements; execute all rightful oaths, assignments, power of attorney, and other papers; com said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal represent securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its succe assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

---

Date	Name: <b>Wayne Sorin</b>
<u>5/8/04</u>	
Date	Name: <b>Ben J. Vakoc</b>

Date	Name:
------	-------

Date	Name:
------	-------

Date	Name:
------	-------

Date	Name:
------	-------

Date	Name:
------	-------

Date	Name:
------	-------

Date	Name:
------	-------

Date	Name:
------	-------

Date	Name:
------	-------

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (408) 720-8300

Attorney's Docket No.: 5489P080

## **ASSIGNMENT**

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the

**Wayne V. Sorin; Ben J. Vakoc**

hereby sell, assign, and transfer to:

**Novera Optics, Inc.**

a Corporation of Delaware, having a principal place of business at 480 S. California Avenue, Suite 305, Palo Alto, Calif 94306-1609 USA ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest in and to any and all inventions and improvements that are disclosed in the aforesaid application for the United States patent filed on December 19, 2003, and assigned Application No. 10/741,134 and is entitled:

### **Integration of Laser Sources and Detectors for a Passive Optical Network**

and in and to said application and all design, utility, divisional, continuing, continuation-in-part, substitute, renewal, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority from the filing of said United States applications;

and agree that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all necessary utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on said inventions and improvements; execute all rightful oaths, assignments, power of attorney, and other papers; comply with said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

May 17 2004 Wayne V. Sorin  
Date Name: Wayne V. Sorin

\_\_\_\_\_  
Date Name: Ben J. Vakoc

\_\_\_\_\_  
Date Name:

\_\_\_\_\_  
Date Name:

\_\_\_\_\_  
Date Name:

\_\_\_\_\_  
Date Name:

\_\_\_\_\_  
Date Name:

\_\_\_\_\_  
Date Name:

\_\_\_\_\_  
Date Name:

\_\_\_\_\_  
Date Name:

\_\_\_\_\_  
Date Name:

Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (408) 947-8200