

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<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>Ralph H. Johnson</td> <td>08/25/2005</td> </tr> <tr> <td>R. Scott Penner</td> <td>09/07/2005</td> </tr> <tr> <td>James Robert Biard</td> <td>08/25/2005</td> </tr> </tbody> </table>		Name	Execution Date	Ralph H. Johnson	08/25/2005	R. Scott Penner	09/07/2005	James Robert Biard	08/25/2005
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Ralph H. Johnson	08/25/2005								
R. Scott Penner	09/07/2005								
James Robert Biard	08/25/2005								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	Finisar Corporation								
<b>Street Address:</b>	1389 Moffett Park Drive								
<b>City:</b>	Sunnyvale								
<b>State/Country:</b>	CALIFORNIA								
<b>Postal Code:</b>	94089								
<b>PROPERTY NUMBERS Total: 1</b>									
<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>11222433</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11222433				
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Application Number:	11222433								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(801)328-1707								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	801-533-9800								
<b>Email:</b>	tterry@wnlaw.com								
<b>Correspondent Name:</b>	Eric L. Maschoff								
<b>Address Line 1:</b>	60 E. South Temple								
<b>Address Line 2:</b>	Suite 1000								
<b>Address Line 4:</b>	Salt Lake City, UTAH 84111								
<b>ATTORNEY DOCKET NUMBER:</b>	15436.476.1								
<b>NAME OF SUBMITTER:</b>	Eric L. Maschoff, Reg No: 36,596								

Total Attachments: 6  
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WHEN RECORDED RETURN TO:

Workman Nydegger  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

PATENT APPLICATION  
Docket No: 15436.476.1  
Express Mailing Label No. EV 494 038 374 US

ASSIGNMENT

We,

- (1) Name: Ralph H. Johnson  
Address: 211 Ridgeview Drive  
Murphy, Texas 75094
- (2) Name: R. Scott Penner  
Address: #2 2475 W 3<sup>rd</sup> Ave.  
Vancouver, BC  
V6K 1L9
- (3) Name: James Robert Biard  
Address: 207 Martha Manor  
Richardson, Texas 75081

have invented a method and apparatus entitled **VERTICAL CAVITY SURFACE EMITTING LASER WITH UNDOPED TOP MIRROR**, hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in a United States patent application executed concurrently herewith by us and now identified as File No. 15436.476 of the law firm of Workman Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, and filed in the United States Patent and Trademark Office as Serial No. 11/222,433 on September 8, 2005 (We hereby authorize the attorneys of Workman Nydegger to insert said serial number and filing date when known.)

The Assignee, Finisar Corporation, a corporation of the State of Delaware, having a principal place of business at 1308 Moffett Park Drive, Sunnyvale, California 95089, desires to secure the entire right, title and interest in said invention.

In consideration of One Dollar (\$1.00) and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency of which we hereby acknowledge, WE HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and Foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behalf of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Dated this 25<sup>th</sup> day of August, 2005.

  
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Ralph H. Johnson

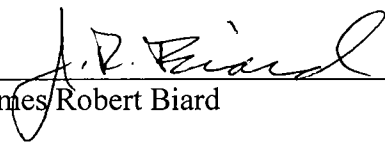
Dated this 7<sup>TH</sup> day of SEPTEMBER, 2005.



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R. Scott Penner

Dated this 25 day of August, 2005.

  
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James Robert Biard