

## 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>Dave ADAMS</td> <td>02/19/2013</td> </tr> <tr> <td>Jan-Olof WESSTROM</td> <td>01/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	Dave ADAMS	02/19/2013	Jan-Olof WESSTROM	01/21/2013				
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Jan-Olof WESSTROM	01/21/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>FINISAR SWEDEN AB</td> </tr> <tr> <td>Street Address:</td> <td>Box 685</td> </tr> <tr> <td>City:</td> <td>Jarfalla</td> </tr> <tr> <td>State/Country:</td> <td>SWEDEN</td> </tr> <tr> <td>Postal Code:</td> <td>175 27</td> </tr> </table>		Name:	FINISAR SWEDEN AB	Street Address:	Box 685	City:	Jarfalla	State/Country:	SWEDEN	Postal Code:	175 27
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13706658</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13706658						
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CORRESPONDENCE DATA											
<p>Fax Number: 7036850573  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7035212297        Email: agoode@young-thompson.com        Correspondent Name: Young &amp; Thompson        Address Line 1: 209 Madison St., Suite 500        Address Line 4: Alexandria, VIRGINIA 22314</p>											
ATTORNEY DOCKET NUMBER:	1515-1179										
NAME OF SUBMITTER:	Benoit Castel										
	This document serves as an Oath/Declaration (37 CFR 1.63).										
<p>Total Attachments: 2        source=COMBINED_DECL_AND_ASSMT#page1.tif        source=COMBINED_DECL_AND_ASSMT#page2.tif</p>											

OP \$40.00 13706658

## ASSIGNMENT AND INVENTOR'S DECLARATION

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below, and

WHEREAS Finisar Sweden AB, hereinafter referred to as "assignee(s)", whose address is Box 685, 175 27 JÄRFÄLLA, Sweden, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named inventor, I hereby declare that:

This assignment and declaration is directed to:

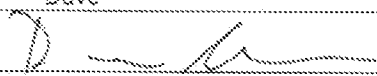
- ☐ The attached application, or  
☒ United States Application or PCT International Application Number 13/706,658 filed on 6 December 2012 (Confirmation No. \_\_\_\_\_).

The application is entitled: **METHOD FOR MODIFYING THE COMBINING OR SPLITTING RATIO OF A MULTIMODE INTERFERENCE COUPLER**

The above-identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Given Name(s)	Dave	Family Name/Surname(s)	ADAMS
Inventor's Signature:		Date	Feb 19, 2013
Given Name(s)	Jan-Olof	Family Name/Surname(s)	WESSTROM
Inventor's Signature:		Date	
Given Name(s)		Family Name/Surname(s)	
Inventor's Signature:		Date	
Given Name(s)		Family Name/Surname(s)	
Inventor's Signature:		Date	

### ASSIGNMENT AND INVENTOR'S DECLARATION

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WHEREAS, Finisar Sweden AB, hereinafter referred to as "assignee(s)", whose address is Box 685, 175 27 JÄRFÄLLA, Sweden, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

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Given Name(s)	Dave	Family Name/Surname(s)	ADAMS
Inventor's Signature:		Date	
Given Name(s)	Jan-Olof	Family Name/Surname(s)	WESSTRÖM
Inventor's Signature:	<i>Jan-Olof Westrom</i>	Date	<i>21 January 2013</i>
Given Name(s)		Family Name/Surname(s)	
Inventor's Signature:		Date	
Given Name(s)		Family Name/Surname(s)	
Inventor's Signature:		Date	

**PATENT**

**RECORDED: 03/28/2013**

**REEL: 030102 FRAME: 0986**