

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>Tom Sheau Tung Wong</td> <td>01/07/2009</td> </tr> <tr> <td>Tze Wei Lim</td> <td>01/07/2009</td> </tr> <tr> <td>Adrianus J.P. Van Haasteren</td> <td>01/07/2009</td> </tr> </tbody> </table>		Name	Execution Date	Tom Sheau Tung Wong	01/07/2009	Tze Wei Lim	01/07/2009	Adrianus J.P. Van Haasteren	01/07/2009
Name	Execution Date								
Tom Sheau Tung Wong	01/07/2009								
Tze Wei Lim	01/07/2009								
Adrianus J.P. Van Haasteren	01/07/2009								
RECEIVING PARTY DATA									
Name:	Avago Technologies Fiber IP (Singapore) Pte. Ltd.								
Street Address:	No. 1 Yishun Avenue 7								
City:	Singapore								
State/Country:	SINGAPORE								
Postal Code:	768923								
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>12349910</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12349910				
Property Type	Number								
Application Number:	12349910								
CORRESPONDENCE DATA									
Fax Number:	(770)804-0900								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	970-288-0747								
Email:	dsantos@lavagrouplaw.com								
Correspondent Name:	Scott Weitzel								
Address Line 1:	4380 Ziegler Road								
Address Line 4:	Fort Collins, COLORADO 80525								
ATTORNEY DOCKET NUMBER:	2008-053USORG								
NAME OF SUBMITTER:	Daniel J. Santos								
<p>Total Attachments: 3 source=AssignmentFiled#page1.tif source=AssignmentFiled#page2.tif</p>									

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When recorded please return to:

PATENT APPLICATION

AVAGO TECHNOLOGIES, LTD.
P.O. Box 1920
Denver, Colorado 80201-1920

ATTORNEY DOCKET NO. 2008-053USORG

ASSIGNMENT OF PATENT APPLICATION TO AVAGO TECHNOLOGIES
FIBER IP (SINGAPORE) PTE. LTD.

I/We the undersigned (each) have agreed and hereby agree to assign to Avago Technologies Fiber IP (Singapore) Pte. Ltd. (Company Registration No. 200512342D), a company incorporated under the laws of Singapore whose registered office is at No. 1 Yishun Avenue 7, Singapore 768923 (hereinafter AVAGO), in furtherance of my/our obligations to AVAGO, and do hereby assign and transfer to AVAGO, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

A FIBER OPTIC TRANSCEIVER (FOT) MODULE AND
METHOD FOR MANUFACTURING AN FOT MODULE

Filing date: _____ Serial No.: _____

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patents.

I/We additionally authorize AVAGO to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by AVAGO, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to AVAGO, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to AVAGO, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patents, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid AVAGO, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by AVAGO;

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to AVAGO, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

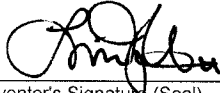
I/we further authorize and direct AVAGO attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature (Seal)
Inventor's Typed Name: Tom Sheau Tung Wong

Date Assignment Signed: 7th Jan 2009

Witnessed by:



Inventor's Signature (Seal)
Inventor's Typed Name: Tze Wei Lim

Date Assignment Signed: 7 Jan 2009

Witnessed by:



Inventor's Signature (Seal)

Inventor's Typed Name: Adrianus J.P. Van Haasteren

Date Assignment Signed:

Jan 7th, 2009

Witnessed by: