

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Tak K. Wang</td><td>10/31/2006</td></tr><tr><td>Christopher L. Coleman</td><td>10/31/2006</td></tr><tr><td>Laurence R. McColloch</td><td>10/31/2006</td></tr></tbody></table>		Name	Execution Date	Tak K. Wang	10/31/2006	Christopher L. Coleman	10/31/2006	Laurence R. McColloch	10/31/2006
Name	Execution Date								
Tak K. Wang	10/31/2006								
Christopher L. Coleman	10/31/2006								
Laurence R. McColloch	10/31/2006								
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"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11590639</td></tr></tbody></table>		Property Type	Number	Application Number:	11590639				
Property Type	Number								
Application Number:	11590639								
CORRESPONDENCE DATA									
Fax Number: (303)297-2266 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 3032989888									
Email: rhonda.smyth@klaaslaw.com									
Correspondent Name: John R. Pessetto									
Address Line 1: P.O. Box 1920									
Address Line 4: Denver, COLORADO 80201									
ATTORNEY DOCKET NUMBER:	10060105-1								
NAME OF SUBMITTER:	John R. Pessetto								
Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif									

CH 11590639 \$40.00

PATENT

500274038

REEL: 019271 FRAME: 0024

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

ATTORNEY DOCKET NO. 10060105-1

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:

Systems, Devices, Components and Methods for Hermetically Sealing Electronic Modules and Packages

Filing date: October 31, 2006 Serial No.: 11/590,639

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):

Tak K. Wang
Inventor's Signature (Seal)

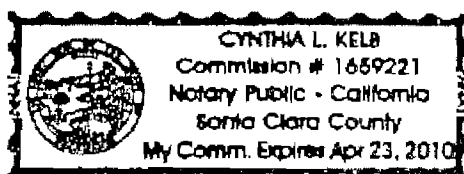
Date Assignment Signed: 10/31/2006

Inventor's Typed Name: Tak, K. Wang

Date Application Signed: 10/31/2006

State of California)
County of Santa Clara) ss:

Before me this 31st day of October, 2006, personally appeared Tak, K. Wang who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Cynthia L. Kelb
Notary Public
My commission expires:

ASSIGNMENT OF PATENT APPLICATION (cont.)

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

Inventor's Signature (Seal)

Date Assignment Signed: 10/31/2006

Inventor's Typed Name: Christopher L. Coleman

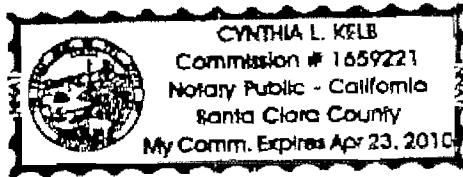
Date Application Signed: 10/31/2006

State of California)

) ss:

County of Santa Clara)

Before me this 31st day of October, 2006, personally appeared Christopher L. Coleman who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Cynthia L. Kelb
Notary Public
My commission expires:

Inventor's Signature (Seal)

Date Assignment Signed: 10/31/06

Inventor's Typed Name: Laurence R. McColloch

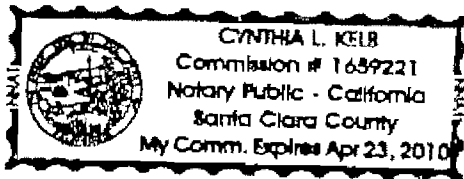
Date Application Signed: 10/31/06

State of California)

) ss:

County of Santa Clara)

Before me this 31st day of October, 2006, personally appeared Laurence R. McColloch who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.



Cynthia L. Kelb
Notary Public
My commission expires:

Inventor's Signature (Seal)

Date Assignment Signed: _____

Inventor's Typed Name: _____

Date Application Signed: _____

State of _____)

) ss:

County of _____)

Before me this _____ day of _____, personally appeared _____ who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Notary Public
My commission expires:

PATENT

Page 2 of 2

RECORDED: 05/09/2007

REEL: 019271 FRAME: 0026