

PATENT ASSIGNMENT

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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>Muh Fong Chung</td> <td>12/20/2010</td> </tr> <tr> <td>Choon Guan Ko</td> <td>12/20/2010</td> </tr> <tr> <td>Sian Tatt Lee</td> <td>12/20/2010</td> </tr> <tr> <td>Fook Chuin Ng</td> <td>12/20/2010</td> </tr> </tbody> </table>		Name	Execution Date	Muh Fong Chung	12/20/2010	Choon Guan Ko	12/20/2010	Sian Tatt Lee	12/20/2010	Fook Chuin Ng	12/20/2010
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Muh Fong Chung	12/20/2010										
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RECEIVING PARTY DATA											
Name:	AVAGO TECHNOLOGIES ECBU IP (SINGAPORE) PTE. LTD.										
Street Address:	NO. YISHUN AVE. 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>12976790</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12976790						
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Application Number:	12976790										
CORRESPONDENCE DATA											
Fax Number:	(970)288-0617										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	970-288-0301										
Email:	adrienne.barclay@avagotech.com										
Correspondent Name:	Avago Technologies Limited										
Address Line 1:	NO. YISHUN AVE. 7										
Address Line 4:	SINGAPORE, SINGAPORE 768923										
ATTORNEY DOCKET NUMBER:	2010-074USORG										
NAME OF SUBMITTER:	Adrienne Barclay										

Total Attachments: 2
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PATENT
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CH \$40.00 12976790

AVAGO TECHNOLOGIES
4380 Ziegler Road
Fort Collins, CO 80525

ATTORNEY DOCKET NO. 2009-074USORG

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

I/We the undersigned (each) have agreed and hereby agree to assign to Avago Technologies ECBU IP (Singapore) Pte. Ltd. (Company Registration No. 200512325K), 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 MULTI-SEGMENTED LIGHT GUIDE FOR AN INPUT DEVICE

Filing date: 22 DEC 2010 Serial No.: 12/976,790

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) 

Date Assignment Signed: 20 Dec / 2010

Inventor's Typed Name: MUH FONG CHUNG


Date Application Signed: 20 Dec / 2010

Inventor's Signature (Seal) 

Date Assignment Signed: 20 DEC / 2010

Inventor's Typed Name: CHOON GUAN KO

Date Application Signed: 20 DEC / 2010

Inventor's Signature (Seal) 

Inventor's Typed Name: SIAN TATT LEE

Date Assignment Signed: 20/DEC/2010

Date Application Signed: 20/DEC/2010

Inventor's Signature (Seal) 

Inventor's Typed Name: FOOK CHUIN NG

Date Assignment Signed: 20 Dec 2010

Date Application Signed: 20 Dec 2010