

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>Gopinath Maasi</td> <td>06/08/2012</td> </tr> <tr> <td>Gary Tay</td> <td>06/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Gopinath Maasi	06/08/2012	Gary Tay	06/08/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Avago Technologies General IP (Singapore) Pte. Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>No. 1 Yishun Avenue 7</td> </tr> <tr> <td>City:</td> <td>Singapore</td> </tr> <tr> <td>State/Country:</td> <td>SINGAPORE</td> </tr> <tr> <td>Postal Code:</td> <td>768923</td> </tr> </table>		Name:	Avago Technologies General IP (Singapore) Pte. Ltd.	Street Address:	No. 1 Yishun Avenue 7	City:	Singapore	State/Country:	SINGAPORE	Postal Code:	768923
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Application Number:	13569910										
CORRESPONDENCE DATA											
Fax Number: 9702880617 Phone: 9702880731 Email: avagoip@system.foundationip.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Avago Technologies Limited Address Line 1: 4380 Ziegler Road Address Line 4: Fort Collins, COLORADO 80525											
ATTORNEY DOCKET NUMBER:	2012-049USORG										
NAME OF SUBMITTER:	Matthew R. Ellsworth										
Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif											

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ATTORNEY DUCKWORTH AND SON, CHICAGO, ILL.

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

I/We the undersigned (2007) have agreed and hereby agree to assign to Avago Technologies General IP (Singapore) Pte. Ltd. (Company Registration No. 200517430G), a company incorporated under the laws of Singapore whose registered office is at No. 7 Yishun Avenue 7, Singapore 768933 (hereinafter AVAGO), in furtherance of my/our obligations to AVAGO, and do hereby assign and transfer to AVAGO, by assignment 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:

PACT-TO-TALK OPTOCOUPLER DEVICE AND METHOD OF MANUFACTURE

Filing date: August 8, 2012 Serial No.: 13/569,910

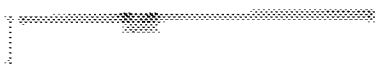
and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C.I.P.'s), divisions, and amendments of and additions to said application for Letters Patent, and any and all Letters Patent of the United States and of countries foreign therein which may be granted thereon or therefrom, and any additions, or modifications, or extensions of said Letters Patent.

I/We additionally authorize AVAGO in the application 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, renewed or extended, as fully and entirely as the same would have been held and enjoyed by me/us had the 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 and each 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 Patent, to testify in any legal proceedings, to sign all legal papers, to execute all declarations and declarations, continuations, C.I.P.'s, renewals and foreign applications, to make all rights claims and declarations, and generally to do everything possible to aid AVAGO, its successors, assigns, nominees and legal representatives to obtain and enforce, for us 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 doing 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 deem AVAGO attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and file set forth above herein 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):

M. Gopinath

Date Assignment Signed:

7/8/12

Inventor's Signature (Seal)

Inventor's Typed Name: Gopinath Maasi

Date Application Signed:

7/8/12

mm

Date Assignment Signed:

7/8/12

Inventor's Signature (Seal)

Inventor's Typed Name: Gary Tay

Date Application Signed:

7/8/12

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