PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mr. Wei Yan Lee	11/13/2009

RECEIVING PARTY DATA

Name:	Avago Technologies ECBU IP (Singapore) Pte. Ltd.	
Street Address:	No. 1 Yishun Avenue 7	
City:	Singapore	
State/Country:	SINGAPORE	
Postal Code:	768923	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12618710

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 2009-082USORG

NAME OF SUBMITTER: Thomas F. Woods

Total Attachments: 1

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CH \$40,00

PATENT REEL: 023518 FRAME: 0228

ATTORNEY DOCKET NO. 2009-082USOREG

AVAGO TECHNOLOGIES, LTD. 4380 Ziegler Road Fort Collins, Colorado 80525 Attn: Kathy Manke, MS 76

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:

High Resolution Op	otical Encod	er Systems, Devices and Methods
Filing date: Nw. 14, 2009	Serial No.:_	12/618,710
and the invention(s) and improvement(s) set forth and renewals of and substitutes for said applica	therein, and a	any and all continuations, continuations-in-part (C-I-P's), divisionals, s Patent, and any and all Letters Patent of the United States and of perefor; and any reissues, or reexaminations, or extensions of said
enjoyed by AVAGO, its successors, assigns, no	minees or legi ssued or exte	ns in my/our name for Letters Patent in any country, to be held and all representatives, to the full end of the term or terms for which said anded, as fully and entirely as the same would have been held and a made;
executed and will not execute any agreement in request is made, and without undue delay, executo said invention(s) or improvement(s), said applegal representatives, and I/we agree to communimprovement(s), said application and said Letter all disclaimers and divisionals, continuations, Cand generally to do everything possible to aid All enforce, for its or their own benefit, proper patent the expenses which may be incurred by me/us in AND I/we hereby authorize and request of any country or countries foreign to the United AVAGO, as assignee of the entire right, title and I any and all Letters Patent of the United States	a conflict hereute and deliver ute and deliver dication and sinicate to AVAI rs Patents, to I-P's, reissue VAGO, its suc i protection for in lending suc the Commiss di States whos interest, any ar- which may be	or convey the entire interest herein assigned, and that I/we have not with, and I/we further covenant and agree that I/we will, each time a riall such papers as may be necessary or desirable to perfect the title aid Letters Patent, to AVAGO, its successors, assigns, nominees or GO, or to its nominee, all known facts respecting said invention(s) or testify in any legal proceedings, to sign all lawful papers, to execute and foreign applications, to make all rightful oaths and declarations, ceassors, assigns, nominees and legal representatives to obtain and risaid invention(s) or improvement(s) in any and all countries provided the cooperation and assistance are paid by AVAGO; dioner of Patents and Trademarks of the United States and any official seduly it is to issue patents on applications as aforesaid, to issue to not all Letters Patent for said invention(s) or improvement(s), including a issued and granted on or as a result of the application aforesaid.
	GO attorneys	to insert the serial number and filing date of said application now ove as soon as the same shall have been made known to them by the
IN WITNESS WHEREOF, I/we bereun	to set my/our	hand(s) and seal(s):
Inventor's Signature (Seal)	è	Date Assignment Signed:
inventor's Typed Name: Wei Yan Lee		Date Application Signed:
State of) ss.		
County of		
Before me thisday of known or proved to me on the basis of satisfactory evider act and deed	, personally ap nce to be the pe	pearedwho is personally reon who acknowledged the foregoing instrument of assignment to be his/her free
		Notary Public My commission expires:

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