PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE: ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date	
Chuan Hoe Chan	04/23/2009	
Sian Tatt Lee	04/23/2009	
Choon Guan Ko	04/23/2009	
Fook Chuin Ng	04/23/2009	

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:	12429972	

CORRESPONDENCE DATA

Fax Number: (970)288-0617

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

٦r

Phone: 970-288-0731

Email: avagoip@system.foundationip.com

Correspondent Name: Kathy Manke Avago Technologies Limited

Address Line 1: 4380 Ziegler Road

Address Line 4: Fort Collins, COLORADO 80525

ATTORNEY DOCKET NUMBER:	2008-095USORG	
NAME OF SUBMITTER:	Mark A. Wilson	

Total Attachments: 4

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PATENT REEL: 022595 FRAME: 0581

ATTORNEY DOCKET NO. 2008-095USORG

AVAGO TECHNOLOGIES, LTD. 4380 Ziegier Road Fort Collins, Colorado 80525

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

I/We the undersigned (each) have agreed and heraby 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:

LIGHT GUIDE DISPLAY WITH MULTIPLE LIGHT GUIDE LAYERS

Filing date:	Serial No	•
		ad any and all continuations, continuations-in-part (C-I-P's), divisionals, ters Patent, and any and all Letters Patent of the United States and of therefor; and any reissues, or reexaminations, or extensions of said
I/We additionally authori enjoyed by AVAGO, its successo Letters Patent respectively may i enjoyed by me/us had this assign	oe granted, relasued or a	ions in my/our name for Letters Patent in any country, to be held and agai representatives, to the full end of the term or terms for which said tended, as fully and entirely as the same would have been held and en made;
request is made, and without under to said invention(s) or improveme legal representatives, and I/we ag improvement(s), said application all disclaimers and divisionals, co and generally to do everything po enforce, for its or their own benefit	nt(s), said application and nt(s), said application and tree to communicate to A\ and said Letters Patents, ntinuations, C-I-P's, reiss ssible to aid AVAGO, its s	to convey the entire interest herein assigned, and that I/we have not rewith, and I/we further covenant and agree that I/we will, each time a ser all such papers as may be necessary or desirable to perfect the title said Letters Patent, to AVAGO, its successors, assigns, nominees or AGO, or to its nominee, all known facts respecting said invention(s) or to testify in any legal proceedings, to sign all lawful papers, to execute and foreign applications, to make all rightful oaths and declarations, uccessors, assigns, nominees and legal representatives to obtain and or said invention(s) or improvement(s) in any and all countries provided such cooperation and assistance are paid by AVAGO;
AND I/we hereby authorized any country or countries foreign AVAGO, as assignee of the entire	te and request the Commi n to the United States wh right, title and interest, any United States which mad	ssioner of Patents and Trademarks of the United States and any official pse duty it is to issue patents on applications as aforesaid, to issue to and all Letters Patent for said invention(s) or improvement(s), including be issued and granted on or as a result of the application aforesaid,
i/we further authorize an identified by the attorney docket n United States Patent and Tradem	d direct AVAGO attorney umber and title set forth a ark Office.	s to insert the serial number and filing date of said application now sove as soon as the same shall have been made known to them by the
IN WITNESS WHERED	. Love hereunto set my/o	् धर hand(s) and seal(s):
X		
Inventor's Signature (Seal)		Substitution Signed vs - 5/ Fibi
Inventor's Typed Name: Chuan Hoe	Chan	Date Assignment Signed: X 23/Apr /09 Date Application Signed: X 23/Apr /09
State of	}	
County of) 88.:	
Before me thisday of known or proved to me on the basis of st act and deed.	personally atisfectory evidence to be the p	appeared who is personally erson who acknowledged the foregoing instrument of assignment to be his/her free
	; ;	Notary Public My commission expires:
	î.	Page 1 of 2

REEL: 022595 FRAME: 0582

ASSIGNMENT OF FATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/W	rephereunto set m	ny/our hand(s)	and seal(s):			
X	màs			೩	lings	2009
Inventor's Signature (Seal)			Sale Adolganient Olgited,)
Inventor's Typed Name: Sian Tat	t Lee	F	Date Assignment Signed: X Date Application Signed: X	<u> ೩</u> ತ	April	2009
State of	}	}			,	
County of) 88.:)	- - - - - -				
Before me this day known or proved to me on the basis free act and deed.	of of satisfactory evider	, personally app nce to be the pers	eared On who acknowledged the foregoing in	strumen	who tof assignmen	o is personally it to be his/her
			Notary Public My commission expires:			
\cap	\					
Inventor's Signature (Seal)	<u> </u>		Date Assignment Signed: X	23	APRIL	2019
Inventor's Typed Name: Choon G	3uan Ko	è	Date Application Signed:	23	APRIL	2009
State of County of)) 68.:)					
Before me this day known or proved to me on the basis free act and deed.	of of satisfactory evider	, personally app nce to be the pers	eared on who acknowledged the foregoing in	strumen	who tof assignmen	o is personally t to be his/her
		posterior and the second	Notary Public My commission expires:			
Inventor's Signature (Seal)		e de la companya de l	Date Assignment Signed: X	بد	з Арг	il 2006
Inventor's Typed Name: Fook Chi	uin Ng	A Cool	Date Application Signed:	>	3 Apn	13009
State of	}	6 3 4 7	•			
County of) \$8.:)	** ** **				
Before me this day known or proved to me on the basis free act and deed.	of of satisfactory evider	personally app nce to be the pers	eared on who acknowledged the foregoing in	strumen	wh t of assignmen	o is personally it to be his/her
		6 2 2 3 8	Notary Public My commission expires:			

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ATTORNEY DOCKET NO. 2008-095USORG

AVAGO TECHNOLOGIES, LTD. 4380 Ziegler Road Fort Collins, Colorado 80525

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:

LIGHT GUIDE DISPLAY WITH MULTIPLE LIGHT GUIDE LAYERS

Filing date: Serial No.:	
and renewals of and substitutes for said application for Lette	d any and all continuations, continuations-in-part (C-I-P's), divisionals, ers Patent, and any and all Letters Patent of the United States and of therefor; and any reissues, or reexaminations, or extensions of said
enjoyed by AVAGO, its successors, assigns, nominees or le	ons in my/our name for Letters Patent in any country, to be held and egal representatives, to the full end of the term or terms for which said tended, as fully and entirely as the same would have been held and en made;
executed and will not execute any agreement in conflict her request is made, and without undue delay, execute and deliv to said invention(s) or improvement(s), said application and legal representatives, and I/we agree to communicate to AV improvement(s), said application and said Letters Patents, to all disclaimers and divisionals, continuations, C-I-P's, reissu and generally to do everything possible to aid AVAGO, its su	to convey the entire interest herein assigned, and that I/we have not sewith, and I/we further covenant and agree that I/we will, each time at er all such papers as may be necessary or desirable to perfect the title said Letters Patent, to AVAGO, its successors, assigns, nominees or AGO, or to its nominee, all known facts respecting said invention(s) or to testify in any legal proceedings, to sign all lawful papers, to execute e and foreign applications, to make all rightful oaths and declarations, accessors, assigns, nominees and legal representatives to obtain and or said invention(s) or improvement(s) in any and all countries provided ach cooperation and assistance are paid by AVAGO;
of any country or countries foreign to the United States who AVAGO, as assignee of the entire right, title and interest, any any and all Letters Patent of the United States which may lin accordance with the terms of this assignment.	sioner of Patents and Trademarks of the United States and any official se duty it is to issue patents on applications as aforesaid, to issue to and all Letters Patent for said invention(s) or improvement(s), including be issued and granted on or as a result of the application aforesaid, so to insert the serial number and filing date of said application now
identified by the attorney docket number and title set forth ab United States Patent and Trademark Office.	ove as soon as the same shall have been made known to them by the
IN WITNESS WHEREOF, I/we hereunto set my/ou	r hand(s) and seal(s):
Niventor's Signature (Seal)	Date Assignment Signed: X
Inventor's Typed Name: Chuan Hoe Chan	Date Application Signed:
State of)) ss.:	
County of	
Before me this day of, personally a known or proved to me on the basis of satisfactory evidence to be the peact and deed.	ppeared who is personally erson who acknowledged the foregoing instrument of assignment to be his/her free
	Notary Public My commission expires:

Page 1 of 2

PATENT REEL: 022595 FRAME: 0584

ASSIGNMENT OF PATENT APPLICATION (cont.)

X	Date Assignment Signed: X
Inventor's Signature (Seal)	Date Assignment Signett.
Inventor's Typed Name: Sian Tatt Lee	Date Application Signed:
State of)	
County of) ss.:	
Before me this day of, pe known or proved to me on the basis of satisfactory evidence to free act and deed.	ersonally appeared who is personal obe the person who acknowledged the foregoing instrument of assignment to be his/he
	Notary Public My commission expires:
Inventor's Signature (Seal)	Date Assignment Signed:
Inventor's Typed Name: Choon Guan Ko	Date Application Signed: X
State of)	
County of) ss.:	
Before me this day of, pe known or proved to me on the basis of satisfactory evidence to free act and deed.	ersonally appeared who is personal obe the person who acknowledged the foregoing instrument of assignment to be his/he
	Notary Public My commission expires:
Inventor's Signature (Seal)	Date Assignment Signed: X
Inventor's Typed Name: Fook Chuin Ng	Date Application Signed:
State of)	
County of) ss.:	
Before me this day of, pe known or proved to me on the basis of satisfactory evidence to free act and deed.	ersonally appeared who is personall be the person who acknowledged the foregoing instrument of assignment to be his/he
	Notary Public My commission expires:

Page 2 of 2