PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Nobutaka Itagaki	09/22/2008

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:	12236312

CORRESPONDENCE DATA

Fax Number: (970)288-0617

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

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:	2007-0094USORG
NAME OF SUBMITTER:	Mark A Wilson

Total Attachments: 2

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PATENT REEL: 021574 FRAME: 0104 When recorded please return to:

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

ATTORNEY DOCKET NO. 2007-0094USORG

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:

NAVIGATION DEVICE WITH DUAL AIRFLOW SENSORS

Filing date:	Serial No.:		
and renewals of and sub-	mprovement(s) set forth therein, and any stitutes for said application for Letters Pa which may be granted thereon or therei	itent, and any and all Letters Pa	itent of the United States and of
enjoyed by AVAGO, its si	authorize AVAGO to file applications in accessors, assigns, nominees or legal re ily may be granted, reissued or extende s assignment, and transfer not been ma	presentatives, to the full end of d, as fully and entirely as the sa	the term or terms for which said
executed and will not exerequest is made, and with to said invention(s) or implegal representatives, an improvement(s), said appall disclaimers and division and generally to do every	y covenant that I/we have full right to concute any agreement in conflict herewith, out undue delay, execute and deliver all the provement(s), said application and said I I/we agree to communicate to AVAGO, slication and said Letters Patents, to testionals, continuations, C-I-P's, relssue and thing possible to ald AVAGO, its success to benefit, proper patent protection for said be incurred by me/us in lending such continuations and the said and all all all all all all all all all al	and I/we further covenant and such papers as may be necessa etters Patent, to AVAGO, its su or to its nominee, all known fact by in any legal proceedings, to se foreign applications, to make al sors, assigns, nominees and leg tinvention(s) or improvement(s)	agree that I/we will, each time a ry or desirable to perfect the title ccessors, assigns, nominees or is respecting said invention(s) or ign all lewful papers, to execute I rightful oaths and declarations, all representatives to obtain and in any and all countries provided
AND I/we hereby of any country or countrie AVAGO, as assignee of the any and all. Letters Pater in accordance with the terms.	r authorize and request the Commissione as foreign to the United States whose du ne entire right, title and interest, any and al nt of the United States which may be is arms of this assignment. Incrize and direct AVAGO attorneys to in docket number and title set forth above a	r of Patents and Trademarks of t ty it is to issue patents on appli I Letters Patent for said inventior sued and granted on or as a re-	he United States and any official cations as aforesaid, to issue to h(s) or improvement(s), including sult of the application aforesaid,
IN WITNESS W	HEREOF, I/we hereunto set my/our han	d(s) and seal(s):	
Nobujalca Inventor's Signature (Seal)	Utagata i	Date Assignment Signed: X	2008/9/22
Inventor's Typed Name: No	obutaka Itagaki	Date Application Signed	2008/9/22
State of County of)) ss.:)		
Before me this_ known or proved to me on the act and deed.	day of personally appear basis of satisfactory evidence to be the person	ed who acknowledged the foregoing instr	who is personally ument of assignment to be his/her free
		Notary Public My commission expires:	uggers gestingste mår stå til det det en
			Page 1 of 1

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

RECORDED: 09/23/2008

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:

NAVIGATION DEVICE WITH DUAL AIRFLOW SENSORS

Filing date: Serial No.:______

and renewals of and substitutes for said application countries foreign thereto which may be granted the	rein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, for Letters Patent, and any and all Letters Patent of the United States and of reon or therefor; and any reissues, or reexaminations, or extensions of said
Letters Patents.	
enjoyed by AVAGO, its successors, assigns, nomine	pplications in my/our name for Letters Patent in any country, to be held and ses or legal representatives, to the full end of the term or terms for which said d or extended, as fully and entirely as the same would have been held and not been made;
executed and will not execute any agreement in con- request is made, and without undue delay, execute a to said invention(s) or improvement(s), said applicati- legal representatives, and I/we agree to communicat- improvement(s), said application and said Letters Pa all disclaimers and divisionals, continuations, C-I-P's and generally to do everything possible to aid AVAG enforce, for its or their own benefit, proper patent prot	ull right to convey the entire interest herein assigned, and that I/we have not ifflict herewith, and I/we further covenant and agree that I/we will, each time a not deliver all such papers as may be necessary or desirable to perfect the title ion and said Letters Patent, to AVAGO, its successors, assigns, nominees or e to AVAGO, or to its nominee, all known facts respecting said invention(s) or atents, to testify in any legal proceedings, to sign all lawful papers, to execute is, reissue and foreign applications, to make all rightful oaths and declarations, O, its successors, assigns, nominees and legal representatives to obtain and ection for said invention(s) or improvement(s) in any and all countries provided inding such cooperation and assistance are paid by AVAGO;
of any country or countries foreign to the United Sta AVAGO, as assignee of the entire right, title and intere any and all Letters Patent of the United States which in accordance with the terms of this assignment. I/we further authorize and direct AVAGO as identified by the attorney docket number and title set	Commissioner of Patents and Trademarks of the United States and any official tes whose duty it is to issue patents on applications as aforesaid, to issue to est, any and all Letters Patent for said invention(s) or improvement(s), including the may be issued and granted on or as a result of the application aforesaid, attorneys to insert the serial number and filing date of said application now 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 se	t my/our hand(s) and seal(s):
Inventor's Signature (Seal)	Date Assignment Signed: X
inventor's digitature (dear)	
Inventor's Typed Name: Nobutaka Itagaki	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 act and deed.	rsonally appeared who is personally be the person who acknowledged the foregoing instrument of assignment to be his/her free
	Notary Public
	My commission expires:
	m 4

Page 1 of 1

PATENT REEL: 021574 FRAME: 0106