Docket No.: **2008-049USORG**

FORM PTO-1595 (Modified) (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08A/REV04	RECORDATION FORM COVER SHEET # PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Osvaldo BUCCAFUSCA

Atul GOEL

Steven MARTIN

Joel PHILLIBER

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: **Avago Technologies Wireless IP (Singapore)Pte.Ltd**

Address: **No. 1 Yishun Avenue 7**

City: _____ State/Prov.: _____

Country: **Singapore**   ZIP: **768923**

Additional name(s) & address(es)   ☐ Yes   ☒ No

3. Nature of conveyance:

☒ Assignment   ☐ Merger

☐ Security Agreement   ☐ Change of Name

☐ Other _____

Execution Date: 29 June 2009

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.	Filing date	B. Patent No.(s)
12/494,847	**30 June 2009**	

Additional numbers   ☐ Yes   ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Scott A. Weitzel, Esq.

Registration No.   **54,534**

Address: **AVAGO TECHNOLOGIES, LTD.**

4380 Ziegler Road

City: **Fort Collins**   State/Prov.: **CO**

Country: **USA**   ZIP: **80525**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.................$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-3718

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William S. Francos	/William S. Francos/	1 July 2009
Name of Person Signing	Signature	Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
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Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA 22313-1450

700412009

PATENT

REEL: 022896 FRAME: 0419

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

I/We, the undersigned (each) have agreed and hereby agree to assign to Avago Technologies Wireless IP (Singapore) Pte. Ltd. (Company Registration No. 200512332K), 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:

MULTI-FREQUENCY ACOUSTIC ARRAY

> **Filing date:**_____ Serial No._____

and the invention(s) and improvements(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 said 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 Patent.

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 my 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 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 improvements(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's 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.

_____   Date Assignment Signed:_6|29|09_

Inventor's Signature

Inventor's Typed Name: Atul Goel   Date Application Signed:_6|29|09_
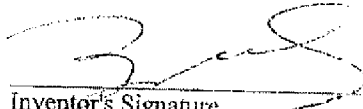
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AVAGO TECHNOLOGIES, LTD.   ATTORNEY DOCKET NO. 2008-049USORG
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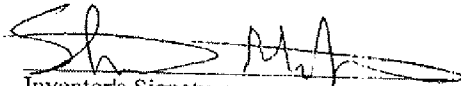Fort Collins, Colorado 80525

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature
Inventor's Typed Name: Osvaldo Buccafusca

Date Assignment Signed: 6-29-09
Date Application Signed: 6-29-09

Inventor's Signature
Inventor's Typed Name: Steven Martin

Date Assignment Signed: 6/29/09
Date Application Signed: 6/29/09

Inventor's Signature
Inventor's Typed Name: Joel Philliber

Date Assignment Signed: 6/29/09
Date Application Signed: 6/29/09