

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Skyworks Solutions Inc.	09/10/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Avago Technologies Wireless IP (Singapore) Pte. Ltd.
<b>Street Address:</b>	No. 1 Yishun Avenue 7
<b>City:</b>	Singapore
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	768923
<b>PROPERTY NUMBERS Total: 19</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7544612
Patent Number:	7414350
Patent Number:	7557430
Patent Number:	7535323
Application Number:	11346020
Application Number:	12215950
Application Number:	12221276
Application Number:	12221273
Application Number:	11801446
Application Number:	12150240
Application Number:	12150244
Application Number:	12283574
PCT Number:	US0808171
PCT Number:	US0809320
PCT Number:	US0809317

CH \$760.00 7544612

**500967892**

**PATENT**  
**REEL: 023254 FRAME: 0726**

PCT Number:	US0810679
PCT Number:	US0941265
Application Number:	12148836
Application Number:	12466064

#### 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: kathy.manke@avagotech.com

Correspondent Name: Kathy Manke

Address Line 1: 4380 Ziegler Road

Address Line 4: Fort Collins, COLORADO 80525

ATTORNEY DOCKET NUMBER:	SKYWORKS
-------------------------	----------

NAME OF SUBMITTER:	KathyManke
--------------------	------------

Total Attachments: 4  
source=Assignment#page1.tif  
source=Assignment#page2.tif  
source=Assignment#page3.tif  
source=Assignment#page4.tif

**EXHIBIT B**

**PATENT ASSIGNMENT AGREEMENT**

WHEREAS, **SKYWORKS SOLUTIONS INC.**, having a place of business at 20 Sylvan Rd., Woburn, MA 01801 (hereinafter "Seller") is the sole and exclusive owner of certain United States and/or foreign patents and/or patent applications listed in Schedule A annexed hereto (collectively referred to as the "Patents"); and

WHEREAS **Avago Technologies Wireless IP (Singapore) Pte. Ltd.**, having a place of business at 1 Yishun Avenue 7, Singapore 968723 (hereinafter "Purchaser") is desirous of acquiring the right, title and interest in, to and under the said Patents (and all foreign counterparts and related foreign patents).

*Now, Therefore,*

For good and valuable consideration, the receipt of which is hereby acknowledged, Seller does hereby irrevocably sell, assign, transfer, convey and set over to Purchaser, subject to existing encumbrances, the Patents aforesaid, and any inventions claimed in said Patent, any reissue or reissues of said Patents already granted and which may be granted, any certificates of reexamination already granted and which may be granted the same to be held and enjoyed by Purchaser for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, to the end of the term or terms for which said Patents are or may be granted, reissued or extended as fully and entirely as the same would have been held and enjoyed by Seller, if this assignment and sale had not been made; together with all claims for damages by reason of past, current, and future infringement and/or provisional rights under said Patents, with the right to sue for, and collect the same for its own use and behalf, and for the use and behalf of its successors, assigns or other legal representatives.

And, Seller, hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States on said inventions to Purchaser as assignee of the entire interest.

In Witness Whereof, Seller has executed this Assignment by its duly authorized representative.

**SKYWORKS SOLUTIONS, INC.**

By: Robert J. Terry

Name: ROBERT J. TERRY

Title: ASST. GENERAL COUNSEL & ASST. SECRETARY

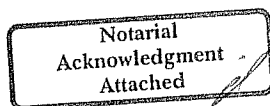
Date: SEPTEMBER 10, 2009

State of \_\_\_\_\_

County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2009 before me personally appeared \_\_\_\_\_ to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.



Notary Public

My Commission Expires: \_\_\_\_\_

## ALL PURPOSE ACKNOWLEDGMENT

STATE OF CALIFORNIA  
COUNTY OF ORANGE

}  
}ss  
}

On SEPTEMBER 10, 2009 before me Judi Lowenthal, Notary Public, personally appeared

ROBERT J. TERRY

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Judi Lowenthal



(NOTARY SEAL)

**ATTENTION NOTARY:** Although the information requested below is **OPTIONAL**, it could prevent fraudulent attachment of this certificate to another document.

THIS CERTIFICATE **MUST** BE ATTACHED TO THE DOCUMENT DESCRIBED BELOW.

Title of Document Type EX-B-PATENT ASSIGNMENT AGREEMENT

Number of Pages 1 Date of Document 9/10/09

Signer(s) Other Than Named Above \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## **Schedule A**

### **Patents**

<b>Patent No.</b>	<b>Title/Related Applications</b>
7,544,612	Method and structure for reducing the effect of vertical steps in patterned layers in semiconductor structures
7,414,350	Acoustic mirror structure for a bulk acoustic wave structure and method for fabricating same [Divisional Patent Application No. 12/148,836]
7,557,430	Semiconductor seal ring [Divisional Patent Application No. 12/466,064] [Foreign cases in EP, JP, KR]
7,535,323	Bulk acoustic wave filter with reduced nonlinear signal distortion [Foreign Cases in EP, KR]

### **Patent Applications**

<b>Application No.</b>	<b>Title/Related Applications</b>
11/346,020	Via Having Etch Rate Variation Tolerance and Method for Fabricating Same
12/215,950	Method for Forming an Acoustic Mirror with Reduced Metal Layer Roughness and Related Structure [PCT Application No. PCT/US2008/008171]
12/221,276	Method for Forming a Multi-Layer Electrode Underlying a Piezoelectric Layer and Related Structure [PCT Application No. PCT/US2008/009320]
12/221,273	Bulk Acoustic Wave Structure with Aluminum Copper Nitride Piezoelectric Layer and Related Method [PCT Application No. PCT/US2008/009317]
PCT/US2008/010679	BAW Structure with Reduced Topographic Steps and Related Method
11/801,446	Single-Ended to Differential Duplexer Filter

12/150,240	Bulk Acoustic Wave Resonator With Controlled Thickness Region Having Controlled Electromechanical Coupling
12/150,244	Bulk Acoustic Wave Resonator With Reduced Energy Loss [PCT Application No. PCT/US2009/041265]
12/283,574	Method for Wafer Trimming for Increased Device Yield
Invention - 08SKY0045 Not Yet Filed	A new hybrid BAW Resonator structure of FBAR and SMR