PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: **NEW ASSIGNMENT**

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WIDCOMM, INC.	02/01/2005

RECEIVING PARTY DATA

Name:	BROADCOM CORPORATION
Street Address:	16215 ALTON PARKWAY
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92618

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11615619

CORRESPONDENCE DATA

Fax Number: (770)951-0933 7709339500 Phone:

maddie.weller@tkhr.com Email:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Scott A. Horstemeyer

Address Line 1: 400 Interstate North Parkway

Address Line 2: **Suite 1500**

Address Line 4: Atlanta, GEORGIA 30339

ATTORNEY DOCKET NUMBER: 50227-3900

NAME OF SUBMITTER: Scott Horstemeyer

Total Attachments: 2

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PATENT

REEL: 027356 FRAME: 0524 501750098

ASSIGNMENT

This Assignment is made and effective as of the 10th day of May, 2004, by WIDCOMM, INC., a company organized and existing under the laws of California (hereinafter referred to as the "ASSIGNOR"), and BROADCOM CORPORATION, a company organized and existing under the laws of California (hereinafter referred to as the "ASSIGNEE").

ASSIGNOR was the surviving corporation in a merger between the ASSIGNOR and WC Acquisition Corporation, a California corporation and wholly owner subsidiary of Broadcom Corporation. ASSIGNOR is the owner of the entire right, title and interest in and to the United States Patents and Patent Applications listed in Exhibit A (hereinafter collectively referred to as the "Assigned Patents and Patent Applications").

In consideration of good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, ASSIGNOR hereby assigns to ASSIGNEE, its successors and assigns, the entire right, title and interest in the invention or improvements disclosed in the Assigned Patents and Patent Applications, both United States and foreign, which either ASSIGNOR has filed or ASSIGNEE may file, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any continuation, continuation-in-part, divisional, re-examination, reissue or extension of such applications or patents, and further assigns to said assignee the priority right provided by the International Convention. This assignment shall specifically include, without limitation, rights to collect damages and payments for past, present or future infringements or misappropriations of any Assigned Patent or Patent Application, if applicable.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

WITNESS my hand this	15 day of february, 20	025
		1
	By: Wud	
	Dee Heno	lerson
	Senior Manager Intellectual I	Property Administration

PATENT REEL: 027356 FRAME: 0525

EXHIBIT A

6,643,336	09/524,326
6,654,614	09/531,720
6,691,173	09/832,435
6,891,820	09/844,625
6,973,058	09/924,306
	09/927,125
	09/933,630
	09/935,082
	09/945,200
	10/027,558
	10/035,567
	10/223,802
	10/229,636
	11/024,898
	11/230,139
	11/344,390

PATENT REEL: 027356 FRAME: 0526

RECORDED: 12/09/2011