#### PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONV	EYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA				
Name Execution Date				
Broadcom International Limited 01/29/2010				
RECEIVING PARTY DATA				
Name:	Broadcom Corporation			
Street Address:	5300 California Avenue			
City:	Irvine			
	CALIFORNIA			
State/Country:				

#### PROPERTY NUMBERS Total: 18

Property Type	Number
Patent Number:	6898236
Patent Number:	6507608
Patent Number:	7023910
Patent Number:	7421015
Patent Number:	7369607
Patent Number:	7443916
Patent Number:	7433395
Patent Number:	7502336
Patent Number:	7177419
Patent Number:	7555037
Application Number:	11248704
Application Number:	11067434
Application Number:	11131392
Application Number:	11377114
Application Number:	11377084
	PATENT

Application Number:	11348	8733	
Application Number:	12287	577	
PCT Number:	US09	55821	
CORRESPONDENCE DATA			
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Correspondent Name: Ste	Correspondent Name: Steme, Kessler, Goldstein & Fox P.L.L.C		
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Address Line 4: Wa	Address Line 4: Washington, DISTRICT OF COLUMBIA 20005		
ATTORNEY DOCKET NUMBER:		2875.0000000 2 WIRE	
NAME OF SUBMITTER:		Robert Sokohl	
Total Attachments: 4 source=Executed Assignment from BIL to BRCM#page1.tif source=Executed Assignment from BIL to BRCM#page2.tif source=Executed Assignment from BIL to BRCM#page3.tif source=Executed Assignment from BIL to BRCM#page4.tif			

#### ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration, receipt of which is hereby acknowledged, **Broadcom International Limited**, a corporation organized under the laws of the Cayman Islands corporation, with a registered address at Zephyr House, Mary Street, P.O. Box 709 GT, George Town, Grand Cayman, Cayman Islands, British West Indies (hereafter referred to as the "Assignor"), hereby sells and assigns to **Broadcom Corporation**, a corporation formed under the laws of California, whose mailing address is 5300 California Avenue, Irvine, California 92617 (hereafter referred to as the "Assignee"), its entire right, title and interest for the United States of America (as defined in 35 U.S.C. § 100), and throughout the world, including the right to sue for past infringement and to collect for all past, present and future damages,

(a) in each of the Patents and Patent Applications that are described in detail in <u>Schedule A</u> and <u>Schedule B</u> annexed hereto and made a part hereof, and

(b) in any and all applications that claim the benefit of the Patents and Patent Applications described in detail in <u>Schedule A</u> and <u>Schedule B</u>, including nonprovisional applications, continuing (continuation, divisional, or continuationin-part) applications, reissues, extensions, renewals, and reexaminations of such Patents and Patent Applications, to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in each of the Patents and Patent Applications that are described in detail on <u>Schedule A</u> and <u>Schedule B</u>, and in all forms of intellectual and industrial property protection derivable therefrom, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such Patents and Patent Applications, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The Assignor agrees to execute all papers necessary in connection with the applications and Letters Patents as above, and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

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The Assignor agrees to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the applications or Letters Patents or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application thereof and to cooperate with the Assignee at Assignee's expense in every reasonable way possible in obtaining evidence and going forward with such interference or patent enforcement act.

The Assignor agrees to perform all affirmative acts at Assignce's request and expense that may be necessary to obtain or ensure a grant of a valid patent to the Assignce.

The Assignor hereby represents that Assignor has full right and authority to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict therewith.

The Assignor hereby grants the patent practitioners associated with CUSTOMER NUMBER 49579 the power to insert in this assignment, including the attached <u>Schedule A</u> and <u>Schedule B</u>, any further information regarding the patents and patent applications so identified in such <u>Schedule A</u> and <u>Schedule B</u> that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

SIGNED on behalf of the said ASSIGNOR,

mak	COM INTERNATIONAL LIMITED
BROWD	OM INTERNATIONAL LIMITED
Signed:	Neuden ,
Name:	Dee Henderson Director, Intellectual Property Administration
Title:	
Date: 1/0	Ja/10
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# SCHEDULE A

# UNTIED STATES PATENTS AND UNITED STATES PATENT APPLICATIONS

	Application No.	Filing Date	Patent No.	Issue Date
1.	09/670,490	9/26/2000	6,898,236	5/24/2005
2.	09/791,970	2/22/2001	6,507,608	1/14/2003
3.	10/027,481	12/19/2001	7,023,910	4/4/2006
4.	10/789,552	2/26/2004	7,421,015	9/2/2008
5.	10/789,553	2/26/2004	7,369,607	5/6/2008
6.	10/721,445	11/24/2003	7,443,916	10/28/2008
7.	10/773,054	2/4/2004	7,433,395	10/7/2008
8.	10/883,520	6/30/2004	7,502,336	3/10/2009
9.	10/948,406	9/22/2004	7,177,419	2/13/2007
10.	11/377,083	3/15/2006	7,555,037	6/30/2009
11.	11/248,704	10/11/2005	N/A	N/A
12.	11/067,434	2/25/2005	N/A	N/A
13.	11/131,392	5/16/2005	N/A	N/A
14.	11/377,114	3/15/2006	N/A	N/A
15.	11/377,084	3/15/2006	N/A	N/A
16.	11/348,733	2/6/2006	N/A	N/A
17.	12/287,577	10/10/2008	N/A	N/A

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### **SCHEDULE B**

# INTERNATIONAL APPLICATIONS AND APPLICATIONS FILED UNDER THE PATENT COOPERATION TREATY (PCT)

<b></b>	Country	Application No.	Filing Date
1.	Canada	2,535,989	6/30/2005
2.	Canada	2,582,957	10/11/2005
3.	Canada	2,582,959	10/14/2005
4.	Canada	2,601,411	3/16/2006
5,	Canada	2,601,389	3/17/2006
6.	Europe	05 767 808.8	6/30/2005
7.	Europe	06 738 974.2	3/16/2006
8.	Europe	06 748 434.5	3/17/2006
9.	Mexico	MX/a/2007/011460	9/18/2007
10.	Mexico	MX/a/2007/011461	9/18/2007
11.	PCT	US09/55821	9/29/2009

**RECORDED: 09/23/2011**