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### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
GERASIMOS THEODORATOS	10/11/2012
KONSTANTINOS VRYSSAS	10/11/2012
HAMED PEYRAVI	10/11/2012
KOSTIS VAVELIDIS	10/11/2012

#### **RECEIVING PARTY DATA**

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State/Country:	CALIFORNIA	
Postal Code:	92617	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14798086

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ATTORNEY DOCKET NUMBER:	2875.9230001
NAME OF SUBMITTER:	LAUREN C SCHLEH
SIGNATURE: /Lauren C. Schleh, Reg. No. 65,457/	
DATE SIGNED:	07/14/2015

#### **Total Attachments: 3**

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> **PATENT REEL: 036077 FRAME: 0883** 503390665

#### ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: Gerasimos THEODORATOS, Konstantinos VRYSSAS, Hamed PEYRAVI and Kostis VAVELIDIS (hereafter referred to as "Assignors"), hereby sell and assign 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 Schedule A, 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 Schedule A, including non-provisional applications, continuing (continuation, divisional, or continuation-in-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 Schedule A, 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 Assignors had this assignment and sale not been made.

The Assignors agree 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.

PATENT REEL: 036077 FRAME: 0884 The Assignors agree 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 Assignors agree to perform all affirmative acts at Assignee's request and expense that may be necessary to obtain or ensure a grant of a valid patent to the Assignee.

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

The Assignors hereby grant the patent practitioners associated with CUSTOMER NUMBER 49579 the power to insert in this assignment, including the attached Schedule A, any further information regarding the patents and patent applications so identified in such Schedule A 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 of the said ASSIGNORS,			
Date:_	10/11/2012	Signature of Inventor: _	C TURODORATOS
Data	10/11/2017	Signature of Inventor: _	Gerasimos THEODORATOS
		_	Konstantiflos NRYSSAS
Date:_	10/11/2012	Signature of Inventor:	Illamed PEYRAVI
Date:_	10/11/2012	Signature of Inventor:	Kostis VAVELIDIS

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#### SCHEDULE A

# UNITED STATES PATENTS, UNITED STATES PATENT APPLICATIONS AND INTERNATIONAL APPLICATIONS THAT DESIGNATE THE UNITED STATES

	Application No.	Filing Date	Patent No.	Issue Date	
1. 2.	13/435,763 61/556,094	03/30/12 11/04/11			

## OTHER INTERNATIONAL APPLICATIONS AND PATENTS

	Country	Application No.	Patent No.
1.	Greece	20120100167	

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PATENT REEL: 036077 FRAME: 0886

**RECORDED: 07/14/2015**