PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ka Shun Carson PUN	09/30/2010
Alfred GRAU BESOLI	09/29/2010
Jesus CASTANEDA	09/29/2010
Brima IBRAHIM	09/30/2010
David GARRETT	09/30/2010
Siukai MAK	09/30/2010

RECEIVING PARTY DATA

Name:	Broadcom Corporation		
Street Address:	5300 California Avenue		
City:	Irvine		
State/Country:	CALIFORNIA		
Postal Code:	92617		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12895497

CORRESPONDENCE DATA

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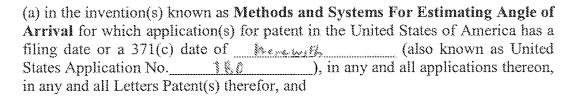
ATTORNEY DOCKET NUMBER:	2525.3360001
NAME OF SUBMITTER:	/Jeffrey T. Helvey/
	PATENT

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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: Ka Shun Carson PUN, Alfred GRAU BESOLI, Jesus CASTANEDA, Brima IBRAHIM, David GARRETT, and Siukai MAK 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), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,



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- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, 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 undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with CUSTOMER NUMBER 49579 the power to insert in this assignment any further identification 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.

The undersigned inventors hereby represent that he/she understands that the patent practitioners associated with CUSTOMER NUMBER 49579 are the legal representatives of, and attorneys for, the assignee, and are NOT the legal representatives of, and attorneys for, the inventors.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name. Signature of Inventor: __ Signature of Inventor: Alfred GRAU BESOLI Signature of Inventor: Jesus CASTANEDA Signature of Inventor: _ Brima IBRAHIM Signature of Inventor: David GARRETT Date: 9/30/2010

Page 2 of 2

Signature of Inventor:

Siukai MAK

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Signature of Inventor:
Ka Shun Carson PUN
Signature of Inventor:
Alfred GRAU BESOLI
Signature of Inventor: All Costaniels Jesus CASTANEDA
Jesus CASTANEDA
Signature of Inventor:
Brima IBRAHIM
Signature of Inventor:
David GARRETT
Signature of Inventor:
Siukai MAK

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(a) in t	the invent	ion(s) k	nown as N	Lethods and	System	ns Fo	r Esti	mating A	angle of
Arriv	al for whi	ch appli	ication(s) i	for patent in	the Un	ited S	tates (of Ameri	ca has a
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IN WITNESS WHEREOF,	executed by the undersit	sued miscinors on me date obbosic
his/her name.		
Date: 9/30/20/0	Signature of Inventor: _	Ka Shuri Carson PUN
Date:	Signature of Inventor: _	Alfred GRAU BESOLI
Date:	Signature of Inventor:	Jesus CASTANEDA
Date: 3/30/20/0	Signature of Inventor: _	Brima IBRAHIM
Date:	Signature of Inventor:	David GARRETT
Date: 9/30/2010	Signature of Inventor: _	Siukai MAK

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Date:	Signature of Inventor:	
Date: 9/30/2010	Signature of Inventor:	Brima IBRAHIM
		David GARRETT
Date:	Signature of Inventor:	
	-	Siukai MAK

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RECORDED: 09/30/2010