PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name	Execution Date	
Umer Khan			05/23/2007	
Kenneth E. Venner			05/22/2007	
Name:	Broadcom Corporation			
Street Address:	5300 California Avenue			
City:	Irvine			
State/Country:	CALIFORNIA			
Postal Code: 92617-3038				
PROPERTY NUMBERS Total: 1				
Property Type				
Property Ty	ype	Number		0
Property Ty Application Number:		Number 17255		17255
	130) 13017255
Application Number:	130			
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Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone:	E DATA 6123328352 be sent via US Mail 301-718-225	When the fax attempt is unsuccessful.		\$40.00
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Application Number: CORRESPONDENCE Fax Number: <i>Correspondence will L</i> Phone: Email: Correspondent Name	E DATA 6123328352 be sent via US Mail 301-718-225 chartness@c : Thomas C. F	17255 <i>when the fax attempt is unsuccessful.</i> 9 paglobal.com iala		\$40.00
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ASSIGNMENT

In consideration of the sum of one dollar (\$1.00) or equivalent and other good and valuable consideration paid to the undersigned inventor(s): <u>Umer Khan and</u> <u>Kenneth E. Venner</u>, hereby sell and assign to <u>Broadcom Corporation</u>, a corporation formed under the laws of <u>California</u>, whose mailing address is <u>5300</u> <u>California Avenue</u>, <u>Irvine</u>, <u>California 92617-3038</u> (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,

(a) in the invention(s) known as <u>Improved Power Management for</u> <u>Power-Over-Ethernet-Capable Switch</u> for which application(s) for patent in the United States of America will be filed on <u>May 24, 2007</u> (also known as United States Application No. <u>(to be assigned)</u> (Attorney Docket No. <u>A05.00160000</u>), in any and all applications thereon, in any and all Letters Patent(s) therefore, and

(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-inpart) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefore listed above in part (a), to the full extent of the term or terms for which Letters Patent 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 property protection derivable from such patent application, and that are derivable from any and all continuing patent 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 therefore; 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 inventor(s) 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.

Appl. No. (to be assigned) Docket No. A05.00160000

The undersigned inventor(s) 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 inventor(s) 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 inventor(s) hereby grant the patent practitioners associated with **CUSTOMER NUMBER 68365** 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.

IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date: <u>5/23/2007</u> Signature of Inventor: <u>Uner Khan</u> Umer Khan Date: <u>5/22/07</u> Signature of Inventor: <u>Europe</u> Units Kenneth E. Venner

RECORDED: 10/11/2012