JAN-03-1996 22:44

P . Ø2/11 U.S. Department of COMMERCE Joiteg States Patent and Trademark Office

ann PTO-1595 (Rev. 07/05) MBI No. 0651-0027 (axp. 6/30/2008)	U.S. Department of COMMERCE United States Patent and Trademark Office		
RECORDATION FO			
PATENT			
To the Director of the U.S. Patents and Trademark Office: Pleas	e record the attached documents or the new address(es) below. 2. Name and address of receiving party(les)		
I, Name of conveying party(ies): I, Wael William Diab	Name: Broadcom Corporation		
2. Howard Frazier	Internal Address:		
Additional name of conveying party(ies) attached? 🛄 Yes 🖾 No			
	Street Address: 5300 California Avenue		
3, Nature of conveyance/Execution Date(s):			
	City: Irvine		
Execution Date(s) <u>August 20, 2008</u>	State: CA		
Assignment Merger	Country: USA Zip: 92617		
Security Agreement Change of Name			
Joint Research Agreement	Additional name(s) & address(es) attached? 🗋 Yes 🔯 No		
Government Interest Assignment			
Executive Order 9424, Confirmatory License			
Other Corrective Assignment to correct the Conveying Party			
Data to include additional assignor Howard Frazier inadvertently left off original recordation form recorded ast Reel 021725 Frame 0227.			
4. Application number(s) or patent number(s):	This document is being filed together with a new application.		
A. Patent Application No.(s)	B. Patent No.(s)		
12/200,551			
Additional numbers att	ached? 🗋 Yes 🛛 No		
	6. Total number of applications and patents involved:		
Name and address to whom correspondence concerning document should be mailed:			
Name: McAndrews, Held & Malloy, Ltd.			
Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u>		
	Authorized to be charged by credit card		
Street Address: 500 West Madison Street	 Authorized to be charged by credit card Authorized to be charged to deposit account 		
	 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed 		
Street Address: 500 West Madison Street	 Authorized to be charged by credit card Authorized to be charged to deposit account 		
Street Address: 500 West Madison Street 34 th Floor	 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 		
Street Address: 500 West Madison Street 34 th Floor City: Chicago State; IL Zip: 60661	 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information 		
Street Address: 500 West Madison Street 34 th Floor City: Chicago State; IL Zip: 60661 Phone Number : (312) 775-8000	 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 		
Street Address: 500 West Madison Street 34 th Floor City: Chicago State; IL Zip: 60661 Phone Number : (312) 775-8000 Fax Number: (312) 775-8200	 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers 		
Street Address: 500 West Madison Street 34 th Floor City: Chicago State; IL Zip: 60661 Phone Number : (312) 775-8000	 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number <u>13-0017</u> 		
Street Address: 500 West Madison Street 34 th Floor City: Chicago State; IL Zip: 60661 Phone Number : (312) 775-8000 Fax Number: (312) 775-8200 Email Address; mhmpto@mcandrews-ip.com	 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number <u>13-0017</u> 		
Street Address: 500 West Madison Street 34 th Floor City: Chicago State; IL Zip: 60661 Phone Number : (312) 775-8000 Fax Number: (312) 775-8200	 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number <u>13-0017</u> 		
Street Address: 500 West Madison Street 34 th Floor City: Chicago State; IL Zip: 60661 Phone Number : (312) 775-8000 Fax Number: (312) 775-8000 Email Address; mhmpto@mcandrews-ip.com 9. Signature :	Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 13-0017 Authorized User Name McAndrews Held & Malloy, Ltd. 12./2./6./ Date		
Street Address: 500 West Madison Street 34 th Floor City: Chicago State; IL Zip: 60661 Phone Number : (312) 775-8000 Fax Number: (312) 775-8200 Email Address; mhmpto@mcandrews-ip.com 9. Signature :	Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) None required (government interest not affecting title) Required Card Ca		

REEL: 021919 FRAME: 0963

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

1

11/17/2008 500705969

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT				
NATURE OF CONVEYANCE:			Corrective Assignment to correct the Conveying Party Data to include additional assignor left off previous recordation but Assignment is correct previously recorded on Real 021725 Frame 0227. Assignor(s) hereby confirms the assignment to Broadcom Corporation		
CONVEYING PARTY	DATA				-
Name			Execution Date	-	
Wael William Diab			08/20/2008		
Howard Frazier			08/20/2008		
RECEIVING PARTY	DATA				-
Name:	Breadcom Corporation				
Street Address:	5300 California Avenue				-
City:	Irvine				
State/Country:	CALIFORNIA				4
Postal Code:	92617				
PROPERTY NUMBE	RS Total: 1				
Property Type			Number		
Application Number		12200	0551		
CORRESPONDENC	E DATA				
Fax Number:	(312)77 he set tie (15		v when the fax attempt is unsuccessful.		
Phone:	312775				
Email:	mhmpt	o@mca	andrews-ip.com		
Correspondent Nam			Heid & Malloy, Ltd.		
Address Line 1:			dison Street, 34th Floor		
Address Line 4:	Chicag	o, ILLIN	NOIS 60661		
ATTORNEY DOCKET NUMBER:			19270US02		
NAME OF SUBMITTER:			Chad M. Gilles		
Total Attachments: 3	3				

source=19270US02-Assignment_As_Filed#page1.tif source=19270US02-Assignment_As_Filed#page2.ttf source=19270US02-Assignment_As_Filed#page3.tif

TO:MCANDREWS, HELD & MALLOY, LTD. COMPANY:500 WEST MADISON STREET, ST. -- P.09/11

Attomey Docket No. 19270US02

ASSIGNMENT

19270US02 File No.:

12/200,551 Serial No.:

Filing Date: August 28, 2008

Wael William Diab Inventor: Howard Frazier

in consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, each of the undersigned hereby assigns to Broadcom Corporation, incorporated under the laws of the state of California, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: "Method and System for Controlling a Clock Frequency in a Network Device Based on Aggregate Throughput of the Device", and identified as File No. 19270US02, in the offices of McANDREWS, HELD & MALLOY, LTD., and in provisional applications filed in the United States Patent and Trademark Office as Serial Numbers 61/014,253, 61/014,265, 61/014,278, and 61/014,293 filed on December 17, 2007, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, 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 patents, and further assigns to said assignee the priority right provided by the International Convention.

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

Each of the undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known.

Each of the undersigned warrants himself/herself to be the owner of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrants that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations, each of the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all continuation, continuation-in-part, divisional, re-examination, extension, and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue, reexamination, or extension of any Letters Patent that may be granted upon said application, and any and all applications and other document for Letters Patent in foreign countries on said invention or improvements, that said assignce, its successors

PATENT REEL: 021919 FRAME: 0966

Attorney Docket No. 19270US02

or assigns may deem necessary or expedient, and for the said considerations each of the undersigned authorizes said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agrees, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence and performing any and all other acts necessary to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Hours WITNESS my hand this 20⁻² day of ____ 2008 Wael William Dieł

PATENT REEL: 021919 FRAME: 0967

Attorney Docket No. 19270US02

P.11/11

WITNESS my hand this <u>20</u> day of <u>August</u> 2008. <u>Monson Fragues</u>

.

.

3 of 3

RECORDED: 11/17/2008

,