502328010 04/29/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Oscar E. Agazzi	03/03/2000
John L. Creigh	02/17/2000
Mehdi Hatamian	02/17/2000
David E. Kruse	03/06/2000
Arthur Abnous	03/20/2000
Henry Samueli	02/14/2000

RECEIVING PARTY DATA

Name:	Broadcom Corporation
Street Address:	5300 California Avenue
City:	Irvine
State/Country:	CALIFORNIA
Postal Code:	92617-3038

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12796431	

CORRESPONDENCE DATA

Fax Number: 7709510933

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: tina.schafer@thomashorstemeyer.com

Correspondent Name: Charles W. Griggers

Address Line 1: 400 Interstate North Parkway

Address Line 2: Suite 1500

Address Line 4: Atlanta, GEORGIA 30339

ATTORNEY DOCKET NUMBER:	050227-5840 (BU1247C2D4C2
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REEL: 030308 FRAME: 0636

PATENT

502328010

NAME OF SUBMITTER:	Charles W. Griggers	
Signature:	/Charles W. Griggers/	
Date:	04/29/2013	
Total Attachments: 7 source=01831947#page1.tif source=01831947#page2.tif source=01831947#page3.tif source=01831947#page4.tif source=01831947#page5.tif source=01831947#page6.tif source=01831947#page7.tif		

PATENT REEL: 030308 FRAME: 0637

Docket No. 36177/PQH/B600

Joint

ASSIGNMENT

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WHEREAS, WE, Oscar E. Agazzi, John L. Creigh, Mehdi Hatamian, David E. Kruse, Arthur Abnous, Henry Samueli, residing at 38 Deerfield, Irvine, California 92606; 19 Obiepo, Rancho Santa Margarita, California 92688; 25681 Pacific Hills, Mission Viejo, California 92692; Kosterijland 14, 3981 AJ Bunnik, THE NETHERLANDS; 460 Santa Barbara, Irvine, California 92606; and 30926 Steeplechase, San Juan Capistrano, California 92675, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled MULTI-PAIR GIGABIT ETHERNET TRANSCEIVER, Application No. 09/437,719, filed November 9, 1999 (Docket No. 36177);

AND WHEREAS BROADCOM CORPORATION, a California corporation, having a place of business at 16215 Alton Parkway, Irvine, California 92618 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

ASSIGNMENT Docket No. 36177/PQH	/B600		Joint
in testimony where	OF, I hereunto set 1	my hand this 3 day of Manch	عم2مد
		my hand this 3 day of March	
STATE OF)	Uscar E. Agaazi	
COUNTY OF)		
On	hafana		
acknowledged to me that he	evented the sees to	ally known to me (or proved to me on the name is subscribed to the within instruct in his authorized capacity, and that by his air alf of which the person acted, executed the in	ment and gnature on natrument.
		WITNESS my hand and official seal	l.
		Signature of Notary	
IN TESTIMONY WHEREO	*** F, I hereunto set m	y hand this day of	19
STATE OF		John L. Creigh	
COUNTY OF)		
)		
On	, before me	ly known to me (or proved to, Note	
acknowledged to me that he are	the person whose	ly known to me (or proved to me on the mame is subscribed to the within instruments authorized capacity, and that by his significant the person acted, executed the instruments of the second of the s	e basis of ment and
		WITNESS my hand and official seal.	
		Signature of Notary	·
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ASSIGNMENT Docket No. 36177/PG	}H/B600	Joint
IN TESTIMONY WHEI	REOF, I hereunto set n	ny hand thisday of 19
STATE OF COUNTY OF) }	Oscar E. Agazzi
acknowledged to me that	he executed the come in	Notary Public, ally known to me (or proved to me on the basis of name is subscribed to the within instrument and his authorized capacity, and that by his signature on
the instrument the person	, or the entity upon beh	all authorized capacity, and that by his signature on alf of which the person acted, executed the instrument. WITNESS my hand and official seal.
		Signature of Notary
IN TESTIMONY WHER	*** EOF , I hereunto set m	y hand this Tday of Fehruary, 18 200 John L. Creigh
COUNTY OF)	,
acknowledged to me that h	e executed the semain	Notary Public. lly known to me (or proved to me on the basis of name is subscribed to the within instrument and his authorized capacity, and that by his signature on alfofwhich the person acted, executed the instrument.
		WITNESS my hand and official seal.
		Signature of Notary
	the shorter of	*****

ASSIGNMENT Docket No. 36177/PC	}H∕B600	Jo	oin
IN TESTIMONY WHE	REOF, I hereunto set n	ny hand this 17th day of Feh. 18	
satisfactory evidence) to acknowledged to me that	be the person whose	Mehdi Hatamian Notary Pu Hally known to me (or proved to me on the basis name is subscribed to the within instrument at his authorized capacity, and that by his signature alf of which the person acted, executed the instrument with the person acted, executed the instrument and official seal.	s of avad
in testimony wher	*** EOF, I hereunto set m	Signature of Notary y hand this day of, 19	
STATE OF COUNTY OF) }	David E. Kruse	
satisfactory evidence) to acknowledged to me that h	e executed the same in 1	ly known to me (or proved to me on the basis name is subscribed to the within instrument a his authorized capacity, and that by his signature if of which the person acted, executed the instrumen	nd
		WITNESS my hand and official seal.	
		Signature of Notary	
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ASSIGNMENT		Joi
Docket No. 86177/PQH/F	3600	901
IN TESTIMONY WHEREO	F. I bereunto set m	y hand this day of, 19
STATE OF COUNTY OF)	Mahdi Hatamian
	•	
On	, before me	Notary Publ
		WITNESS my hand and official seal.
		Signature of Notary
	非常的	Signature of Notary
in testimony whereof	**** I, I hereunto set my	Signature of Notary hand this 6 day of March 15
in testimony whereof	**** T, I hereunto set my	Signature of Notary when this 6 day of March 19
STATE OF	**** I hereunto set my))	Signature of Notary y hand this 6 day of March 75 David E. Kruse
STATE OF COUNTY OF)	y hand this 6 day of March , 15
COUNTY OF COUNTY OF On personally appeared David I satisfactory evidence) to be tacknowledged to me that he ex)), before me c. Kruse personal he person whose personal	David E. Kruse Notary Public ly known to me (or proved to me on the basis of the within instrument and his authorized arrests.)
COUNTY OF On personally appeared David I satisfactory evidence) to be tacknowledged to me that he ex)), before me c. Kruse personal he person whose personal	David E. Kruse Notary Publication on the basis of the second of the sec

ASSIGNMENT Docket No. 36177/PQH/B(500	Join
IN TESTIMONY WHEREOF,	I hereunto set	my hand this 20 day of Maich 1200
STATE OF COUNTY OF)	Arthur Abnous
On	_, before me _	ally known to me (or proved to me on the basis of
action will dead to me that he over	و المهديد	ally known to me (or proved to me on the basis of a name is aubscribed to the within instrument and in his authorized capacity, and that by his signature on half of which the person acted, executed the instrument. WITNESS my hand and official seal.
		Signature of Notary
	:	**
in testimony whereof, i	hereunto set n	ny hand this 4 day of Fell 19200
STATE OF COUNTY OF)	Henry Samueli
weeticwittinged to me that he even		. Notary Public, ly known to me (or proved to me on the basis of name is subscribed to the within instrument and his authorized capacity, and that by his signature on life of which the person acted, executed the instrument.
		WITNESS my hand and official seal.
PQH/mg		Signature of Notary

ASSIGNMENT Docket No. 36177/PQH/	B 6 00	Join
IN TESTIMONY WHEREO	F, I hereunto set :	my hand thisday of, 19
STATE OF		Arthur Abnous
COUNTY OF)	
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personally engered A. (1	, before me	Ally known to me (or proved to me on the basis of
the instrument the person, or t	he entity upon beh	e name is subscribed to the within instrument and in his authorized capacity, and that by his signature on is alf of which the person acted, executed the instrument. WITNESS my hand and official seal.
		Signature of Notary
	Ward	**************************************
IN TESTIMONY WHEREOF	'. I hereunto set m	ny hand this 4 day of
STATE OF		Henry Samueli
COUNTY OF)	- Z
)	-
On	, before me	••
atisfactory evidence) to be the control of the cont	he person whose	Notary Public, Notary Public, lly known to me (or proved to me on the basis of name is subscribed to the within instrument and his authorized capacity, and that by his signature on lf of which the person acted, executed the instrument.
	o one of upon othe	n or which the person acted, executed the instrument.
		WITNESS my hand and official seal.
QH/mg		Signature of Notary

-4-

PATENT REEL: 030308 FRAME: 0644