503502151 09/30/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3548776

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVEN GERARD LEMIRE	03/20/2008
VUONG CAO NGUYEN	03/20/2008

RECEIVING PARTY DATA

Name:	EMULEX DESIGN AND MANUFACTURING CORP.	
Street Address:	3333 SUSAN STREET	
City:	COSTA MESA	
State/Country:	CALIFORNIA	
Postal Code:	92626	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14687470

CORRESPONDENCE DATA

Fax Number: (312)775-8100

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3127758000

Email: mhmpto@mcandrews-ip.com

Correspondent Name: MCANDREWS HELD & MALLOY LTD.

Address Line 1: 500 W. MADISON ST.

Address Line 2: STE. 3400

Address Line 4: CHICAGO, ILLINOIS 60661

ATTORNEY DOCKET NUMBER:	MBER: 27068US03	
NAME OF SUBMITTER:	WAYNE H. BRADLEY	
SIGNATURE: /Wayne H. Bradley/		
DATE SIGNED:	09/30/2015	

Total Attachments: 3

source=27068US03_Jt_Assignment_LeMire_Nguyen#page1.tif source=27068US03_Jt_Assignment_LeMire_Nguyen#page2.tif source=27068US03_Jt_Assignment_LeMire_Nguyen#page3.tif

PATENT 503502151 REEL: 036688 FRAME: 0649

Attorney Docket No.: 491442027600

ASSIGNMENT JOINT

THIS ASSIGNMENT, by **Steven Gerard LeMIRE**, and **Vuong Cao NGUYEN** (hereinafter referred to as the assignors), with a post office address of c/o Emulex Design & Manufacturing Corporation, 3333 Susan Street, Costa Mesa, California 92626, USA, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in **DATA BUS EFFICIENCY VIA CACHE LINE USURPATION**, set forth in an application for Letters Patent of the United States, which was filed on December 28, 2007 as U.S. Patent Application No. 11/966,900; and

WHEREAS, EMULEX DESIGN & MANUFACTURING CORPORATION, a corporation duly organized under and pursuant to the laws of the State of Delaware, and having its principal place of business at 3333 Susan Street, Costa Mesa, California 92626, USA (hereinafter referred to as the assignce), is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to he held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owner of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successor, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

1

Attorney Docket No.; 491442027600

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

The Undersigned hereby grant(s) the practitioners at Customer Number: 25224,

all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which 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.

accument.		
3/20/08	Stew Gerard Te Min	
Date	Steven Gerard LeMIRE Assignor	

State of California)	
) ss.	
County of ORANGE)	2
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	,	Public
On March 20, 2008	before me, <u>Nov</u>	ncy Marshall Notary personally appeared
Steven Gerard L	-e Mire	personally known to me or proved to me on the basis of
satisfactory evidence to be th	e person whose nat	ne is subscribed to the within instrument and acknowledged to me that
he/she executed the same in I	nis/her authorized c	apacity, and that by his/her signature on the instrument the person, or the
entity upon behalf of which t	he person acted, ex	ecuted the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Mancy Marshall (Notary signature)



2

Attorney Docket No.: 491442027600

The Undersigned hereby grant(s) the practitioners at Customer Number: 25224,

all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which 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.

3/20/08 Vuong Cao NGUYEN

State of California

) ss.

County of ORANGE

On March 20, 2008 before me, Nancy Marshall, Notary personally appeared

Vuong Cao Nguyen personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Mancy Marshall (Notary signature)

NANCY MARSHALL Commission # 1663395 Notary Public - California Orange County My Comm. Expires May 2, 2010

RECORDED: 09/30/2015