U.S. PTO 11/805581 05/23/2007

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05/23/2007 06-05-2007 Form P1 U.S. DEPARTMENT OF COMMERCE OMB No United States Patent and Trademark Office FORM COVER SHEET NTS ONLY 103413342 Please record the attached documents or the new address(es) below. To th 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Michael Yu LIU (5/16/2007), Bradley Eugene **Emulex Design & Manufacturing** ROACH (5/17/2007), Vuong Cao NGUYEN Corporation Name: (5/17/2007), Peter Mark FIACCO (5/17/2007), and Shak Loong KWOK (5/17/2007) Internal Address: X No Additional name(s) of conveying party(ies) attached? Yes Street Address: 3. Nature of conveyance/Execution Date(s): 3333 Susan Street Execution Date(s): in parentheses after inventor name x Assignment Merger Change of Name Security Agreement Joint Research Agreement Costa Mesa City: Government Interest Assignment California State: Executive Order 9424, Confirmatory License Country: United States of America Zip: 92626 Additional name(s) & address(es) Other X No attached? x This document is being filed together with a new application. 4. Application or patent number(s): A. Patent Application No.(s) B. Patent No.(s) This application Additional numbers attached? Yes x No 5. Name and address to whom correspondence 6. Total number of applications and concerning document should be mailed: patents involved: Glenn M. Kubota **MORRISON & FOERSTER LLP** 40.00 7. Total fee (37 CFR 1.21(h) & 3.41) Internal Address: Atty. Dkt.: 491442023100 Authorized to be charged by credit card Street Address: 555 West Fifth Street X Authorized to be charged to deposit account None required (government interest not affecting title) Los Angeles City: 8. Payment Information 90013-1024 Zip: a. Credit Card Last 4 Numbers (213) 892-5752 **Expiration Date** Phone Number: (213) 892-5454 03-1952 Fax Number: b. Deposit Account Number Authorized User Name Glenn M. Kubota GKubota@mofo.com_ Email Address: 9. Signature: May 23, 2007 Signature

Express Mail Label No.: EV809820849US

Hristo I. Vachovsky - 55,694

Name of Person Signing

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PATENT REEL: 019400 FRAME: 0988

Total number of pages including cover sheet, attachments, and documents:

ASSIGNMENT JOINT

THIS ASSIGNMENT, by Michael Yu LIU, Bradley Eugene ROACH, Vuong Cao NGUYEN, Peter Mark FIACCO, and Shak Loong KWOK (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 CHIP OVERHEATING PROTECTION, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; 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 assignee), 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.

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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.

parentheses (Applica	authorize and request the assignee's attorneys, Morriation number, filed, plication when known."	
5/16/2007.	Michael Lin Michael Yu LIU Assignor	·
05/17/2007 Date	Bradley E. Road Bradley Eugene ROACH Assignor	
<u>OS/17/20</u> 07 Date	Vuong Cao NGUYEN Assignor	
5 -11 - 2007 Date	Peter Mark FIACCO Assignor	·
05/17/2007 Date	Shak L Kwok Shak Loong KWOK Assignor	

STATE OF	California		
COUNTY OF	Orange		
On	5/16/07	before me, _	Nancy Marshall (Notary)
personally app	eared Michael Yu LIU, pers	sonally known to me, or	proved to me on the basis of
satisfactory ev	idence, to be the person who	ose name is subscribed	to the within instrument and
acknowledged	to me that he/she executed	the same in his/her auth	orized capacity, and that by his/her
signature on th	ne instrument the person, or	the entity upon behalf o	of which the person acted, executed
Commission : Notary Public - Orange Co My Comm. Expires	Collionia		
	Signature.	nancy m	urshau
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STATE OF	California Orange)	
of satisfactory acknowledged signature on the	evidence, to be the person to me that he/she executed ne instrument the person, or	ACH, personally known whose name is subscribe the same in his/ber auth the entity upon behalf of	Nancy Marshall (Notary) to me, or proved to me on the basis ed to the within instrument and horized capacity, and that by his/her of which the person acted, executed
Commission	County Signature:	nancy m	arshall

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STATE OF	California		
COUNTY OF _	Orange		
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On	5/17/0	before me, Nar	ncy Marshall (Notary)
personally appe	ared Vuong Cao NGUY	EN, personally known to me	e, or proved to me on the basis of
satisfactory evid	dence, to be the person w	hose name is subscribed to	the within instrument and
acknowledged t	o me that he/she execute	d the same in his/her author	ized capacity, and that by his/her
signature on the	instrument the person, o	or the entity upon behalf of v	which the person acted, executed
the instrument.			
WITNE	SS my hand and official	seal.	
NAME OF THE PARTY	APPLIAL (
Commission a	1663398 Signature:	nancy mar	shall
Orange (My Comm, Expire	County 🖡	•	
[Seal]			
STATE OF	California)	
COUNTY OF _	Orange)	
On	5/17/07	before me, Nar	ncy Marshall (Notary)
personally appe	ared Peter Mark FIACC	O, personally known to me,	or proved to me on the basis of
satisfactory evid	dence, to be the person w	hose name is subscribed to	the within instrument and
acknowledged t	to me that he/she execute	d the same in his/her author	rized capacity, and that by his/ber
signature on the	instrument the person,	or the entity upon behalf of	which the person acted, executed
the instrument.			
WITNE	SS my hand and official	seal.	
NANCY MAR Commission #			•
Notary Public - Orange Co	California Signature:	nancy ma	rshall
My Comm. Expires	May 2, 2010	V	
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STATE OF Californi	<u>a</u>)		
COUNTY OF Orange		_)		
On	117/07	before me,	Nancy Marshall	(Notary)
personally appeared Shak l	Loong KWOK, perso	onally known to r	ne, or proved to me	e on the basis of
satisfactory evidence, to be	the person whose na	ame is subscribed	I to the within instr	ument and
acknowledged to me that h	e/she executed the sa	ame in his/her au	thorized capacity, a	and that by his/her
signature on the instrumen	t the person, or the en	ntity upon behalf	of which the perso	n acted, executed
the instrument.				
NAMES MARCHAN V has Commission 1 1003398 Notary Public - California Orange County My Comm. Expires May 2, 2010	d and official seal. Signature: <u> </u>	ancy m	arshall	

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RECORDED: 05/23/2007

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PATENT REEL: 019400 FRAME: 0993