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Name of conveying party(les):	2. Name and address of receiving party(ies)
Mukund CHAVAN, Parag BHIDE, Chaitanya	Name: Emulex Design & Manufacturing Corporation
TUMULURI, Ravindra Sadanand SHENOY	
Additional name(s) of conveying party(ies) attachod?	Internal Address: Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s): July 17, 2008	3333 Susan Street
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City: Costa Mesa
Government Interest Assignment	State: California
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 92626
Other	Additional name(s) & address(es) Yes X No
	attached?
4. Application or patent number(s): A. Patent Application No.(s) 12/176,266	This document is being filed together with a new application. B. Patent No.(s)
Additional numbers attached?	Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Glenn M. Kubota	
MORRISON & FOERSTER LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: 491442028900	Authorized to be charged by credit card
Street Address: 555 West Fifth Street	x Authorized to be charged to deposit account
	Enclosed
	None required (government interest not affecting title)
City: Los Angeles	8. Payment Information
State: CA Zip: 90013-1024	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: (213) 892-5752 Fax Number: (213) 892-5454	
Fax Number:(213) 892-5454	b. Deposit Account Number 03-1952 Authorized User Name Glenn M. Kubota
	with the latest state of the st
9. Signature:	
<u> </u>	July 18, 2008
\$ignature	Date
Glenn M. Kubota - 44,197 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents: 7
Hante of Leison Silimin	

PATENT REEL: 021262 FRAME: 0086

ASSIGNMENT JOINT

THIS ASSIGNMENT, by Mukund Chavan; Parag Bhide; Chaitanya Tumuluri; and Ravindra Sadanand Shenoy (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 **HARDWARE SWITCH FOR HYPERVISORS AND BLADE SERVERS**, set forth in an application for Letters Patent of the United States, and (check all that apply)

\boxtimes	having an oath or declaration executed on even date herewith;	
	which is a U.S. Provisional application filed onas Noas No.	
Ħ	which was filed on as U.S. Patent Application No	
_	which is the nonprovisional of U.S. Provisional Application No.	filed
	on; 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 provisionals, 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 provisional, 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

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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.

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: 42178,

all of Morrison & Foerster LLP and Emulex Corporation, 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.

7/(7/2-008 Date

Mukund Chavan Assignor

7/17/2008

Date

Parag Bhide

Assignor

7/17/2008

Chaitanya Tumuluri

Assignor

7/17/2008

e R

Ravindra Sadanand Shenoy

Assignor

STATE OF <u>California</u>

COUNTY OF <u>Sonta Clava</u>

On July 17, 2009 before me, <u>Katic J. Macies Notary</u> (here insert name and title of the officer), personally appeared MUKUND CHAVAN, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s)(is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity (ies), and that by fils/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) 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.

[Seal]

Signature: Kath J



STATE OF _	<u>Californi</u>	4	
COUNTY OF	Santa	Clava	,

On July 17,2008 ___ before me, Katie J. Macins | Notary Public (here insert name and title of the officer), personally appeared PARAG BHIDE, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in(his/her/their authorized capacity (ies), and that by(his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) 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.

[Seal]

Signature: Kati 5



STATE OF _	California	 _)
COUNTY OF	Santa Clava)

On July 17, 2008 before me, Katie J. Macias Notary (here insert name and title of the officer), personally appeared CHAITANYA TUMULURI, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is lere subscribed to the within instrument and acknowledged to me that he she/they executed the same in his/her/their authorized capacity (ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) 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.

[Scal]

Signature: Karri



STATE OF	Californi	<u>a</u>	_)
COUNTY OF	Santa	Clava)

On July 17, 2008 before me, Kathe J. Macias Notary Publication name and title of the officer), personally appeared RAVINDRA SADANAND SHENOY, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he she/they executed the same in his/her/their authorized capacity (ies), and that by his/her/their signature(s) on the instrument the person(s), or entity upon behalf of which the person(s) 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.

[Seal]

Signature:



MORRISON

FOERSTER

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FROM:

Cheryl Y. Price

DATE:

July 18, 2008

Number of pages with cover page:

8

RE: U.S. Patent Application No.12/176,266

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(Cheryl Price)

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