

Form PTO-1595 (Rev. 08/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
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### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies):**

Joseph Harold STEINMETZ (05/02/2008); Murthy  
KOMPELLA (05/02/2008); Narayan Rao  
AYALASOMAYAJULA (05/02/2008); Larry  
LOMELINO (05/02/2008)

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: Emulex Design & Manufacturing Corporation

Internal Address: \_\_\_\_\_

Street Address: 3333 Susan Street

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s): 05/02/2008

Assignment  Merger  Change of Name

Security Agreement  Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other \_\_\_\_\_

City: Costa Mesa

State: CA

USA Zip 92629

Additional name(s) & address(es) attached?  Yes  No

**4. Application or patent number(s):** 12/020,059  This document is being filed together with a new application.

A. Patent Application No.(s)

12/116,803

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Glenn M. Kubota

Internal Address: Atty. Dkt.: 491442025700

Street Address: Morrison & Foerster LLP  
555 West Fifth Street, Suite 3500

City: Los Angeles

State: CA Zip: 90013

Phone Number: 213.892.5752

Fax Number: 213.892.5454

Email Address: gkubota@mofa.com

**6. Total number of applications and patents involved:**

One

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** \_\_\_\_\_

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 03-1952  
Authorized User Name Glenn M. Kubota

**9. Signature:**



Signature

May 7, 2008

Date

Glenn M. Kubota  
Name of Person Signing

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

9

CH \$40.00 031952 12116803

## ASSIGNMENT JOINT

THIS ASSIGNMENT, by **Joseph Harold STEINMETZ, Murthy KOMPELLA, Narayan Rao AYALASOMAYAJULA, and Larry LOMELINO** (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 **SYSTEM AND METHOD FOR ENABLING MULTIPLE PROCESSORS TO SHARE MULTIPLE SAS WIDE PORTS**, 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 be 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.

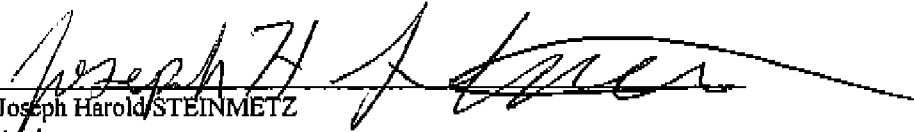
AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successor, legal representatives and assigns, shall advise that any 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.

Attorney Docket No.: 491442025700

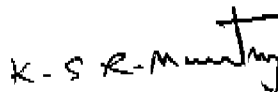
AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

"We hereby authorize and request the assignee's attorneys, Morrison & Foerster LLP, to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the application number and filing date of said application when known."

5/02/08  
Date

  
Joseph Harold STEINMETZ  
Assignor

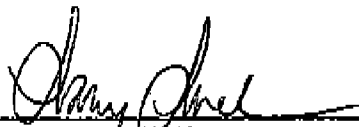
5/02/08  
Date

  
Murthy KOMPELLA  
Assignor

5/2/08  
Date

  
Narayan Raj AYALASOMAYAJULA  
Assignor

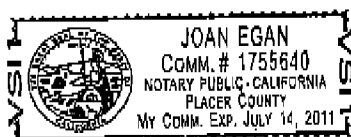
5/2/08  
Date

  
Larry LOMEINO  
Assignor

STATE OF Cal. Fernia  
COUNTY OF Placer

On May 2, 2008 before me, Joan Egan, Notary Public  
personally appeared JOSEPH HAROLD STEINMETZ, 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.

WITNESS my hand and official seal.



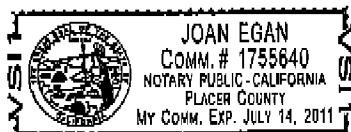
[Seal]

Signature: Joan Egan, Notary Public

STATE OF Cal. Fernia  
COUNTY OF Placer

On May 2, 2008 before me, Joan Egan, Notary Public  
personally appeared MURTHY KOMPPELLA, 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.

WITNESS my hand and official seal.



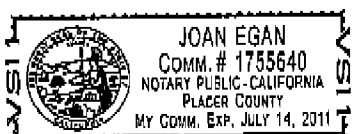
[Seal]

Signature: Joan Egan, Notary Public

STATE OF California  
COUNTY OF Placer

On May 2, 2008 before me, Joan Egan, Notary Public  
personally appeared NARAYAN RAO AYALASOMAYAJULA, 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.

WITNESS my hand and official seal.



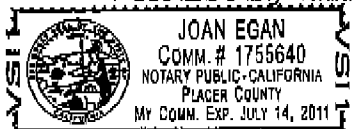
Signature: Joan Egan, Notary Public

[Seal]

STATE OF California  
COUNTY OF Placer

On May 2, 2008 before me, Joan Egan, Notary Public  
personally appeared LARRY LOMELINO, 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.

WITNESS my hand and official seal.



Signature: Joan Egan, Notary Public

[Seal]

### ACKNOWLEDGMENT

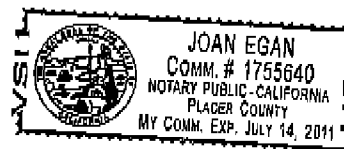
State of California  
County of Placer

On May 2, 2008 before me, Joan Egan, Notary Public  
(insert name and title of the officer)

personally appeared Joseph Harold Steinmetz  
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 the 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.



Signature Joan Egan, Notary Public (Seal)

### ACKNOWLEDGMENT

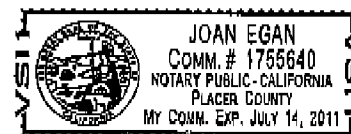
State of California  
County of Placer

On May 2, 2008 before me, Joan Egan, Notary Public  
(insert name and title of the officer)

personally appeared Larry Lomelino  
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 the 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.



Signature Joan Egan, Notary Public (Seal)

### ACKNOWLEDGMENT

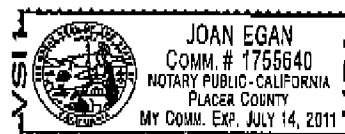
State of California  
County of Placer

On May 2, 2008 before me, Joan Egan, Notary Public  
(insert name and title of the officer)

personally appeared Murthy Kompella  
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 the 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.



Signature Joan Egan, Notary Public (Seal)



### ACKNOWLEDGMENT

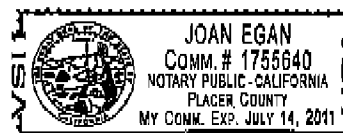
State of California  
County of Placer

On May 2, 2008 before me, Joan Egan, Notary Public  
(insert name and title of the officer)

personally appeared NARAYAN RAO AYBIA SOMAYAJULU  
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 the 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.



Signature Joan Egan, Notary Public (Seal)

**MORRISON | FOERSTER**555 WEST FIFTH STREET  
LOS ANGELES  
CALIFORNIA 90013-1024TELEPHONE: 213.892.5200  
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MORRISON & FOERSTER LLP  
NEW YORK, SAN FRANCISCO,  
LOS ANGELES, PALO ALTO,  
SAN DIEGO, WASHINGTON, D.C.  
DENVER, NORTHERN VIRGINIA,  
ORANGE COUNTY, SACRAMENTO,  
WALNUT CREEK, CENTURY CITY  
TOKYO, LONDON, BEIJING,  
SHANGHAI, HONG KONG,  
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NAME:	FACSIMILE:	TELEPHONE:
USPTO/PTAS-FAX  USPTO/Assignment Division	(571) 273-0140	(571) 272-3350

**FROM:** Cheryl Y. Price**DATE:** May 7, 2008

Number of pages with cover page:	10	RE: U.S. Patent Application No.12/116,803 Our Ref.: 49144-20257.00
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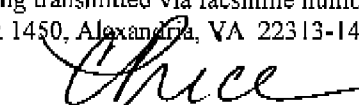
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(Cheryl Price)

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LA-948595

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PATENT

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