


Form PTO-1595 (Rev. 03-09)
OMB No. 0651-0027 (exp. 03/31/2009)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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): David Michael BARRETT (6/4/2009), Erick CROWELL (6/4/2009), Bino Joseph SEBASTIAN (6/4/2009), and John Peter WASZAK (6/4/2009) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>Emulex Design & Manufacturing Corporation</u> Internal Address: _____ Street Address: <u>3333 Susan Street</u> City: <u>Costa Mesa</u> State: <u>CA</u> Country: <u>USA</u> Zip: <u>92626</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>in parentheses after inventor name</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input checked="" type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>12/486,670</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No B. Patent No.(s)
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Glenn M. Kubota</u> <u>MORRISON & FOERSTER LLP</u> Internal Address: Atty. Dkt.: <u>491442018820</u> Street Address: <u>555 West Fifth Street</u> City: <u>Los Angeles</u> State: <u>CA</u> Zip: <u>90013-1024</u> Phone Number: <u>(213) 892-5752</u> Fax Number: <u>(213) 892-5454</u> Email Address: <u>GKubota@mfo.com</u>	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
9. Signature: <div style="text-align: center; margin-top: 20px;">  Signature </div> <u>Kenneth Xie - 60,350</u> Name of Person Signing	8. Payment Information Deposit Account Number <u>03-1952</u> Authorized User Name <u>Glenn M. Kubota</u> Date <u>June 17, 2009</u> Total number of pages including cover sheet, attachments, and documents: 5

CH \$40.00 031952 12486670

Attorney Docket No.: 491442018820

ASSIGNMENT JOINT

THIS ASSIGNMENT, by **David Michael BARRETT; Erick CROWELL; Bino Joseph SEBASTIAN, and John Peter WASZAK** (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, US, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in **COMPUTER SYSTEM INPUT/OUTPUT MANAGEMENT**, set forth in an application for Letters Patent of the United States, and (check all that apply)

- having an oath or declaration executed on even date herewith;
- which is a nonprovisional of U.S. Provisional application No. _____ filed on _____
- 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, US** (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said applications 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(s) 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 applications, 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(s) 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

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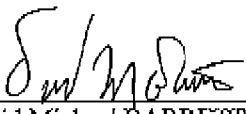
oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

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.

6/4/2009
Date



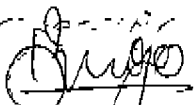
David Michael BARRETT
Assignor

6/4/2009
Date



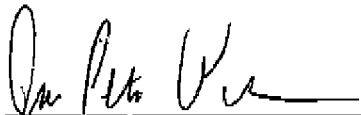
Erick CROWELL
Assignor

6/4/2009
Date



Bino Joseph SEBASTIAN
Assignor

6/4/2009
Date



John Peter WASZAK
Assignor

Attorney Docket No.: 491442018820

STATE OF MASSACHUSETTS
COUNTY OF Worcester

On June 4, 2009 before me, David Michael Barrett personally appeared, David Michael BARRETT, 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.

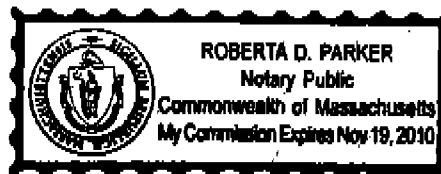
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Seal]

Signature: Roberta D. Parker

STATE OF MASSACHUSETTS
COUNTY OF Worcester



On June 4, 2009 before me, Erick Crowell, personally appeared, Erick CROWELL, 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.

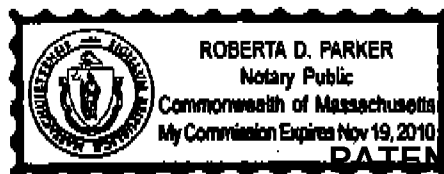
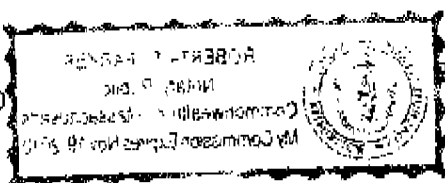
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Seal]

Signature: Roberta D. Parker

la-1027880



Attorney Docket No.: 491442018820

STATE OF MASSACHUSETTS
COUNTY OF Worcester

On June 4, 2009 before me, Bino Joseph Sebastian, personally appeared, Bino Joseph SEBASTIAN, 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.

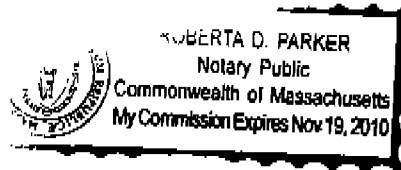
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Seal]

Signature: Roberta D. Parker

STATE OF MASSACHUSETTS
COUNTY OF Worcester



On June 4, 2009 before me, John Peter Waszak, personally appeared, John Peter WASZAK, 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: Roberta D. Parker

STATE OF MASSACHUSETTS
COUNTY OF Worcester

