


Form PTO-1595 (Rev. 01-09)
OMB No. 0651-0027 (exp. 02/28/2019)

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.

<p>1. Name of conveying party(ies): Lawrence H. RUBIN Harish Kumar SHAKAMURI</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>Emulex Design & Manufacturing Corporation</u></p> <p>Internal Address: _____ Street Address: _____ 3333 Susan Street</p> <p>City: <u>Costa Mesa</u> State: <u>California</u> Country: <u>United States of America</u> Zip: <u>92626</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>October 5, 2011</u></p> <p><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 _____</p>	<p>4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application.</p> <p>A. Patent Application No.(s) <u>13/284,447</u></p> <p>B. Patent No.(s) _____</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Glenn M. Kubota</u> <u>MORRISON & FOERSTER LLP</u></p> <p>Internal Address: <u>Atty. Dkt.: 451442037400</u> Street Address: <u>555 West Fifth Street</u></p> <p>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@mofo.com</u></p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u></p> <p><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)</p>
<p>8. Payment Information</p> <p>Deposit Account Number <u>03-1952</u> Authorized User Name <u>Glenn M. Kubota</u></p>	
<p>9. Signature: <u></u> <u>12/22/2011</u> Signature Date</p> <p><u>Stephen C. Jones - 68,808</u> Total number of pages including cover sheet, attachments, and documents: 4 Name of Person Signing</p>	

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ASSIGNMENT JOINT

THIS ASSIGNMENT, by Lawrence Howard RUBIN and Harish Kumar SHAKAMURI (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 METHOD FOR PARSING NETWORK PACKETS HAVING FUTURE DEFINED TAGS, 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;
- that was filed on _____ as U.S. Patent Application No. _____
- which is a 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, including the power to insert here in parentheses (Application number _____, filed _____) the application number and filing date of said application when known.

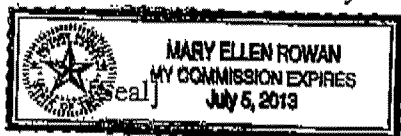
10/5/2011 [Signature]
Date Lawrence Howard RUBIN
Assignor

STATE OF TEXAS
COUNTY OF TRAVIS

On October 5, 2011 before me, MARY ELLEN ROWAN (here insert name and title of the officer), personally appeared Lawrence Howard RUBIN, 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~~ ^{TEXAS} that the foregoing paragraph is true and correct. _{WER}

WITNESS my hand and official seal.



Signature: Mary Ellen Rowan

STATE OF _____
COUNTY OF _____

Attorney Docket No.: 491442037400

10/5/2011 Harish Kumar
Date Harish Kumar SHAKAMURI
Assignor

STATE OF TEXAS
COUNTY OF TRAILS

On OCTOBER 5, 2011 before me, MARY ELLEN ROWAN (here insert name and title of the officer), personally appeared Harish Kumar SHAKAMURI, 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 ^{Texas not} ~~California~~ that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature: Mary Ellen Rowan

STATE OF _____)
COUNTY OF _____)