Express Mail Label No. EV3740459091 04-08-2004 S. DEPARTMENT OF COMMERCE RF TPatent and Trademark Office Docket No. 491442002000 102717147 To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Weimin TCHEN and Marcia Ann KASILOWSKI Name: EMULEX DESIGN & MANUFACTURING ☑ Individual(s) □ Association CORPORATION ☐ General Partnership ☐ Limited Partnership Internal Address: ☐ Corporation-State ☐ Other Street Address: 3333 Susan Street City and State and Zip Code: Costa Mesa, CA 92626 Additional name(s) of conveying party(ies) attached? □Yes ⊌No 3. Nature of conveyance: Additional name(s) & address(es) attached? 

Yes 

No ■ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: Execution Date: March 24, 2004 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: March 24, 2004 A. Patent Application No.(s) Patent No.(s) Additional numbers attached? 

Yes 

No Name and address of party to whom correspondence concerning Total number of applications and patents involved: 1 document should be mailed: 7. Total fee (37 C.F.R. § 3.41): \$40.00 Glenn M. Kubota Morrison & Foerster LLP Enclosed 555 West Fifth Street Authorized to be charged to deposit account, referencing **Suite 3500** Attorney Docket 491442002000 (see attached Fee Los Angeles, California 90013-1024 Transmittal for FY 2004) 8. Deposit account number: 03-1952 The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952. DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Name: Glenn M. Kubota Registration No: 44,197

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04/07/2004 GTCN11

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Mail documents to be recorded with required cover sheet information to:

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Mail Stop Assignment
Director of U.S. Patent and Trademark Office
PO Box 1450

Alexandria, VA 22313-1450

la-716440

Attorney Docket No.: 491442002000

## ASSIGNMENT JOINT

THIS ASSIGNMENT, by Weimin TCHEN and Marcia Ann KASILOWSKI (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 METHOD OF WRITING NON-VOLATILE MEMORY THAT AVOIDS CORRUPTING THE VITAL INITIALIZATION CODE, 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 California, 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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Attorney Docket No.: 491442002000

States to said assignee as	gnors hereby request the Commissioner of Patents to its the assignee of said inventions and the Letters Patercessors, legal representatives and assigns.	issue said Letters Patent of the United nt to be issued thereon for the sole use
"We hereby auth parentheses (Application filing date of said applica	thorize and request the assignee's attorneys, Morrison number, filed, sation when known."	a & Foerster LLP, to insert here in) the application number and
Mar 24, \$4 Date	Weimin TCHEN Assignor	
3/24/2004 Date	Marcia Ann KASILOWSKI Assignor	vela
STATE OF MY COUNTY OF W	assachusetts, Orceoter	
On	24-04 before me, <u>F</u>	PATRICIA Ann Obert
personally appeared W	WEIMIN TCHEN, 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 t	that he/she executed the same in his/her author	rized capacity, and that by his/her
signature on the instru	ument the person, or the entity upon behalf of v	which the person acted, executed
the instrument.		
WITNESS my	y hand and official seal.	
	Signature: Jakricia In.	n Obert
[Seal]		PATRICIA ANN OBERT Notary Public Commonwealth of Massachusetts My Commission Expires Nov 15, 2007

PATENT REEL: 015178 FRAME: 0957

Attorney Docket No.: 491442002000

STATE OF MASSACHUSETTS)
COUNTY OF WOLCOTER)

On <u>3/24//04</u>

before me, HATRICIA Ann C

personally appeared MARCIA ANN KASILOWSKI, 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]

PATRICIA ANN OBERT Notary Public Commonwealth of Massachusetts My Commission Expires Nov 15, 2007

la-679720

**RECORDED: 03/31/2004** 

PATENT REEL: 015178 FRAME: 0958