

RECOF

09-11-2003

Patent and Trademark Office  
Docket No. 491442001300



To the Commissioner of Patents and Trademarks **102546853** documents or copy thereof.

1. Name of conveying party(ies):

**Eddie MILLER**  
**David James DUCKMAN**  
**Jim Donald BUTLER**  
**Khanh Hue HUYNH**

8-29-03

- Individual(s)
- Association
- General Partnership
- Limited Partnership
- Corporation-State
- Other

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

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

Name: EMULEX CORPORATION  
Internal Address:  
Street Address: 3535 Harbor Boulevard  
City and State and Zip Code : Costa Mesa, CA 92626

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

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

Execution Date: 08/18/2003; 08/19/2003; 08/18/2003; 08/20/2003

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: 08/18/2003; 08/19/2003; 08/20/2003

A. Patent Application No.(s) **10651890** B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Glenn M. Kubota  
Morrison & Foerster LLP  
555 West Fifth Street  
Suite 3500  
Los Angeles, California 90013-1024

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

- Enclosed
- Authorized to be charged to deposit account, referencing Attorney Docket 491442001300 (see attached Fee Transmittal for FY 2003)

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**

9. 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

Signature

August 29, 2003  
Date

09/10/2003 DBYRNE 00000031 031952 10651890

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40.00 DA

Total number of pages comprising cover sheet, attachments and document: 4

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

Mail Stop Assignment  
Recordation Services  
Director of U.S. Patent and Trademark Office  
PO Box 1450  
Alexandria, VA 22313-1450

22387 U.S. PTO  
10/651890  
08/29/03

**ASSIGNMENT  
JOINT**

THIS ASSIGNMENT, by Eddie MILLER, David James DUCKMAN, Jim Donald BUTLER and Khanh Hue HUYNH (hereinafter referred to as the assignors), with a post office address of c/o Emulex Corporation, 3535 Harbor Boulevard, Costa Mesa, California 92626, USA, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in MULTI-CHANNEL MEMORY ACCESS ARBITRATION METHOD AND SYSTEM, 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 CORPORATION**, a corporation duly organized under and pursuant to the laws of the State of California, and having its principal place of business at **3535 Harbor Boulevard, 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.

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."

8/18/03 Eddie Miller  
Date

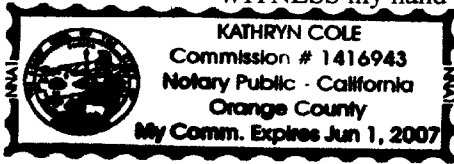
Assignor EDDIE MILLER

STATE OF CALIFORNIA )

COUNTY OF ORANGE )

On AUGUST 18, 2003 before me, KATHRYN COLE, NOTARY PUBLIC personally appeared EDDIE MILLER, 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: Kathryn Cole

8/19/03 David James Duckman  
Date

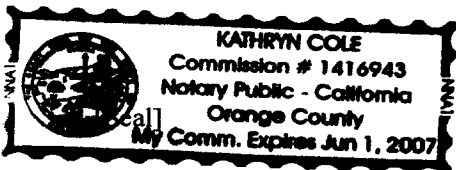
Assignor DAVID JAMES DUCKMAN

STATE OF CALIFORNIA )

COUNTY OF ORANGE )

On AUGUST 19, 2003 before me, KATHRYN COLE personally appeared DAVID JAMES DUCKMAN, 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.



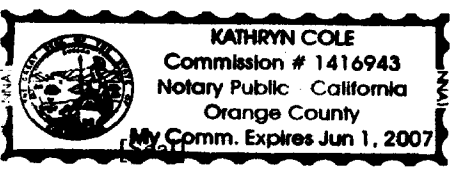
Signature: Kathryn Cole

8/18/03 \_\_\_\_\_  
Date Assignor Jin Butte  
Assignor JIM DONALD BUTLER

STATE OF CALIFORNIA )  
COUNTY OF ORANGE )

On AUGUST 18, 2003 before me, KATHRYN COLE personally appeared JIM DONALD BUTLER, 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.



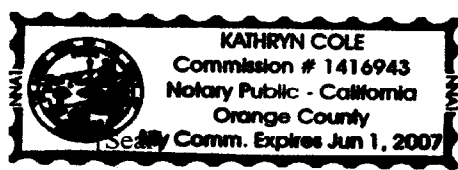
Signature: Kathryn Cole

8/20/2003 \_\_\_\_\_  
Date Assignor Khanh Hue Huynh  
Assignor KHANH HUE HUYNH

STATE OF CALIFORNIA )  
COUNTY OF ORANGE )

On AUGUST 20, 2003 before me, KATHRYN COLE personally appeared KHANH HUE HUYNH, 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: Kathryn Cole