

06-27-2003

Docket No. 50155/SAH/E349

RECORDA'



Mail Stop Assignment - Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

102484488

Post Office Box 7068  
Pasadena, CA 91109-7068

Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof:

<b>1. Name of conveying party(ies):</b> <u>6-19-03</u> <b>Xin Simon Luo; Bryon Lynn Kasper, Nghia Kha and Xiaoming Lou</b>  Additional name(s) of conveying party(ies) attached: <b>No</b>		<b>2. Name and address of receiving party(ies):</b>  Name: <b>Emcore Corporation</b>  Street Address:  <b>145 Belmont Drive Somerset, New Jersey 08873</b>	
<b>3. Name of conveyance:</b>  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: <b>June 4, 2003</b>		<b>Additional name(s) &amp; address(es) attached? No</b>	
<b>4. Application number(s) or patent number(s):</b> <u>10465300</u>  If this document is being filed together with a new application, the execution date of the application is: <b>June 4, 2003.</b>  A. Patent Application No.(s)      B. Patent No.(s)  <b>Additional numbers attached? No</b>			
<b>5. Please return the recorded document and address all correspondence to:</b>  <b>CHRISTIE, PARKER &amp; HALE, LLP</b> P.O. Box 7068 Pasadena, CA 91109-7068  Attention: <b>Jun-Young E. Jeon</b>		<b>6. Total number of applications and patents involved.....</b> <span style="border: 1px solid black; padding: 2px;">1</span>	
<b>10. <input type="checkbox"/> Explanatory letter is enclosed.</b>		<b>7. <input checked="" type="checkbox"/> Total fee enclosed (37 CFR 3.41):</b> \$ <b>40.00</b> <b>8. <input checked="" type="checkbox"/> Any deficiency or overpayment of fees should be charged or credited to Deposit Account No. 03-1728, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account.</b>	
<b>9. Statement and signature.</b> 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.  Date: June 19, 2003  By <u></u> Name: <b>Jun-Young E. Jeon</b> 626/795-9900			
<b>Express Mail No.: EV 352374695 US</b>		<b>Total number of pages including cover sheet, attachments, and document:</b> <span style="border: 1px solid black; padding: 2px;">4</span>	

16235 U.S. PTO  
10/465300  
06/19/03

06/27/2003 LMUELLER 00000042 10465300

01 FC:8021

40.00 OP

JEJ/sd

SD PASS09443.1 \*-6/19/03 9:02 AM

**PATENT**  
**REEL: 014206 FRAME: 0459**

**ASSIGNMENT**

**WHEREAS, WE, Xin Simon Luo, Bryon Lynn Kasper, Nghia Kha and Xiaoming Lou,** residing at 686 Bataan Place, Monterey Park, California 91755; 566 Winston Avenue, San Marino, California 91108; 1686 Big Dalton Avenue, Baldwin Park, California 91706 and 2015 W. Chestnut Street, Alhambra, California 91803, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **A TO-PACKAGED OPTIC-FIBER RECEIVING INTERFACE AND METHOD**, executed by us on even date herewith;

**AND WHEREAS EMCORE CORPORATION,** a New Jersey corporation, having a place of business at 145 Belmont Drive, Somerset, New Jersey 08873 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

**NOW, THEREFORE,** in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

**AND WE HEREBY** covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

**AND WE HEREBY** further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand this 4 day of June, 2003.

Xin Simon Luo  
Xin Simon Luo

STATE OF )  
COUNTY OF )

On 6-4-03, before me RENEE SMITH, Notary Public, personally appeared **Xin Simon Luo** 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 executed the same in his authorized capacity, and that by his 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.

RENEE L. SMITH  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires June 18, 2007

Renee L. Smith  
Signature of Notary

\*\*\*\*\*

IN TESTIMONY WHEREOF, I hereunto set my hand this 4 day of June, 2003.

Bryon L. Kasper  
Bryon Lynn Kasper

STATE OF )  
COUNTY OF )

On 6-4-03, before me RENEE SMITH, Notary Public, personally appeared **Bryon Lynn Kasper** 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

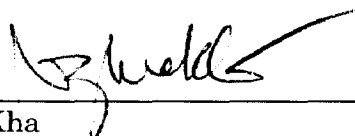
WITNESS my hand and official seal.

RENEE L. SMITH  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires June 18, 2007

Renee L. Smith  
Signature of Notary

\*\*\*\*\*

IN TESTIMONY WHEREOF, I hereunto set my hand this 4 day of JUNE, 2003.

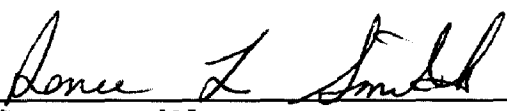
  
\_\_\_\_\_  
Nghia Kha

STATE OF NEW JERSEY )  
COUNTY OF SOMERSET )

On 6-4-03, before me Renée Smith, Notary Public, personally appeared **Nghia Kha** 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 executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

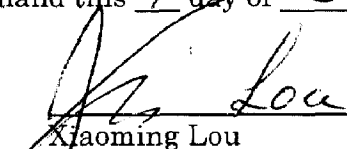
WITNESS my hand and official seal.

**RENEE L. SMITH**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires June 18, 2007

  
\_\_\_\_\_  
Signature of Notary

\*\*\*\*\*

IN TESTIMONY WHEREOF, I hereunto set my hand this 4 day of June, 2003.

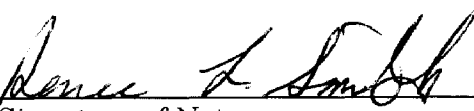
  
\_\_\_\_\_  
Xiaoming Lou

STATE OF NEW JERSEY )  
COUNTY OF SOMERSET )

On 6-4-03, before me Renée L. Smith, Notary Public, personally appeared **Xiaoming Lou** 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 executed the same in his authorized capacity, and that by his 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.

**RENEE L. SMITH**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires June 18, 2007

  
\_\_\_\_\_  
Signature of Notary

JEJ/sd  
SD PAS502877.1\*-5/16/03 8:30 AM