

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Xiaoming Lou</td> <td>03/06/2008</td> </tr> <tr> <td>Genzao Zhang</td> <td>03/06/2008</td> </tr> <tr> <td>Henok Tefese</td> <td>03/06/2008</td> </tr> <tr> <td>Eric Hufstedler</td> <td>03/06/2008</td> </tr> </tbody> </table>		Name	Execution Date	Xiaoming Lou	03/06/2008	Genzao Zhang	03/06/2008	Henok Tefese	03/06/2008	Eric Hufstedler	03/06/2008
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Xiaoming Lou	03/06/2008										
Genzao Zhang	03/06/2008										
Henok Tefese	03/06/2008										
Eric Hufstedler	03/06/2008										
RECEIVING PARTY DATA											
Name:	Emcore Corporation										
Street Address:	10420 Research Road, SE										
City:	Albuquerque										
State/Country:	NEW MEXICO										
Postal Code:	87123										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12044665</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12044665						
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Application Number:	12044665										
CORRESPONDENCE DATA											
Fax Number:	(505)323-3402										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	505-332-5000										
Email:	jpccdocket@welshkatz.com										
Correspondent Name:	EMCORE CORPORATION										
Address Line 1:	1600 EUBANK BLVD, S.E.										
Address Line 4:	ALBUQUERQUE, NEW MEXICO 87123										
ATTORNEY DOCKET NUMBER:	8304 (2183-105610)										
NAME OF SUBMITTER:	Jon P. Christensen (Reg. No. 34,137)										
Total Attachments: 3 source=105610assign#page1.tif											

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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)

Xiaoming Lou
Genzao Zhang
Henok Tefese
Eric Hufstedler

2. Name and address of receiving party(ies)

Name: Emcore Corporation
Address: 10420 Research Rd., SE
Albuquerque, NM 87123

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 6, 2008

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

Name: Same as above

Address:

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Jon P. Christensen

Address: Welsh & Katz, Ltd
120 S. Riverside Plaza
22nd Floor

City: Chicago

State: IL Zip: 60606

Phone Number: 312 655-1500

Fax Number: 312 655-1501

Email Address: jpcdoCKET@welshkatz.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 50-3029

Authorized User Name Jon P. Christensen

9. Signature:

Signature

March 7, 2008

Date

Jon P. Christensen (Reg. No. 34,137) 8304 (2183-105610)

Name of Person Signing

Total number of pages including cover sheet, attachments, and document:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Assignment

Applicant or Patentee: Xiaoming Lou, Genzao Zhang, Henok Taiese, Eric Hufstedler
Serial or Patent No.: _____
Filed or Issued: _____
For: PON Transceiver with a Surge Protection Circuit
Attorney Docket No. 8304

In Consideration of Ten Dollars and other good and valuable considerations, the receipt of which is hereby acknowledged, entire right, title and interest in the invention and improvements of the undersigned in a

PON Transceiver with a Surge Protection Circuit

and in the U.S. Patent and U.S. Patent Application therefor, executed by the undersigned herewith and in any reissue, continuation, divisional U.S. Patent that may be granted upon said U.S. Patent Application are hereby assigned by the undersigned to

EMCORE Corporation

and the heirs, successors, legal representative and assigns thereof (hereinafter collectively referred to as the Assignee).

For said considerations it is hereby agreed that I have sold and assigned, and hereby do sell and assign, to said Assignee, successors and assigns, the entire right, title and interest (a) in the above-identified invention or inventions and all improvements and modifications thereof, (b) in the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, in all Letters Patent which may issue from said applications in the United States and countries foreign thereto, and (d) to all divisions, reissues, continuations and extensions of said applications and Letters Patents; and covenant I have the full right so to do; and I hereby authorize and request Commissioner of Patents and Trademarks to issue all United States Letters Patent on the invention or inventions included herein to said Assignee of the entire interest.

I further agree that I shall communicate to said Assignee, its successor and assigns, or their representative or agents all facts and information known or available to me respecting said invention or inventions, improvements and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension or infringement purposes or other legal, judicial or administrative proceedings whenever requested; testify in person or by affidavit as required by said Assignee, its successors and assigns, in any such proceeding in United States or a country foreign thereto; execute and deliver, on request, all lawful papers including, but not limited to, original, divisional, continuation (including any continuations-in-part) and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and provide all reasonable assistance to Assignee, its successors and assigns, in obtaining and enforcing protection for said invention or inventions, improvements and modifications under the intellectual property laws of the United States and countries foreign thereto.

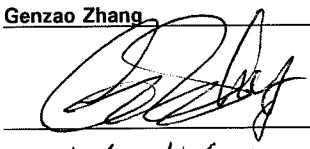
In testimony whereof, I have hereunto set my hand and seal, on the line set after my signature.

Name of First Joint assignor/inventor Xiaoming Lou

Signature of assignor and inventor  (Seal)

Date 3/6/2008

Name of Second Joint assignor/inventor Genzao Zhang

Signature of assignor and inventor  (Seal)

Date March 6, 2008

Name of Second Joint assignor/inventor

Henok Taiese

Signature of assignor and inventor

Henok Taiese (Seal)

Date

3/6/08

Name of Second Joint assignor/inventor

Eric Hufstedler

Signature of assignor and inventor

Eric Hufstedler (Seal)

Date

2008-3-6