

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Lu Fang	07/27/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Emcore Corporation
<b>Street Address:</b>	145 Belmont Drive
<b>City:</b>	Somerset
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08873
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11830576
<b>CORRESPONDENCE DATA</b>	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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<b>ATTORNEY DOCKET NUMBER:</b>	7403 (101957)
<b>NAME OF SUBMITTER:</b>	Jon P. Christensen
<b>Total Attachments: 3</b> source=LuFangassignment#page1.tif source=LuFangassignment#page2.tif source=LuFangassignment#page3.tif	

CH \$40.00 11830576

### 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)**  
Lu Fang

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

**2. Name and address of receiving party(ies)**  
Name: Emcore Corporation  
Internal Address: 145 Belmont Drive  
Somerset, New Jersey 08873  
Street Address: 145 Belmont Drive  
City: Somerset  
State: New Jersey  
Country: U.S.A. Zip: 08873  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) 07/27/07  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other

**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  
Internal Address: Welsh & Katz, Ltd.  
Street Address: 120 S. Riverside Plaza, 22<sup>nd</sup> Floor  
City: Chicago  
State: IL Zip: 60606-3912  
Phone Number: 312-655-1500  
Fax Number: 312-655-1501  
Email Address: \_\_\_\_\_

**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 23-0920  
Authorized User Name Jon P. Christensen

**9. Signature:** \_\_\_\_\_ July 30, 2007  
Signature Date  
Jon P. Christensen (Reg. No, 34,137) 7403 (2184-101957) Total number of pages including cover sheet, attachments, and document: 2  
Name of Person Signing

Docket 7403

ASSIGNMENT

WHEREAS, **Lu Fang**, residing at 8401 Vintage Dr., NE, Albuquerque, New Mexico 87122, USA, a citizen of the United States.

(hereinafter "ASSIGNOR") is/are the inventor(s) of the invention entitled

**SOLAR CELL RECEIVER HAVING AN INSULATED BYPASS DIODE**

for which I/we have executed an application for a Patent of the United States on the even date herewith,

And WHEREAS, Emcore Corporation (hereinafter "ASSIGNEE"), a New Jersey Corporation having a business address at 145 Belmont Drive, Somerset, New Jersey 08873, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in the hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I/WE, the said ASSIGNOR(s), have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I/WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said

ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

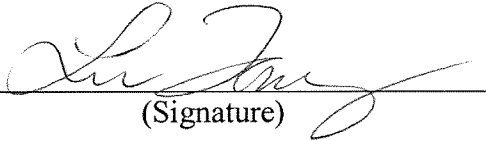
AND I/WE HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I/WE HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year opposite my signature.

Lu Fang

7/27/2007  
(Date)

  
(Signature)