

05-01-2006

Client Code: IMRAA.032A

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original documents or copy thereof.

To the Director, U.S. Patent and Tradem

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1. Liang Dong 2. Xiang Peng</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>( ) Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p><b>Name:</b> IMRA America, Inc.  <b>Street Address:</b> 1044 Woodridge Avenue  <b>City:</b> Ann Arbor <b>State:</b> Michigan  <b>ZIP:</b> 48105</p> <p>Additional name(s) of receiving party(ies) attached?</p> <p>( ) Yes (X) No</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment ( ) Security Agreement  ( ) Merger ( ) Change of Name  ( ) Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>1. April 7, 2006 2. April 10, 2006</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 11/323,177  Filing Date: December 30, 2005</p> <p>Additional numbers attached?</p> <p>( ) Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p><b>Customer No.</b> 20,995</p> <p><b>Address:</b> Knobbe, Martens, Olson &amp; Bear, LLP  2040 Main Street, 14<sup>th</sup> Floor  Irvine, CA 92614</p> <p><b>Return Fax:</b> (949) 760-9502</p> <p><b>Attorney's Docket No.:</b> IMRAA.032A</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) Enclosed</p>	<p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>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.</p> <p><u>Mark J. Gallagher</u>  Name of Person Signing</p> <p><u>[Signature]</u>  Signature</p> <p><u>4/24/06</u>  Date</p> <p>43,622  Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 3</p>	

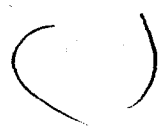
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ASSIGNMENT

WHEREAS, We, Liang Dong, a citizen of Great Britain, residing at 3111 Fairhaven, Ann Arbor, Michigan 48105; and Xiang Peng, a citizen of the People's Republic of China, residing at 5936 Villa France Avenue, Ann Arbor, Michigan 48103; have invented certain new and useful improvements in a PHOTONIC BANDGAP FIBERS for which we have executed an application for Letters Patent in the United States, Application Number 11/323,177, filed on December 30, 2005;

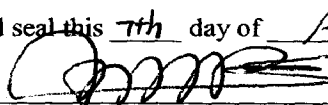
AND WHEREAS, IMRA America, Inc. (hereinafter "ASSIGNEE"), a Michigan Corporation, with its principal place of business at 1044 Woodridge Avenue, Ann Arbor, Michigan 48105, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we 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, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue 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 patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 7th day of April, 2006



Liang Dong

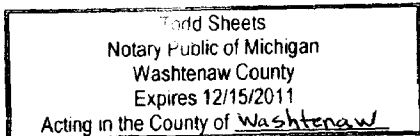
STATE OF                            )  
  )  
  ) ss.  
COUNTY OF                        )

On April 7, 2006, before me, Todd Sheets, personally appeared Liang Dong personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

Application No.: 11/323,177  
Filing Date: December 30, 2005

WITNESS my hand and official seal.

[SEAL]



*Todd Sheets*

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10 day of April, 2006

*Xiang Peng*

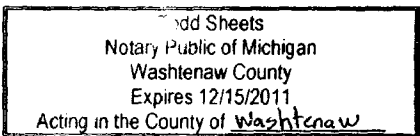
Xiang Peng

STATE OF }  
                  } ss.  
COUNTY OF }

On April 10, 2006, before me, Todd Sheets, personally appeared Xiang Peng personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



*Todd Sheets*

Notary Signature