

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>Dianbo Fu</td> <td>07/25/2008</td> </tr> <tr> <td>Fred C. Lee</td> <td>08/01/2008</td> </tr> <tr> <td>Ya Liu</td> <td>07/08/2008</td> </tr> <tr> <td>Ming Xu</td> <td>08/04/2008</td> </tr> </tbody> </table>		Name	Execution Date	Dianbo Fu	07/25/2008	Fred C. Lee	08/01/2008	Ya Liu	07/08/2008	Ming Xu	08/04/2008
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Dianbo Fu	07/25/2008										
Fred C. Lee	08/01/2008										
Ya Liu	07/08/2008										
Ming Xu	08/04/2008										
RECEIVING PARTY DATA											
Name:	Virginia Polytechnic Institute and State University										
Street Address:	301 Burruss Hall										
City:	Blacksburg										
State/Country:	VIRGINIA										
Postal Code:	24061										
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>12136413</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12136413						
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Application Number:	12136413										
CORRESPONDENCE DATA											
Fax Number:	(703)787-7557										
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Address Line 2:	SUITE 340										
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ATTORNEY DOCKET NUMBER:	01640607PA										
NAME OF SUBMITTER:	Marshall M. Curtis										
Total Attachments: 3											

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ASSIGNMENT

WHEREAS, I/we, the below-named inventor(s) (hereinafter referred to as ASSIGNORS) whose residence address is stated below, have invented certain new and useful improvements in an invention entitled:

Proposed Multi-Element Resonant Converters

for which an application for United States Letters Patent Serial No. 12/136,413 has been filed on June 10, 2008 ; and

WHEREAS, Virginia Polytechnic Institute and State University, (hereinafter referred to as ASSIGNEE), an institute of higher education organized under the laws of the Commonwealth of Virginia, having an office and principal place of business at 301 Burruss Hall, Blacksburg, Virginia, 24061, is desirous of acquiring the entire right, title and interest in, to and under said application and said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries and any non-provisional applications claiming the benefit of said application to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, enforce and defend said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

VTIP 07-113
Serial Number: 12/136,413

Full name of inventor: Dianbo Fu
Residence: 1214 University City Blvd., Apt. H91, Blacksburg, Virginia 24060

Signature: *Dianbo Fu* Date: July 25th, 2008

County of MONTGOMERY
State of VIRGINIA

The foregoing instrument was acknowledged before me this 25th day of JULY, 2008
by DIANBO FU

Linda A. Galloway
Notary Public
Notary Registration Number: 7063175
My Commission Expires: 9/30/2010

Full name of inventor: Fred C. Lee
Residence: 2909 Stradford Lane, Blacksburg, Virginia 24060

Signature: *Fred Lee* Date: 8/1/08

County of MONTGOMERY
State of VIRGINIA

The foregoing instrument was acknowledged before me this 1st day of AUGUST, 2008
by FRED C. LEE

Linda A. Galloway
Notary Public
Notary Registration Number: 7063175
My Commission Expires: 9/30/2010

VTIP 07-113
Serial Number: 12/136,413

Full name of inventor: Ya Liu
Residence: 1007 University City Blvd., Apt. S8, Blacksburg, Virginia 24060

Signature: Ya Liu Date: 07.28.2008

County of MONTGOMERY
State of VIRGINIA

The foregoing instrument was acknowledged before me this 28th day of JULY, 2008
by YA LIU.

Linda A. Gallogher
Notary Public
Notary Registration Number: 7063175
My Commission Expires: 9/30/2010

Full name of inventor: Ming Xu
Residence: 2010 Northside Drive, Blacksburg, Virginia 24060

Signature: [Signature] Date: 8.4.2008

County of MONTGOMERY
State of VIRGINIA

The foregoing instrument was acknowledged before me this 4th day of AUGUST, 2008
by MING XU.

Linda A. Gallogher
Notary Public
Notary Registration Number: 7063175
My Commission Expires: 9/30/2010