

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | |
|---|---------------------------------------|---------------|----------------|---------------------|------------|---------------|------------|--------------------|------------|------------------|------------|-----------|------------|------------------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>David J. Perreault</td><td>03/09/2009</td></tr><tr><td>Juan M. Rivas</td><td>03/09/2009</td></tr><tr><td>Anthony D. Sagneri</td><td>05/19/2009</td></tr><tr><td>Olivia Leitemann</td><td>03/09/2009</td></tr><tr><td>Yehui Han</td><td>03/09/2009</td></tr><tr><td>Robert C.N. Pilawa-Podgurski</td><td>10/30/2007</td></tr></tbody></table> | | Name | Execution Date | David J. Perreault | 03/09/2009 | Juan M. Rivas | 03/09/2009 | Anthony D. Sagneri | 05/19/2009 | Olivia Leitemann | 03/09/2009 | Yehui Han | 03/09/2009 | Robert C.N. Pilawa-Podgurski | 10/30/2007 |
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| David J. Perreault | 03/09/2009 | | | | | | | | | | | | | | |
| Juan M. Rivas | 03/09/2009 | | | | | | | | | | | | | | |
| Anthony D. Sagneri | 05/19/2009 | | | | | | | | | | | | | | |
| Olivia Leitemann | 03/09/2009 | | | | | | | | | | | | | | |
| Yehui Han | 03/09/2009 | | | | | | | | | | | | | | |
| Robert C.N. Pilawa-Podgurski | 10/30/2007 | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | |
| Name: | Massachusetts Institute of Technology | | | | | | | | | | | | | | |
| Street Address: | 77 Massachusetts Avenue | | | | | | | | | | | | | | |
| City: | Cambridge | | | | | | | | | | | | | | |
| State/Country: | MASSACHUSETTS | | | | | | | | | | | | | | |
| Postal Code: | 02139 | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11622571</td></tr></tbody></table> | | Property Type | Number | Application Number: | 11622571 | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | |
| Application Number: | 11622571 | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | |
| Fax Number: (781)401-9966 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | | | | | |
| Phone: 7814019988 | | | | | | | | | | | | | | | |
| Email: pam@dc-m.com | | | | | | | | | | | | | | | |
| Correspondent Name: Paul D. Durkee | | | | | | | | | | | | | | | |
| Address Line 1: 354A Turnpike Street | | | | | | | | | | | | | | | |
| Address Line 2: Suite 301A | | | | | | | | | | | | | | | |
| Address Line 4: Canton, MASSACHUSETTS 02021-2714 | | | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | MIT-181AUS | | | | | | | | | | | | | | |

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NAME OF SUBMITTER:

Paul D. Durkee

Total Attachments: 8

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A S S I G N M E N T

Whereas we, the undersigned, David J. Perreault, Juan M. Rivas, Anthony D. Sagneri, Olivia Leitermann, Yehui Han, Robert C. N. Pilawa-Podgurski, hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled METHODS AND APPARATUS FOR A RESONANT CONVERTER, identified as Attorney Docket No. MIT-181AUS and Client Case No. 12050 which application was executed on 4/11/07, 4/11/07, 4/11/07, 4/11/07, 4/11/07 & 4/11/07, and filed on January 12, 2007 and Assigned Application No. 11/622,571, U.S. Provisional Patent Application No. 60/758,583 filed on January 12, 2006, and PCT Application No. PCT/2007/000962 filed on January 12, 2007. In the event that the execution date, filing date and/or Application No. are not entered above at the time we executed this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at DALY, CROWLEY, MOFFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, MA 02021-2714, to insert above the filing date and/or Application No. of said application.

Whereas Massachusetts Institute of Technology, a Massachusetts Corporation having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, said Provisional Patent Application, and said PCT Application, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, reissue, re-examination and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent and any provisional applications from which priority is claimed in said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in my name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

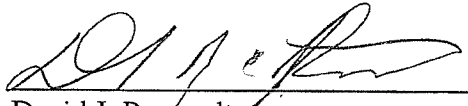
3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that I have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I have good right to assign the same to Assignee without encumbrance;

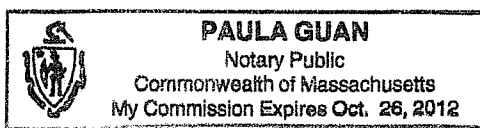
5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by me, my heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my control or in the control of my heirs, legal representatives or assigns which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.


In testimony of which we have each executed this Assignment on the date indicated next to each of our respective names.

Dated: 3/9/09


David J. Perreault


On this 9 day of March, 2008⁹, before me appeared David J. Perreault, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.




First Witness Signature

Paula Guan
First Witness Printed Name

On this 9 day of March, 2008⁹, before me appeared David J. Perreault, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.


Second Witness Signature

Melinda Crisostomo
Second Witness Printed Name

PATENT

Application No.: 11/622,571

Attorney Docket No.: MIT-181AUS

Dated: 03/09/09Juan M. Rivas
Juan M. Rivas

On this 9th day of March, 2008, before me appeared Juan M. Rivas, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

RITA M. LYNCH
Notary Public, State of New York
Qual. in Albany Co. No. 0116079764
Commission Expires 8/29/2012

Rita M. Lynch
~~First Witness Signature~~ NOTARY

~~First Witness Printed Name~~

On this _____ day of _____, 2008, before me appeared Juan M. Rivas, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

N/A
~~Second Witness Signature~~

~~Second Witness Printed Name~~

Dated: 5/19/2009

Anthony D. Sagneri
Anthony D. Sagneri

On this 19th day of MAY, 2008, before me appeared Anthony D. Sagneri, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Jingying Hu
First Witness Signature

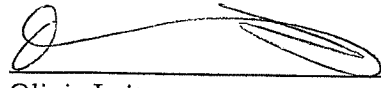
Jingying Hu
First Witness Printed Name

On this 19th day of May, 2008, before me appeared Anthony D. Sagneri, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Jae-Won Hwang
Second Witness Signature

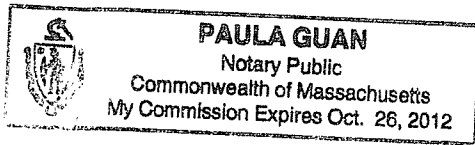
Jae-Won Hwang
Second Witness Printed Name

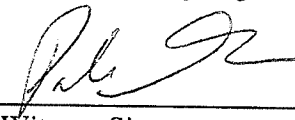
Dated: 9 Mar 09



Olivia Leitermann

On this 9 day of March, 2009, before me appeared Olivia Leitermann, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

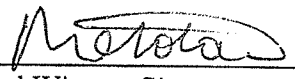




First Witness Signature
Paula Guan

First Witness Printed Name

On this 9 day of March, 2009, before me appeared Olivia Leitermann, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

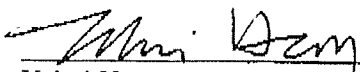


Second Witness Signature
Melinda Crisostomo

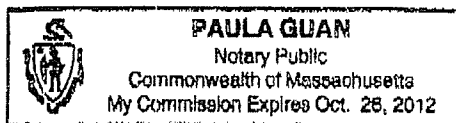
Second Witness Printed Name


PATENT
Application No.: 11/622,571
Attorney Docket No.: MIT-181AUS

Dated: 03/09/2009


Yehui Han

On this 9 day of March, 200⁹, before me appeared Yehui Han, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.




First Witness Signature

Paula Guan
First Witness Printed Name

On this 9 day of March, 200⁹, before me appeared Yehui Han, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.


Second Witness Signature

Scott J. Noble
Second Witness Printed Name

PATENT
 Application No.: 11/622,571
 Attorney Docket No.: MIT-181AUS

10-30-07

Date

Robert C. N. Pilawa-Podgurski
 Robert C. N. Pilawa-Podgurski

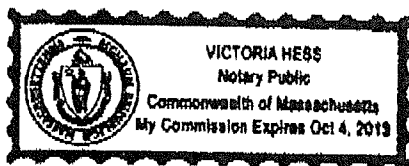
Commonwealth of Massachusetts }
 County of middlesex } SS.

On this the 30 day of October, 2007, before me, Victoria Hess,
Day Month Name of Notary

the undersigned Notary Public, personally appeared Robert C. N. Pilawa-Podgurski,
Name of Inventor
 proved to me through satisfactory evidence of identity, which was/were _____

Massachusetts Driver's License
(Description of Evidence of Identity)

to be the person whose name is signed on the preceding document, and acknowledged to me that he/she signed it voluntarily for this stated purpose.



Place Notary Seal and/or Any Stamp Above

Victoria Hess
 Signature of Notary Public

Victoria Hess
 Printed Name of Notary Public

My Commission Expires 10-4-2013

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