

PATENT ASSIGNMENT

Electronic Version v1.1
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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>William McClure Hooke</td> <td>08/09/2012</td> </tr> <tr> <td>Allen Richard Martin</td> <td>08/06/2012</td> </tr> <tr> <td>Gary Elder McGuire</td> <td>08/03/2012</td> </tr> <tr> <td>Mark Alan Ray</td> <td>08/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	William McClure Hooke	08/09/2012	Allen Richard Martin	08/06/2012	Gary Elder McGuire	08/03/2012	Mark Alan Ray	08/15/2012
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William McClure Hooke	08/09/2012										
Allen Richard Martin	08/06/2012										
Gary Elder McGuire	08/03/2012										
Mark Alan Ray	08/15/2012										
RECEIVING PARTY DATA											
Name:	International Technology Center										
Street Address:	8100-120 Brownleigh Drive										
City:	Raleigh										
State/Country:	NORTH CAROLINA										
Postal Code:	27617										
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>13329565</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13329565						
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Application Number:	13329565										
CORRESPONDENCE DATA											
Fax Number:	9198169982										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	919-816-9981										
Email:	jerry@patent-inventions.com										
Correspondent Name:	Jerry A. Miller										
Address Line 1:	2500 Dockery Lane										
Address Line 4:	Raleigh, NORTH CAROLINA 27606										
ATTORNEY DOCKET NUMBER:	ITC-P10.03										
NAME OF SUBMITTER:	Jerry A. Miller 30779										
Total Attachments: 8 source=Assignment_ITC_P10_03#page1.tif											

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Assignment of Patent Application

FOR GOOD AND VALUABLE CONSIDERATION,

Effective 12/19/2011, we, the undersigned (each) in consideration of the sum of ten Dollars (\$10.00) to us each in hand paid by the Assignee and other good and valuable consideration receipt and adequacy of which is hereby expressly acknowledged, hereby sell, assign and transfer unto

International Technology Center

a corporation organized under the laws of the state of North Carolina as Assignee, with offices at 8100-120 Brownleigh Drive, Raleigh, NC 27617, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

Pulsed Dielectric Barrier Discharge

described in a United States patent application filed on 12/19/2011, as Application Serial No. 13/329,565, and the invention (s) and improvement(s) set forth therein, and any and all patent applications claiming priority benefit therefrom, provisional conversions, continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application, and all the rights and privileges under any and all Letters Patent that may be granted therefrom in any country, and any reissue, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate for the sole use and benefit of the Assignee, its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to the Assignee.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may be henceforth substituted for it.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our name on the day and year set forth below.

William McClure Hooke
Inventor's Signature

August 9, 2012
DATE

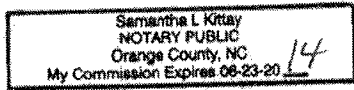
William McClure Hooke
Inventor's Printed Name

STATE OF NORTH CAROLINA)

COUNTY OF Orange) SS

On this 9 day of August, 2012, before me personally came the above named William McClure Hooke who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purpose therein set forth.

SEAL



Samantha L. Kittay
NOTARY PUBLIC
My Commission Expires: 6/23/2014

Assignment of Patent Application

FOR GOOD AND VALUABLE CONSIDERATION,

Effective 12/19/2011, we, the undersigned (each) in consideration of the sum of ten Dollars (\$10.00) to us each in hand paid by the Assignee and other good and valuable consideration receipt and adequacy of which is hereby expressly acknowledged, hereby sell, assign and transfer unto

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We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our name on the day and year set forth below.

Allen R. Martin
Inventor's Signature

Aug 6, 2012
DATE

Allen Richard Martin
Inventor's Printed Name

STATE OF ~~NORTH CAROLINA~~ Massachusetts

COUNTY OF Plymouth) SS

On this 6th day of August, 2012, before me personally came the above named Allen Richard Martin who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purpose therein set forth.



JANET KLAEHM MCNULTY
Notary Public
Commonwealth of Massachusetts
My Commission Expires
January 28, 2016

Janet Klaehn McNulty
NOTARY PUBLIC
My Commission Expires: 1/28/2016

Assignment of Patent Application

FOR GOOD AND VALUABLE CONSIDERATION,

Effective 12/19/2011, we, the undersigned (each) in consideration of the sum of ten Dollars (\$10.00) to us each in hand paid by the Assignee and other good and valuable consideration receipt and adequacy of which is hereby expressly acknowledged, hereby sell, assign and transfer unto

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Gary Elder McGuire
Inventor's Signature

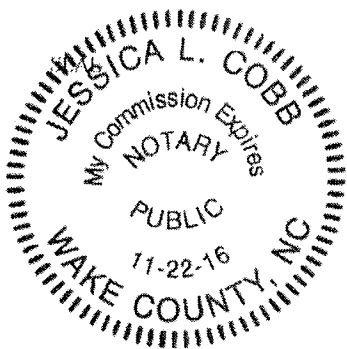
August 3, 2012
DATE

Gary Elder McGuire
Inventor's Printed Name

STATE OF NORTH CAROLINA)

COUNTY OF Wake) SS

On this 3rd day of August, 20 12 before me personally came the above named Gary Elder McGuire who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purpose therein set forth.



Jessica L. Cobb
NOTARY PUBLIC
My Commission Expires: 11-22-16

Assignment of Patent Application

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Effective 12/19/2011, we, the undersigned (each) in consideration of the sum of ten Dollars (\$10.00) to us each in hand paid by the Assignee and other good and valuable consideration receipt and adequacy of which is hereby expressly acknowledged, hereby sell, assign and transfer unto

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Mark Alan Ray
Inventor's Signature

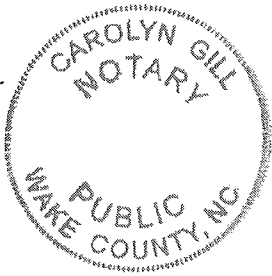
8/15/2012
DATE

Mark Alan Ray
Inventor's Printed Name

STATE OF NORTH CAROLINA)
COUNTY OF Durham) SS

On this 15th day of August, 2012, before me personally came the above named Mark Alan Ray who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purpose therein set forth.

SEAL



Carolyn Gill
NOTARY PUBLIC
My Commission Expires: Feb 14, 2013