

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>Kenneth Michael Yocum</td> <td>03/22/2013</td> </tr> <tr> <td>James F. Colaresi</td> <td>03/22/2013</td> </tr> <tr> <td>Orren K. Tench</td> <td>03/25/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Kenneth Michael Yocum | 03/22/2013 | James F. Colaresi | 03/22/2013 | Orren K. Tench | 03/25/2013 |
| Name | Execution Date | | | | | | | | |
| Kenneth Michael Yocum | 03/22/2013 | | | | | | | | |
| James F. Colaresi | 03/22/2013 | | | | | | | | |
| Orren K. Tench | 03/25/2013 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | CANBERRA INDUSTRIES, INC. | | | | | | | | |
| Street Address: | 800 Research Parkway | | | | | | | | |
| City: | Meriden | | | | | | | | |
| State/Country: | CONNECTICUT | | | | | | | | |
| Postal Code: | 06450 | | | | | | | | |
| 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>13832906</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13832906 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 13832906 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | 9723672002 | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | |
| Phone: | 9723672001 | | | | | | | | |
| Email: | lau@cclaw.com | | | | | | | | |
| Correspondent Name: | David W. Carstens | | | | | | | | |
| Address Line 1: | CARSTENS & CAHOON, LLP | | | | | | | | |
| Address Line 2: | P.O. Box 802334 | | | | | | | | |
| Address Line 4: | DALLAS, TEXAS 75380-2334 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | AAQUI.0185 - 13/832,906 | | | | | | | | |
| NAME OF SUBMITTER: | Sarah Lau | | | | | | | | |
| Signature: | /Sarah Lau/ | | | | | | | | |

Date:

04/18/2013

Total Attachments: 4

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ASSIGNMENT

Inventors: Kenneth Michael Yocum
James F. Colaresi
Orren K. Tench

Serial No: 13/832,906

Filing Date: March 15, 2013

Title: SMALL ANODE GERMANIUM (SAGe) WELL RADIATION
DETECTOR SYSTEM AND METHOD

Attorney Docket No: AAQUL0185

WHEREAS, the undersigned have invented certain new and useful improvements as above entitled, for which application for United States Letters Patent is made; and

WHEREAS, **Canberra Industries, Inc.**, a Delaware corporation (hereinafter referred to as "Assignee"), with an address of 800 Research Parkway, Meriden, Connecticut, 06450, desires to acquire the undersigned's entire right, title and interest in and to the invention, and in and to said application and any Letters Patent that may issue thereon;

NOW THEREFORE, for and in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned:

Hereby sell, assign and transfer to Assignee, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent identified above;

And in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all utility models, industrial models, certificates of invention, and designs on said improvements;

Agree that said Assignee ~~may apply for~~ and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives ~~to~~ carry out in good faith the intent and purpose of this assignment, the Undersigned, will execute all ~~divisional, continuing, substitute, renewal,~~

reissue and all other patent applications, and all other like rights of exclusion in any country on any and all said improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assignee, its successors, assigns and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns and representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Agree that the undersigned will upon request of Assignee, render prompt assistance and cooperation in the prosecution of legal proceedings involving said improvements, said applications and patents granted thereon, including oppositions, cancellation proceedings, priority contest, public use proceedings and court proceedings, and testify in such proceedings if requested, provided, however, that the expense which may be incurred by the Undersigned in lending such assistance and cooperation be paid by Assignee; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the Undersigned, except as set forth below, and that full right to convey the same as herein expressed is possessed by the Undersigned.

This assignment shall be binding on the heirs and legal representatives of the undersigned.

Date: 3/22/13

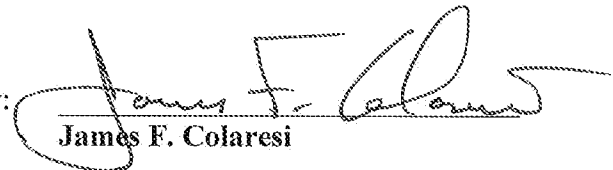
By: Kenneth Michael Yocum
Kenneth Michael Yocum

This 22nd day of March, 2013, before me personally appeared **Kenneth Michael Yocum** to me personally known as the individual who executed the foregoing instrument, who acknowledges to me that he executed the same of his own free will for the purpose therein set forth.

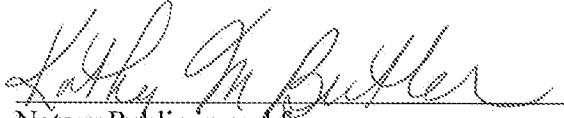
My Commission Expires:
7-31-2017

Kathy M. Butler
Notary Public in and for
The State of CT

KATHY M. BUTLER
Notary Public
in the State of Connecticut
My Commission Expires July 31, 2017

Date: March 22, 2013 By: 
James F. Colaresi

This 22 day of March, 2013, before me personally appeared **James F. Colaresi** to me personally known as the individual who executed the foregoing instrument, who acknowledges to me that he executed the same of his own free will for the purpose therein set forth.

My Commission Expires: 7-17-2017 
Notary Public in and for
The State of CT

Date: _____ By: _____
Orren K. Tench

This _____ day of _____, 2013, before me personally appeared **Orren K. Tench** to me personally known as the individual who executed the foregoing instrument, who acknowledges to me that he executed the same of his own free will for the purpose therein set forth.

My Commission Expires: _____
Notary Public in and for
The State of _____

KATHY M. BUTLER
Notary Public
in the State of Connecticut
My Commission Expires July 31, 2017

Date: _____

By: _____
James F. Colaresi

This ____ day of _____, 2013, before me personally appeared James F. Colaresi to me personally known as the individual who executed the foregoing instrument, who acknowledges to me that he executed the same of his own free will for the purpose therein set forth.

My Commission Expires: _____

Notary Public in and for
The State of _____

Date: March 25 2013

By: Orren K. Tench
Orren K. Tench

This 25 day of March, 2013, before me personally appeared Orren K. Tench to me personally known as the individual who executed the foregoing instrument, who acknowledges to me that he executed the same of his own free will for the purpose therein set forth.

My Commission Expires: _____

7-13-15

Julie A. Olsrove
Notary Public in and for
The State of Florida

