

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| David P. DiPrete | 11/30/2009 |
| RECEIVING PARTY DATA | |
| Name: | Savannah River Nuclear Solutions, LLC |
| Street Address: | Office of General Counsel, Building 773-41A |
| Internal Address: | Room 227 |
| City: | Aiken |
| State/Country: | SOUTH CAROLINA |
| Postal Code: | 29808 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12543856 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | CXU-585 (08-068) |
| NAME OF SUBMITTER: | Christina L. Mangelsen |
| Total Attachments: 2 source=CXU-585-SavannahAssignment#page1.tif source=CXU-585-SavannahAssignment#page2.tif | |

OP \$40.00 12543856

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PATENT
REEL: 023632 FRAME: 0729

ASSIGNMENT OF PATENT APPLICATION

Whereas, I, David P. DiPrete, a citizen of the United States of America, having a residential address of 2016 Rivershyre Drive, Evans, GA 30809; have invented certain improvements in an invention entitled: **Colorimetric Detection of Uranium in Drinking Water** by and for which a patent is sought.

Whereas, Savannah River Nuclear Solutions, LLC, having a mailing address of Office of General Counsel, Building 773-41A, Room 227, Aiken, SC 29808, desires to acquire the entire right, title and interest in the same.

Now, therefore, for good and valuable consideration, including wages, salary and other employee benefits in compensation for my employment with Savannah River Nuclear Solutions, LLC, the receipt and sufficiency of which is hereby acknowledge, I, assign and transfer to Savannah River Nuclear Solutions, LLC, the exclusive right, title and interest in the United States and the world in and to the invention; the above identified application; any patent which may issue on the application; and, for either the application or patent, any renewal, reissue, division, continuation, or continuation-in-part, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee and do hereby authorize Assignee or its designee to insert in here the

Application No. 12/543,856 Filing Date August 19, 2009
in the country United States of America on which the claim for
priority will be based; and in and to any Letters Patent that may be issued for the
invention in any and all countries.

I bind myself, my heirs, legal representatives, administrators and assigns to properly execute without further consideration, any and all applications, petitions, oaths and assignments, or other papers and instruments, which may be necessary in order to carry into full force and effect this assignment and transfer made or intended to be made.

I do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition, or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request; and I do hereby authorize Assignee or its designee (or nominee(s)) to insert here any corresponding equivalent

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in the country _____

to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. I authorize

Assignee or its designee to translate this Assignment into all languages necessary; and I request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.



David P. DiPrete

11/30/09

Date