

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2771149

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GEORGE C. CARVER	01/17/2014
VADIM Z. SHTYLMAM	01/17/2014
MICHAEL YAKSH	01/17/2014
HOLGER PFEIFER	01/17/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NAC INTERNATIONAL, INC.
<b>Street Address:</b>	3930 E. JONES BRIDGE ROAD
<b>City:</b>	NORCROSS
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30092
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14160833
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(770)951-0933
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<b>Email:</b>	julie.campbell@thomashorstemeyer.com
<b>Correspondent Name:</b>	THOMAS   HORSTEMEYER, LLP
<b>Address Line 1:</b>	400 INTERSTATE NORTH PARKWAY
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<b>Address Line 4:</b>	ATLANTA, GEORGIA 30339
<b>ATTORNEY DOCKET NUMBER:</b>	061404-1250
<b>NAME OF SUBMITTER:</b>	SCOTT A. HORSTEMEYER
<b>SIGNATURE:</b>	/SAH/
<b>DATE SIGNED:</b>	03/17/2014
<b>Total Attachments: 6</b>	
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**ASSIGNMENT  
OF UTILITY PATENT APPLICATION**

WHEREAS, the following parties:

<u>Name</u>	<u>Address</u>
George C. Carver	5364 W. Jones Bridge Rd., Norcross, GA 30092
Vadim Z. Shtylmam	3375 Waters Hill Dr., Alpharetta, GA 30022
Michael Yaksh	898 Saybrook Circle, Lilburn, GA 30047
Holger Pfeifer	4220 Flippen Trail, Norcross, GA, 30092

hereinafter referred to as ASSIGNOR, has/have invented certain new and useful improvements ("invention(s)") as described and set forth in the below-identified utility application for United States Letters Patent entitled:

**SYSTEMS AND METHODS FOR PASSIVE COOLING DURING NUCLEAR FUEL TRANSFER**

which was:

- executed on even date herewith,
- filed with the United States Patent and Trademark Office (USPTO) on 01/22/2014 and assigned Serial No. 14/160,833, and
- further described in U.S. Provisional application entitled " \_\_\_\_\_ " filed with the USPTO on \_\_\_\_\_, and assigned Serial No. \_\_\_\_\_.

WHEREAS, **NAC INTERNATIONAL, INC.**, having a place of business at 3930 E. Jones Bridge Road, Norcross, GA 30092, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said invention(s), said utility application, said provisional application, and any U.S. and foreign patents which are related to the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said invention(s), said utility application, and said provisional application and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for said inventions, including all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the

entire right, title and interest in and to said invention(s), said utility application, and said provisional application for all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them.


ASSIGNOR authorizes ASSIGNEE to make application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for patent or other form of protection for said inventions, said utility application, or said provisional application and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for said inventions be issued to ASSIGNEE in the U.S. and to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with the patent applications, patents, or other forms of protection of said invention(s), and for the defense and protection thereof if challenged in the court of law.

ASSIGNOR authorizes ASSIGNEE or its agents to insert, on ASSIGNOR'S behalf, the filing date and/or serial number above pertaining to the utility application and/or the provisional application, if not known as of the date of execution of this document.

  
\_\_\_\_\_  
George C. Carver

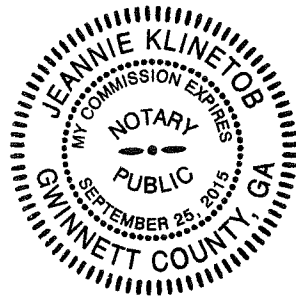
Date: January 17, 2014

United States of America

State of Georgia

County of Conwinnett

On this 17<sup>th</sup> day of January, 2014, before me personally came **George C. Carver** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.



Jeannie Klenetob  
\_\_\_\_\_  
Notary Public

September 25, 2015  
\_\_\_\_\_  
My Commission Expires (Date)

V. Shtylman  
Vadim Z. Shtylman

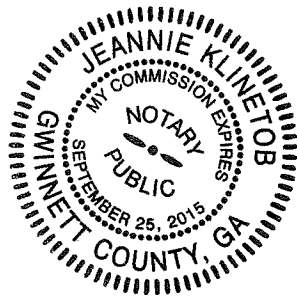
Date: January 17, 2014

United States of America

State of Georgia

County of Gwinnett

On this 17<sup>th</sup> day of January, 2014, before me personally came **Vadim Z. Shtylman** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.



Jeannie Kline Tob  
Notary Public

September 25, 2015  
My Commission Expires (Date)

Michael Yaksh  
Michael Yaksh

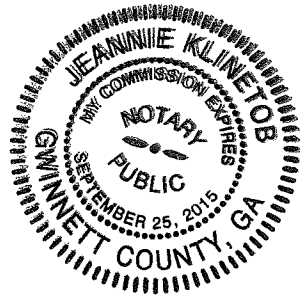
Date: January 17, 2014

United States of America

State of Georgia

County of Gwinnett

On this 17<sup>th</sup> day of January, 2014, before me personally came **Michael Yaksh** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.



Jeannine Kline Tob  
Notary Public

September 25, 2015  
My Commission Expires (Date)

Holger Pfeifer  
Holger Pfeifer

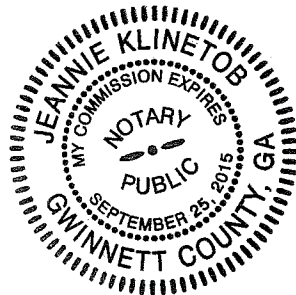
Date: January 17, 2014

United States of America

State of Georgia

County of Gwinnett

On this 17<sup>th</sup> day of January, 2014, before me personally came **Holger Pfeifer** to me known to be the individual described above and who executed the foregoing instrument, or acknowledged execution of the same.



Jeannie Kline Tob  
Notary Public

September 25, 2015  
My Commission Expires (Date)