

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 Skinner</td> <td>02/14/2013</td> </tr> <tr> <td>Arthur L Lucas III</td> <td>02/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kenneth Michael Skinner	02/14/2013	Arthur L Lucas III	02/19/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Mid-Atlantic Technology, Research & Innovation Center, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 8396</td> </tr> <tr> <td>City:</td> <td>South Charleston</td> </tr> <tr> <td>State/Country:</td> <td>WEST VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>25303</td> </tr> </table>		Name:	Mid-Atlantic Technology, Research & Innovation Center, Inc.	Street Address:	P.O. Box 8396	City:	South Charleston	State/Country:	WEST VIRGINIA	Postal Code:	25303
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number:	3043570919										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	3043579924										
Email:	monika.hussell@dinsmore.com										
Correspondent Name:	Monika J Hussell										
Address Line 1:	900 Lee Street, Suite 600										
Address Line 4:	Charleston, WEST VIRGINIA 25301										
NAME OF SUBMITTER:	Monika J. Hussell										
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif											

OP \$40.00 13012703

ASSIGNMENT

WHEREAS, the following named inventor(s) (the "Inventor(s)") have invented a new and useful process, machine, manufacture, or composition of matter, and/or any new and useful improvement thereof, or any combination of the foregoing, as described in the patent application or applications hereinafter identified (the "Application(s)").

INVENTOR(S):	Kenneth Michael Skinner	US
	Arthur L. Lucas, III	US
	<i>(Name)</i>	<i>(Residence State, Country)</i>

APPLICATION(S):	<i>Type</i>	<i>USPTO Serial No.</i>	<i>Filing Date</i>
	Non-provisional-Utility	13/012,703	January 24, 2011
	<i>Title: Cascading Planar Baffle Reactor</i>		

WHEREAS, the following named individual or entity (the "Assignee"), is desirous of acquiring the entire right, title and interest in and to the Application(s) and the inventions therein disclosed and any letters patent that may issue thereon;

ASSIGNEE:	Mid-Atlantic Technology, Research & Innovation Center, Inc.	WV	P.O. Box 8396 So. Charleston, WV 25303
	<i>(Name)</i>	<i>(State of Organization)</i>	<i>(Business Address)</i>

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Inventor(s) do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the Application(s) and any utility applications claiming the priority thereof, any divisions or continuations of such utility applications, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon. The Inventors further hereby authorize and request the Commissioner of Patents and Trademarks to issue any of the afore-described letters patent, and reissues thereof, to the Assignee, its successors and assigns. Additionally, the Inventors hereby authorize the Assignee, its successors and assigns, to file in its own name, applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of the Application or otherwise, and to secure in its own name the patent or patents issued thereon. Finally, the Inventors hereby agree that, upon request, each of them will sign all papers, and make all rightful oaths, and do all acts which the Assignee, its successors or assigns, may consider necessary in connection the Application(s), and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

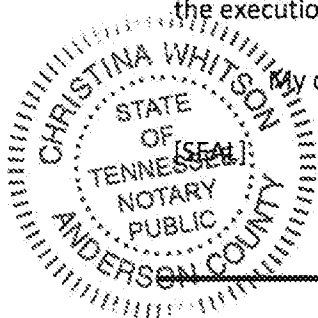
IN WITNESS WHEREOF, and intending to be legally bound to the terms hereof, the Inventor(s) have executed this Assignment as their free act and deed, effective as of this 14 day of Feb, 2013.



Kenneth Michael Skinner

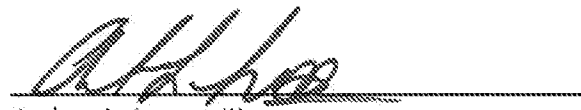
State of Tennessee)
County of Knox)

On this 14 day of February, 2013, before me, a Notary Public in and for the above County and State, personally appeared the above named individual, personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.

My commission expires: 04/23/16



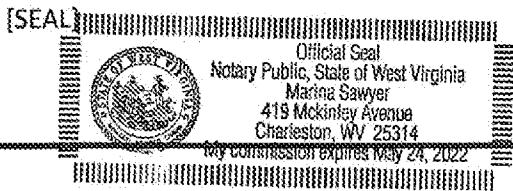

Notary Public

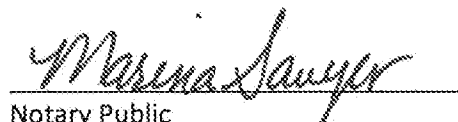

Arthur L. Lucas, III

State of West Virginia)
County of Kanawha)

On this 19th day of February, 2013, before me, a Notary Public in and for the above County and State, personally appeared the above named individual, personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.

My commission expires: May 24, 2022




Notary Public