

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BRETT A. BOWAN	05/20/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ECHOGEN POWER SYSTEMS, LLC
<b>Street Address:</b>	365 WATER STREET
<b>City:</b>	AKRON
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	44308
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14164780
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<b>NAME OF SUBMITTER:</b>	N. ALEXANDER NOLTE
<b>SIGNATURE:</b>	/N. Alexander Nolte/
<b>DATE SIGNED:</b>	06/26/2014
<b>Total Attachments: 1</b>	
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**ASSIGNMENT**

WHEREAS, I

(1) **Brett A. Bowan** of Copley  
State of Ohio, USA

have invented certain improvements in "**PROCESS FOR CONTROLLING A POWER TURBINE THROTTLE VALVE DURING A SUPERCRITICAL CARBON DIOXIDE RANKINE CYCLE**" for which I have filed a Patent Application for Letters Patent on January 27, 2014, as Application No. 14/164,780; and

WHEREAS, ECHOGEN POWER SYSTEMS, LLC (Assignee), a Limited Liability Company, having its principal office and place of business at 365 Water Street, Akron, Ohio 44308, is desirous of obtaining the entire right, title, and interest in, to and under said invention and said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and I hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

First Inventor Name: Brett A. Bowan  
Residence Address: 1285 Clifford Drive, Copley, OH 44321

Dated: 5/20/14

Dated: 5/20/14

  
Inventor Signature

  
Witness Signature

Witness Name: JONITA L. SCHMIDT