504515247 08/23/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4561952

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	DATA					
		Name		Execution Date		
BRETT A BOWAN				08/11/2017		
MICHAEL LOUIS VER	RMEERSCH	Η		08/15/2017		
RECEIVING PARTY I						
Name: ECHOGEN POWER SYSTEMS, LLC						
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City:	AKRO	AKRON				
State/Country:	оню	ОНЮ				
Postal Code:	44308	44308				
PROPERTY NUMBER						
Property Type		Number				
Application Number:		15523441				
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ATTORNEY DOCKET	NUMBER:	EPS-135UTIL	EPS-135UTIL			
NAME OF SUBMITTER:		N. ALEXANDER NOLTE	N. ALEXANDER NOLTE			
SIGNATURE:		/N. Alexander Nolte/	/N. Alexander Nolte/			
DATE SIGNED:		08/23/2017	08/23/2017			
ATE SIGNED:		08/23/2017				

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ASSIGNMENT

WHEREAS, we,

- (1) Brett A. Bowan of Copley State of Ohio, USA
- (2) Michael Louis Vermeersch of Ravenna State of Ohio, USA

have invented certain improvements in "VALVE NETWORK AND METHOD FOR CONTROLLING PRESSURE WITHIN A SUPERCRITICAL WORKING FLUID CIRCUIT IN A HEAT ENGINE SYSTEM WITH A TURBOPUMP" for which we have filed a Patent Application for Letters Patent on May 1, 2017, as Application No. 15/523,441; 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, we 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 we 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 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 WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we 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.

PATENT REEL: 043365 FRAME: 0254

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Attorney Docket No. EPS-135UTIL

First Inventor Name: Residence Address:	Brett A. Bowan 1285 Clifford Drive Copley, Ohio 44321	
Dated: <u>8/////</u> 2		Invebror Signature
Dated: <u>8/0/17</u>		<u>Anton Quict</u> Witness Signature
		Wilness Name: Brivitia L. 2014m/DT
Second inventor Name: Residence Address:	Michael Louis Vermeer 2603 Buckeye Blvd. Ravenna, Ohio 44266	sch
Dated:	~	
Datasi		Inventor Signature
Dated:		Witness Signature
		Witness Name:

Attorney Docket No. EPS-135UTIL

First inventor Name: Residence Address:

Dated:

Brett A. Bowan 1285 Clifford Drive Copley, Ohio 44321

Dated:_____

Inventor Signature

Witness Signature

Witness Name

Second Inventor Name: Residence Address:

Michael Louis Vermeersch 2603 Buckeye Blvd. Ravenna, Ohio 44266

IS Ú 15 Dated:_____

Dated:

Inventor' Signature

Witness Signature

Witness Name: BONTIA 1. 2010

RECORDED: 08/23/2017

PATENT REEL: 043365 FRAME: 0256