

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>Brian S. Vandrak</td> <td>11/28/2011</td> </tr> <tr> <td>Donald C. Haney</td> <td>11/28/2011</td> </tr> </tbody> </table>		Name	Execution Date	Brian S. Vandrak	11/28/2011	Donald C. Haney	11/28/2011				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Enerco Group, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>4560 West 160th Street</td> </tr> <tr> <td>City:</td> <td>Cleveland</td> </tr> <tr> <td>State/Country:</td> <td>OHIO</td> </tr> <tr> <td>Postal Code:</td> <td>44135</td> </tr> </table>		Name:	Enerco Group, Inc.	Street Address:	4560 West 160th Street	City:	Cleveland	State/Country:	OHIO	Postal Code:	44135
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CORRESPONDENCE DATA											
<p>Fax Number: 3302538601 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: iplaw@brouse.com Correspondent Name: John M. Skeriotis Address Line 1: 388 South Main Street Address Line 2: Suite 500 Address Line 4: Akron, OHIO 44311-4407</p>											
ATTORNEY DOCKET NUMBER:	21384.53870										
NAME OF SUBMITTER:	John M. Skeriotis										
Total Attachments: 2 source=Assignment_Vandrak#page1.tif source=Assignment_Haney#page1.tif											

CH \$40.00 13245106

Docket No.: 21384.46939
Application No.: 11/954,641
Filed Date: December 12, 2007

ASSIGNMENT

WHEREAS, I, **Brian S. Vandrak** of 5927 Highland Road, Highland Heights, Ohio 44143, the ("undersigned"), have invented certain improvements related to **HEAT AND/OR LIGHT PRODUCING UNIT POWERED BY A LITHIUM SECONDARY CELL BATTERY WITH HIGH CHARGE AND DISCHARGE RATE CAPABILITY** and described in patent application having serial number 11/954,641, filed on December 12, 2007, in The United States of America, being owner of all right, title, and interest in and to said application and in and to any invention described therein and having full right to convey the entire interest both legal and equitable herein assigned; and

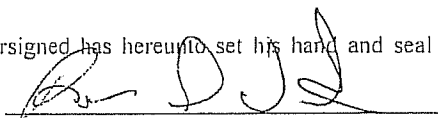
WHEREAS, **Enerco Group, Inc.** of 4560 West 160th Street, Cleveland, Ohio 44135, a corporation of the State of Ohio (assignee) is desirous of acquiring the entire right, title and interest in and to said application and said invention described therein and any and all patents to be obtained therefore, all as hereinafter set forth:

NOW, THEREFORE, in consideration of good and valuable consideration received by the undersigned, the undersigned do hereby sell, assign, transfer, and set over unto said assignee, its successors and assigns, the entire right, title, and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title, and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part, or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee or its successors and assigns.

The undersigned further agree to execute all divisional, continuing, substitute, improvement, extension, reissue, and other patent applications in this or any foreign country relating to said application or invention and to sign all other lawful papers and to perform all other lawful acts without further consideration, but without expense to the undersigned, which the assignee may deem necessary or desirable to make this Assignment fully effective including by way of example, but not of limitation, the following acts:

- (1) Prompt execution of all lawful oaths, affidavits, and/or supplemental oaths required or deemed advisable by the assignee to further the prosecution of any application or applications for letters patent relating to the subject matter of this Assignment;
- (2) To co-operate to the best of my and/or our ability in the execution of all lawful documents, the production of evidence, and the giving of testimony in interference, opposition, nullification, or infringement proceedings involving the said invention or improvement, applications or patents or any of them.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal on the date set after his signature.


Brian Vandrak, 11/28, 2011
Date

State of Ohio)
County of Cuyahoga) SS:

On this 28th day of November, 2011, before me personally appeared Brian Vandrak, personally known, and known to me to be the person(s) who signed the foregoing assignment, and acknowledge the signing of same as his free act and deed.

Jessica M. Brockway Jessica M. Brockway, 11/28, 2011
Notary Public (Print Name) Signature Date

Jessica M. Brockway
Notary Public
Comm. Expires: 9/30/12

Docket No.: 21384.46939
Application No.: 11/954,641
Filed Date: December 12, 2007

ASSIGNMENT

WHEREAS, I, **Donald C. Haney** of 14343 Oakland Park, Strongsville, Ohio 44136, the ("undersigned"), have invented certain improvements related to **HEAT AND/OR LIGHT PRODUCING UNIT POWERED BY A LITHIUM SECONDARY CELL BATTERY WITH HIGH CHARGE AND DISCHARGE RATE CAPABILITY** and described in patent application having serial number 11/954,641, filed on December 12, 2007, in The United States of America, being owner of all right, title, and interest in and to said application and in and to any invention described therein and having full right to convey the entire interest both legal and equitable herein assigned; and

WHEREAS, **Enerco Group, Inc.** of 4560 West 160th Street, Cleveland, Ohio 44135, a corporation of the State of Ohio (assignee) is desirous of acquiring the entire right, title and interest in and to said application and said invention described therein and any and all patents to be obtained therefore, all as hereinafter set forth:

NOW, THEREFORE, in consideration of good and valuable consideration received by the undersigned, the undersigned do hereby sell, assign, transfer, and set over unto said assignee, its successors and assigns, the entire right, title, and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application; and in and to any application filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title, and interest in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part, or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee or its successors and assigns.

The undersigned further agree to execute all divisional, continuing, substitute, improvement, extension, reissue, and other patent applications in this or any foreign country relating to said application or invention and to sign all other lawful papers and to perform all other lawful acts without further consideration, but without expense to the undersigned, which the assignee may deem necessary or desirable to make this Assignment fully effective including by way of example, but not of limitation, the following acts:

- (1) Prompt execution of all lawful oaths, affidavits, and/or supplemental oaths required or deemed advisable by the assignee to further the prosecution of any application or applications for letters patent relating to the subject matter of this Assignment;
- (2) To co-operate to the best of my and/or our ability in the execution of all lawful documents, the production of evidence, and the giving of testimony in interference, opposition, nullification, or infringement proceedings involving the said invention or improvement, applications or patents or any of them.

IN WITNESS WHEREOF, the undersigned has hereunto set his hand and seal on the date set after his signature.


Donald C. Haney

Nov 28, 2011
Date

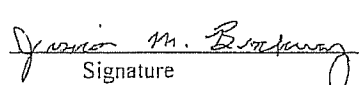
State of Ohio)

) SS:

County of Cuyahoga)

On this 28th day of November, 2011, before me personally appeared Brian Vandrak, personally known, and known to me to be the person(s) who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

Jessica M. Brockway
Notary Public (Print Name)


Signature

11/28, 2011
Date

Jessica M. Brockway
Notary Public
Comm. Expires: 9/30/12

PATENT

RECORDED: 02/07/2013

REEL: 029769 FRAME: 0224