

FORM PTO-1619A  
Expires 05/30/99  
OMB 0651-0027

01-29-2002



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# RECORDATION FORM COVER SHEET PATENTS ONLY

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## Conveyance Type

- ☒ Assignment ☐ Security Agreement
- ☐ License ☐ Change of Name
- ☐ Merger ☐ Other
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- ☐ Departmental File ☐ Secret File

## Conveying Party(ies)

- ☐ Mark if additional names of conveying parties attached
- Name (line 1) WAY, Peter F. Execution Date  
Month Day Year 12 12 2001

## Second Party

- Name (line 1)  Execution Date  
Month Day Year
- Name (line 2)

## Receiving Party

- ☐ Mark if additional names of receiving parties attached

- Name (line 1) CADENCE ENVIRONMENTAL ENERGY, INC.
- Name (line 2) (an Indiana corporation)
- Address (line 1) One Cadence Park Plaza
- Address (line 2)
- Address (line 3) Michigan City IN 46360  
City State/Country Zip Code
- ☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

## Domestic Representative Name and Address

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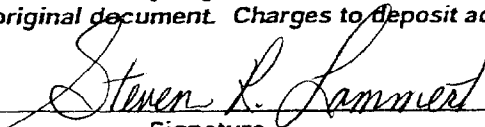
01/28/2002 LMUELLER 00000157 60231663

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(July 1998)

**PATENT**  
**REEL: 012502 FRAME: 0478**

FORM PTO-1619B <small>Expires 08/30/00 OMB 0951-0027</small>		Page 2		U.S. Department of Commerce Patent and Trademark Office <b>PATENT</b>	
<b>Correspondent Name and Address</b>				<b>Area Code and Telephone Number</b> (317) 236-1313	
Name <u>LAMMERT, Steven R.</u>					
Address (line 1) <u>BARNES &amp; THORNBURG</u>					
Address (line 2) <u>11 South Meridian Street</u>					
Address (line 3) <u></u>					
Address (line 4) <u>Indianapolis, IN 46204</u>					
<b>Pages</b>		Enter the total number of pages of the attached conveyance document including any attachments. # <u>2</u>			
<b>Application Number(s) or Patent Number(s)</b>					
<div style="text-align: right;"><input type="checkbox"/> Mark if additional numbers attached</div> <div style="text-align: center;"><small>Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).</small></div>					
<b>Patent Application Number(s)</b>			<b>Patent Number(s)</b>		
<u>60231663</u>	<u>09951164</u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>60251129</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<u>60276355</u>	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>
<small>If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was signed by the first named executing inventor.</small>					
<div style="text-align: right;"><small>Month Day Year</small></div> <div style="text-align: right;"><u></u></div>					
<b>Patent Cooperation Treaty (PCT)</b>					
<div style="text-align: center;"><small>Enter PCT application number only if a U.S. Application Number has not been assigned.</small></div>					
PCT <u>US0128580</u>		PCT <u></u>		PCT <u></u>	
PCT <u></u>		PCT <u></u>		PCT <u></u>	
<b>Number of Properties</b>					
Enter the total number of properties involved. # <u>5</u>					
<b>Fee Amount</b>					
Fee Amount for Properties Listed (37 CFR 3.41): \$ <u>200.00</u>					
Method of Payment: Enclosed <input checked="" type="checkbox"/> Deposit Account <input type="checkbox"/>					
<small>(Enter for payment by deposit account or if additional fees can be charged to the account.)</small>					
Deposit Account Number: # <u>10-0435</u>					
Authorization to charge additional fees: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
<b>Statement and Signature</b>					
<p><i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.</i></p>					
Steven R. Lammert				December 26, 2001	
Name of Person Signing		Signature		Date	

**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s) Peter F. WAY  
of Inventor(s) \_\_\_\_\_  
\_\_\_\_\_

Check applicable maker(s) of an invention which is the subject of ☒ United States Provisional Patent Applications  
boxes and enter identified by Serial Nos. 60/231,663; 60/251,129; and 60/276,355 and filing dates September 11, 2000;  
serial number and December 4, 2000; and March 16, 2001, and U.S. Serial No. 09/951,164, filed September 11, 2001; and  
date if available a ☒ PCT International Application, entitled

Title of MIXING HIGH TEMPERATURE GASES IN MINERAL KILNS  
Application hereinafter (the "Application(s)")

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of CADENCE ENVIRONMENTAL ENERGY, INC.  
Assignee

Address of One Cadence Park Plaza  
principal \_\_\_\_\_  
place of Michigan City, Indiana 46360  
business

Insert State of a corporation of INDIANA  
Incorporation \_\_\_\_\_  
(if applicable) or  
"Not Applicable"

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application(s), including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

PROVISIONAL/PCT PATENT APPLICATION  
ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at Scituate, Massachusetts,  
this 12th day of December, 2001.

~~Outside the USA:~~  
Witnesses are required when acknowledgment before a Notary Public is not feasible.

P F Way  
Inventor (Signature)

Peter F. WAY  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF MASSACHUSETTS }  
COUNTY OF Essex } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this 12th day of December, 2001.

M J Arsenault  
Notary Public

**MARTIN J. ARSENAULT**  
**NOTARY PUBLIC**  
**MY COMMISSION EXPIRES**  
**JUNE 16, 2006**  
Printed Name

My Commission Expires: \_\_\_\_\_

Resident of Essex County

PCT International Application Serial No.: PCT/US01/28580  
International Filing Date: September 12, 2001