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Atty. Docket:  
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To the Director, U.S. Patent and Trademark Office

Original documents or copy thereof.

1. Name of conveying party(ies):

1) Katriina NIEMINEN (heiress of the deceased inventor  
Jorma NIEMINEN)

2) Matti HILTUNEN

10-21-04

Additional name(s) of conveying party(ies) attached?

Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: 1) October 8, 2004, and 2) October 4, 2004

Name: FOSTER WHEELER ENERGIA OY

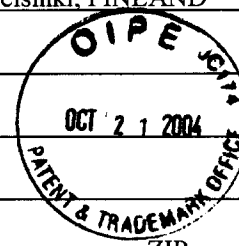
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City: State ZIP

Additional name(s) & address(es) attached?  Yes  No



Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application Number: 10/499,039

Filing Date: June 17, 2004

B. Title of Invention:

METHOD AND APPARATUS FOR GASIFYING  
CARBONACEOUS MATERIAL

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Fitzpatrick, Cella, Harper & Scinto

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6. Number of applications and patents involved:

One

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)

06-1205

(Attach duplicate copy of this page if paying by deposit account):

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or is a true copy of the original document.

Steven E. Warner, Reg. No. 33,326  
Name of Person Signing

*Steven E. Warner*  
Signature

October 21, 2004  
Date

Total number of pages including cover sheet, attachments, and documents: 3

10/25/2004 DBYRME 00000093 10499039  
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## ASSIGNMENT

FOR VALUE RECEIVED, WE, **Jorma Nieminen**, now deceased, **Katriina Nieminen**, heiress of the deceased inventor, Jorma Nieminen, and a citizen of Finland residing at Sölvenkuja 4, FI-78300 Varkaus, Finland, and **Matti Hiltunen**, a citizen of Finland residing at Virsumäentie 91, FI-48600 Karhula, Finland, hereby sell, assign, transfer and convey unto **Foster Wheeler Energia Oy**, a corporation of Finland having a place of business at Nuijamiestentie 3, FI-00400 Helsinki, Finland, its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for all countries, in and to certain inventions relating to "**METHOD AND APPARATUS FOR GASIFYING CARBONACEOUS MATERIAL**" and described in U.S. Patent Application No. 10/499,039 filed by us on June 17, 2004, based on International Patent Application No. PCT/FI02/01052 filed on December 20, 2002, and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority so to do, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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

AND we hereby covenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our respective signatures.

October 8, 2004

Katriina Nieminen L.S.

Katriina Nieminen, heiress of the deceased  
inventor, Jorma Nieminen

Leif Lindström  
(Witness) Leif Lindström

October 4, 2004

Matti Hiltunen L.S.

Matti Hiltunen

Kirsi Partamies  
(Witness) Kirsi Partamies

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