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02-09-2006

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109 Rec'd PCT/PTO 31 JAN 2006
Atty Docket No. 2003P07875WOUS

1/21/06
To the Director of the U.S. Pa

ched documents or the new address(es) below

103175040

1. Name of conveying party(ies)/Execution Date(s):

Matthias Böttger
Jörg Lengert

Execution Date(s) January 12, 2006 (Lengert); January 16, 2006 (Böttger)

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Siemens Aktiengesellschaft

Internal Address: _____

Street Address: Wittelsbacherplatz 2

City: Muenchen

State: _____

Country: GERMANY Zip: 80333

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

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

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

02/06/2006 HKAYPAGH 00000116 192179 10566768

04 FC:8021

(40.00 DA)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Elsa Keller

Internal Address: Siemens Corporation

Intellectual Property Department

Street Address: 170 Wood Avenue South

City: Iselin

State: NJ Zip: 08830

Phone Number: 732-321-3026

Fax Number: 732-321-3014

Email Address: elsa.keller@siemens.com

6. Total number of applications and patents involved: ONE

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 19-2179

Authorized User Name JOHN P. MUSONE

9. Signature :

JOHN P. MUSONE

Signature

Reg. No. 44,961

JANUARY 31, 2006

Date

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

3

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 017560 FRAME: 0773

ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

Matthias Böttger
residing at:
Düsseldorfer Str. 47
10707 Berlin
GERMANY

Jörg Lengert
residing at:
Schwalbenstr. 6
91475 Lonnerstadt-Ailsbach
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residing at:

residing at:

residing at:

residing at:

residing at:

residing at:

hereby sell, assign, and transfer to

Siemens Aktiengesellschaft

a German corporation organized and existing under the laws of the Federal Republic of Germany, having its principal place of business in Munich, GERMANY herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **Method and device for carrying out a thermodynamic cycle**

disclosed in the PCT international application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No. 2003P07875WOUS
and filed as PCT-application PCT/EP2004/007443

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

IDNR: 4248 / V: 04-1.00 / B: Val

hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and

hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 16. January 2006

Matthias Böttger
Matthias Böttger

Witnesses: (type name) David Mark

Witnesses: (type name) JEUS KLINGEMANN

Date: 12.1.06

Jörg Lenger
Jörg Lenger

Witnesses: (type name) Steffen Hindle

Witnesses: (type name) Jürgen Vogt

Date: _____

Witnesses: _____
(type name)

Witnesses: _____
(type name)