

AD 581-40  
6/26/09

IP19 Rec'd PTO/PTO 26 JUN 2009

Form PTO-1595 (Rev. 03-09)  
OMB No. 0651-0027 (exp. 03/31/2007)

07-01-2009

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office



HEET

12/448628

To the Director of the U.S. Patent and Trademark Office

103565832

ed documents or the new address(es) below.

**1. Name of conveying party(ies)**

Carl A. Reiser

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) January 5, 2007

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: UTC Fuel Cells, LLC

Internal Address: \_\_\_\_\_

Street Address: 195 Governor's Highway

City: South Windsor

State: CT

Country: USA Zip: 06074

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

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

A. Patent Application No.(s)

Int'l Application No. PCT/US2006/049549

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

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Andrew D. Gathy

Internal Address: UTC Power Corporation

Intellectual Property Department, MS 601-03

Street Address: 195 Governor's Highway

City: South Windsor

State: CT Zip: 06074

Phone Number: 860-727-2153

Fax Number: 860-727-2399

Email Address: Andrew.Gathy@utcpower.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (no interest not affecting title)

**8. Payment Information**

01 FC:8021

40.00 DA

(Order No. C-3662-US)

Deposit Account Number 50-1307

Authorized User Name M. P. Williams

06/30/2009 DRYNE

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01 FC:8021

07.25.09

Date

**9. Signature:**

Signature

M. P. Williams

Name of Person Signing

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

2

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 022899 FRAME: 0511

ASSIGNMENT

12/448628

WHEREAS, I, Carl A. Reiser of 25 Orchard Street, Unit #19, Stonington, CT 06378, USA, have invented certain improvements in **Robust Heating of Fuel Cells During Subfreezing Start**, identified as Attorney Docket No. C-3662, and described in a patent application executed by the undersigned on the dates set after the signature(s) hereto, being owner(s) of all right, title and interest in and to said application and in and to any invention described therein, free from all prior assignments, agreements, licenses, mortgages, or other encumbrances whatsoever, and having full right to convey the entire interest both legal and equitable herein assigned; and

WHEREAS, UTC Fuel Cells, LLC of South Windsor, Connecticut, a limited liability company of the State of Delaware (assignee) is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged by the undersigned, the undersigned does (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(s) and request(s) 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(s), without any further payment or compensation by said assignee or its successors and assigns, to communicate to said assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said assignee, its successors or assigns and nominees to obtain and enforce proper patent protection for said invention or inventions in this or any foreign country.

IN TESTIMONY WHEREOF, the undersigned has(have) hereunto set his(their) hand(s) and seal(s) on the date after his(their) signature(s).

(L.S.) Carl A. Reiser January 5, 2007  
Carl A. Reiser

State of Connecticut)  
County of Hartford ss:

On this 5<sup>th</sup> day of January, 2007 before me personally appeared Carl A. Reiser to me personally known, and known to me to be the person who signed the foregoing assignment, and acknowledged the signing of same as his free act and deed.

Mary Forcier  
Notary Public  
My Commission Expires: 2/28/07  
Commissioner of the Superior Court  
**MARY FORCIER**  
**NOTARY PUBLIC**  
MY COMMISSION EXPIRES FEB. 28, 2007

SEAL