

11-03-2006



103331814

DELPHI TECHNOLOGIES, INC.  
Customer Number 22851  
Legal Staff  
P.O. Box 5052  
Mail Code: 480-410-202  
Troy, Michigan 48007-5052

OFFICE OF PUBLIC RECORDS  
2006 NOV -2 AM 10: 53  
FINANCE SECTION

Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Enclosed for recording is Assignment documentation for the following patent application:

- Attorney Docket No.: DP-312822
- (1) Assignor/Inventors: Sean M. Kelly; Gail E. Geiger; John A. MacBain; Steven R. Shaffer;
- (2) Assignee: DELPHI TECHNOLOGIES, INC.  
Legal Staff - Mail Code: 480-410-202  
P.O. Box 5052  
TROY, MICHIGAN 48007-5052
- (3) Assignment of patent application
- (4) Application number: 11/133,512, filed May 20, 2005  
If blank, this documentation is filed together with the patent application.
- (5) Address correspondence to: Paul L. Marshall  
DELPHI TECHNOLOGIES, INC.  
Customer Number 22851  
Legal Staff  
P.O. Box 5052  
Mail Code: 480-410-202  
Troy, Michigan 48007-5052
- (6) Number of applications: 1  
Total Fee: 40.00

Date documentation executed May 20, 2005; May 20, 2005; May 20, 2005; and August 10, 2005.

- (8) Not applicable
- (9) To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Title: ANODE TAIL GAS RECYCLE COOLER AND RE-HEATER FOR A SOLID-OXIDE FUEL CELL STACK ASSEMBLY

Please charge the \$ 40.00 assignment recordal fee to Delphi Technologies, Inc. Deposit Account No. 50-0831.

Paul L. Marshall

Total number of pages including cover sheet, attachments and document: 7

Enclosures  
11/02/2006 HJAMA1 00000138 500831 11133512  
01 FC:8021 (40.00 DA)

11.2.06

DELPHI TECHNOLOGIES, INC.  
Assignment

---

As a below named inventor or joint inventor of an invention or improvement entitled:

**ANODE TAIL GAS RECYCLE COOLER AND RE-HEATER FOR  
A SOLID-OXIDE FUEL CELL STACK ASSEMBLY**

for which I have executed an application for Letters Patent of the United States of America, filed on May 20, 2005 as Serial No. 11/133,512; and

WHEREAS, DELPHI TECHNOLOGIES, INC., a corporation organized and existing under the laws of the State of Delaware, having its principal office and place of business in the City of Troy, State of Michigan, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer and set over, unto said DELPHI TECHNOLOGIES, INC., its successors, legal representatives, and assigns, my entire right, title and interest in, to, and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuation applications thereof, and all Letters Patent of the United States of America which may be granted thereof and all reissues and extensions hereof, and all applications for Letters Patents which may be filed for said invention in any country or countries foreign to the United States of America, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, all rights to register said invention in appropriate registries, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said DELPHI TECHNOLOGIES, INC., its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

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


And I hereby further covenant and agree that I will communicate to said DELPHI TECHNOLOGIES, INC., its successors, legal representatives, and assigns, any fact known to me respecting said invention, and testify in any legal proceeding, sign all lawful

papers, execute all divisions, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid said DELPHI TECHNOLOGIES, INC., its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I authorize and affirm said assignments with the signature set forth below on the indicated date.

Inventors:

  
 \_\_\_\_\_, 2005  
 Sean M. Kelly

  
 \_\_\_\_\_, 2005  
 Gail E. Geiger

\_\_\_\_\_, 2005  
 John A. MacBain

\_\_\_\_\_, 2005  
 Steven R. Shaffer

DELPHI TECHNOLOGIES, INC.  
Assignment

---

As a below named inventor or joint inventor of an invention or improvement entitled:

**ANODE TAIL GAS RECYCLE COOLER AND RE-HEATER FOR  
A SOLID-OXIDE FUEL CELL STACK ASSEMBLY**

for which I have executed an application for Letters Patent of the United States of America, filed on May 20, 2005 as Serial No. 11/133,512; and

WHEREAS, DELPHI TECHNOLOGIES, INC., a corporation organized and existing under the laws of the State of Delaware, having its principal office and place of business in the City of Troy, State of Michigan, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer and set over, unto said DELPHI TECHNOLOGIES, INC., its successors, legal representatives, and assigns, my entire right, title and interest in, to, and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuation applications thereof, and all Letters Patent of the United States of America which may be granted thereof and all reissues and extensions hereof, and all applications for Letters Patents which may be filed for said invention in any country or countries foreign to the United States of America, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, all rights to register said invention in appropriate registries, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said DELPHI TECHNOLOGIES, INC., its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

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

And I hereby further covenant and agree that I will communicate to said DELPHI TECHNOLOGIES, INC., its successors, legal representatives, and assigns, any fact known to me respecting said invention, and testify in any legal proceeding, sign all lawful

papers, execute all divisions, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid said DELPHI TECHNOLOGIES, INC., its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I authorize and affirm said assignments with the signature set forth below on the indicated date.

Inventors:

\_\_\_\_\_, 2005  
Sean M. Kelly

\_\_\_\_\_, 2005  
Gail E. Geiger

*John A MacBain*  
\_\_\_\_\_, 2005  
John A. MacBain *May 20*

\_\_\_\_\_, 2005  
Steven R. Shaffer

DELPHI TECHNOLOGIES, INC.  
Assignment

---

As a below named inventor or joint inventor of an invention or improvement entitled:

**ANODE TAIL GAS RECYCLE COOLER AND RE-HEATER FOR  
A SOLID-OXIDE FUEL CELL STACK ASSEMBLY**

for which I have executed an application for Letters Patent of the United States of America, filed on May 20, 2005 as Serial No. 11/133,512; and

WHEREAS, DELPHI TECHNOLOGIES, INC., a corporation organized and existing under the laws of the State of Delaware, having its principal office and place of business in the City of Troy, State of Michigan, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer and set over, unto said DELPHI TECHNOLOGIES, INC., its successors, legal representatives, and assigns, my entire right, title and interest in, to, and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuation applications thereof, and all Letters Patent of the United States of America which may be granted thereof and all reissues and extensions hereof, and all applications for Letters Patents which may be filed for said invention in any country or countries foreign to the United States of America, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, all rights to register said invention in appropriate registries, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said DELPHI TECHNOLOGIES, INC., its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

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

And I hereby further covenant and agree that I will communicate to said DELPHI TECHNOLOGIES, INC., its successors, legal representatives, and assigns, any fact known to me respecting said invention, and testify in any legal proceeding, sign all lawful

148489v1

papers, execute all divisions, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid said DELPHI TECHNOLOGIES, INC., its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I authorize and affirm said assignments with the signature set forth below on the indicated date.

Inventors:

\_\_\_\_\_, 2005  
Sean M. Kelly

\_\_\_\_\_, 2005  
Gail E. Geiger

\_\_\_\_\_, 2005  
John A. MacBain

*Steven R. Shaffer*  
\_\_\_\_\_, 2005  
Steven R. Shaffer 8/10