#### DELPHI TECHNOLOGIES, INC.

Customer Number 22851 Legal Staff P.O. Box 5052 Mail Code: 480-410-202

Troy, Michigan 48007-5052

06-01-2007 

11/804885

103412033

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.:

89190.056306/DP-315392

(1) Assignors:

BALLARD, Gary L. RANELLI, David J. ENGLAND, Diane M. GRIEVE, Malcolm James

CHIA, Yee Ho FISHER, Galen B.

(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:

**TBA** 

(5) Address correspondence to:

Paul L. Marshall, Esq.

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:

Total Fee:

\$40.00

(7) Date documentation executed:

May 10, 2007 Assignor #1 May 9, 2007 Assignor #2 May 9, 2007 Assignor #3 Assignor #4 May 9, 2007

May 9, 2007 Assignor #4

May 14, 2007 Assignor #5

May 11, 2007 Assignor #6

(8) Not applicable.

(9) To the best of my knowledge and belief, the information contained on this cover sheet is a true copy of the original document.

Title: SYSTEM FOR CONTINUOUS REMOVAL OF A SPECIFIC GAS FROM A FLOWING MIXTURE OF GASES

Please charge the \$40.00 assignment recording fee to Deposit Account No. 10-0223.

Dennis B. Danella, Esq.

Reg. No. 46,653

Signature

Signature

40.00 DA

FC:8021

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PATENT

REEL: 019388 FRAME: 0838

# DELPHI TECHNOLOGIES, INC. Assignment

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

### SYSTEM FOR CONTINUOUS REMOVAL OF A SPECIFIC GAS FROM A FLOWING MIXTURE OF GASES

for which I have executed an application for Letters Patent of the United States of America, which is being filed on an even date herewith; and

WHEREAS, DELPHI, 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, 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, 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, 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

161688v1

PATENT REEL: 019388 FRAME: 0839 Inventors:

declarations and/or oaths and generally do everything possible to aid said DELPHI, 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(s) set forth below on the indicated date(s).

May 10 , 2007

Gary L. Ballard

May 10 , 2007

David J. Ranelli

May 9 , 2007

Diane M. England

Malcolm Larnes Grieve

Tay 9th , 2007

Yee Ho Chia

, 2007

# DELPHI TECHNOLOGIES, INC. Assignment

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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, 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, 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, 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

161688v1

PATENT REEL: 019388 FRAME: 0841 declarations and/or oaths and generally do everything possible to aid said DELPHI, 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(s) set forth below on the indicated date(s).

Inventors:			
Gary L. Ballard	<b>.</b>		, 2007
David J. Ranelli			, 2007
Diane M. England	_		, 2007
Malcolm James Grieve			, 2007
Yeo Ho Chia	-	May 14	, 2007
Galen B. Fisher	<del>-</del> -	· · · · · · · · · · · · · · · · · · ·	, 2007

PATENT REEL: 019388 FRAME: 0842

#### Assignment - DELPHI

declarations and/or oaths and generally do everything possible to aid said DELPHI, 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(s) set forth below on the indicated date(s).

Inventors:	
Gary L. Ballard	, 2007
David J. Ranelli	
Diane M. England	, 2007
Malcolm James Grieve	, 2007
Yee Ho Chia	, 2007
Jalen B. Fisher	<u>5/1/5</u> , 2007

PATENT REEL: 019388 FRAME: 0843

**RECORDED: 05/21/2007**