

1/27/05

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OMB 0651-0027

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112921 U.S. PTO  
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Name (line 1) <input type="text" value="Dean R. Hagler"/>	01	25	2005
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**Second Party**

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Name (line 1) <input type="text" value="James P. Vargo"/>	01	25	2005
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Area Code and Telephone Number

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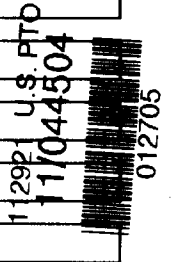
Name Jimmy L. Funke, Esq.

Address (line 1) Delphi Technologies, Inc.

Address (line 2) P.O. Box 5052

Address (line 3) Mail Code 480410202

Address (line 4) Troy, MI 48007



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**Application Number(s) or Patent Number(s)**

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Patent Application Number(s)

Patent Number(s)


If this document is being filed together with a new Patent Application, enter the date the patent application was

Month Day Year  
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**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

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Enter the total number of properties involved.

# 1

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Fee Amount for Properties Listed (37 CFR 3.41): \$

40.00

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Ronald J. Kisicki, Esq.

January 27, 2005

Name of Person Signing

Signature

Date

DELPHI TECHNOLOGIES, INC.  
Assignment

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

**LOW-RESISTANCE HYDROCARBON ADSORBER CARTRIDGE FOR AN AIR  
INTAKE OF AN INTERNAL COMBUSTION ENGINE**

for which I have executed an application for Letters Patent of the United States of America, 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

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:

Dean R. Hagler  
Dean R. Hagler

January 25, 2005

James P. Vargo  
James P. Vargo

Jan 25, 2005