

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT						
NATURE OF CONVEYANCE:	Corrective Assignment to correct the assignee's name. previously recorded on Reel 019339 Frame 0417. Assignor(s) hereby confirms the assignment.						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Franck Vangraefschepe</td> <td>02/08/2007</td> </tr> <tr> <td>Jean-Marc Zaccardi</td> <td>02/08/2007</td> </tr> </tbody> </table>		Name	Execution Date	Franck Vangraefschepe	02/08/2007	Jean-Marc Zaccardi	02/08/2007
Name	Execution Date						
Franck Vangraefschepe	02/08/2007						
Jean-Marc Zaccardi	02/08/2007						
RECEIVING PARTY DATA							
Name:	IFP						
Street Address:	1 & 4 avenue de Bois-Preau						
Internal Address:	92852 Rueil Malmaison						
City:	Cedex						
State/Country:	FRANCE						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11679244</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11679244		
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Application Number:	11679244						
CORRESPONDENCE DATA							
Fax Number:	(703)312-6666						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	7033126600						
Email:	dprater@antonelli.com						
Correspondent Name:	Antonelli, Terry, Stout & Kraus, LLP						
Address Line 1:	1300 N. 17th Street						
Address Line 2:	Suite 1800						
Address Line 4:	Arlington, VIRGINIA 22209						
ATTORNEY DOCKET NUMBER:	612.47220X00						
NAME OF SUBMITTER:	Alan E. Schiavelli						

OP \$40.00 11679244

Total Attachments: 2
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500665782

**PATENT
 REEL: 021626 FRAME: 0777**

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

05/24/2007
 500283416

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Franck VANGRAEFSCHPE</td> <td>02/08/2007</td> </tr> <tr> <td>Jean-Marc ZACCARDI</td> <td>02/08/2007</td> </tr> </tbody> </table>		Name	Execution Date	Franck VANGRAEFSCHPE	02/08/2007	Jean-Marc ZACCARDI	02/08/2007
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Franck VANGRAEFSCHPE	02/08/2007						
Jean-Marc ZACCARDI	02/08/2007						
RECEIVING PARTY DATA							
Name:	INSTITUT FRANCAIS DU PRETROLE						
Street Address:	1 & 4 avenue de Bois-Preau						
Internal Address:	92852 RUEILL MALMAISON						
City:	Cedex						
State/Country:	FRANCE						
PROPERTY NUMBERS Total: 1							
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Phone:	7033126600						
Email:	ayoung@antonelli.com						
Correspondent Name:	Antonelli, Terry, Stout & Kraus						
Address Line 1:	1300 N. Seventeenth Street						
Address Line 2:	Suite 1800						
Address Line 4:	Arlington, VIRGINIA 22209						
ATTORNEY DOCKET NUMBER:	612.47220X00						
NAME OF SUBMITTER:	Alan E. Schiavelli						
Total Attachments: 1 source=47220X00asn#page1.tif							

OP \$40.00 11679244

ASSIGNMENT

ATTY. DOCKET NO.:
612.47220X00

WHEREAS the below named inventor (if only one inventor is named below) or inventors (if plural inventors are named below) hereinafter referred to as the ASSIGNOR invented a certain improvement relating to

METHOD OF CONTROLLING THE COMBUSTION PHASE OF AN INTERNAL-COMBUSTION ENGINE, NOTABLY A GASOLINE TYPE DIRECT-INJECTION SUPERCHARGED ENGINE.

for which an application for Letters Patent to be filed in the United States Patent and Trademark Office was executed on even date.

for which U.S. Application Serial No. *11/679,264* for Letters Patent was filed in the U.S. Patent and Trademark Office on *February 27, 2007*

for which an International Application was filed _____ as _____, designating the United States. on _____

AND WHEREAS

IFP
Address: 1 & 4 avenue de Bois-Préau,
92852 RUEIL MALMAISON CEDEX,
FRANCE

hereinafter referred to as the ASSIGNEE, is desirous of acquiring the entire right, title, and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

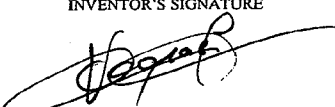

NOW, WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, ASSIGNOR hereby assigns, sells, and transfers to ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, and in and to any and all priority and/or convention rights or benefits accruing or to accrue with respect to the filing or securing of patents in the United States and/or any countries foreign thereto, SAID ASSIGNEE, its assigns and legal representatives to have, hold, exercise, and enjoy said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, including any and all renewals, reissues, reexaminations and extensions thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations and extensions thereof, for the use and benefit of ASSIGNEE and its assigns and legal representatives, in as ample and beneficial a manner to all intents and purposes as the ASSIGNOR might or could have held and enjoyed the same, if the assignment had not been made.

AND ASSIGNOR hereby agrees to execute all papers that may be necessary to file applications in the United States and foreign countries for said invention and to assign the same to said ASSIGNEE, its assigns and legal representatives and to execute any other papers that may be needed in connection with filing said applications and securing Letters Patents thereon.

AND ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue a Letters Patent on said application, and on any and all divisions and continuations thereof, to ASSIGNEE, its assigns and legal representatives, in accordance herewith.

The undersigned hereby grant(s) the law firm of Antonelli, Terry, Stout, Kraus, LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF this assignment is executed by ASSIGNOR.

201	FULL NAME OF SOLE OR FIRST NAMED INVENTOR	INVENTOR'S SIGNATURE	DATE
	VANGRAEFSCHPE Franck		8 Février 2007
202	FULL NAME OF SECOND JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
	ZACCARDI Jean-Marc		8 Février 2007