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PTO-1595 (Rev. 09/ 04) No. 0851-0027 (exp. 6/30/2005)  RECORDATION FOR	
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a the Director of the U.S. Patent and Trademark Office; Please	Name and address of receiving party(ies)
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naros/2005). Pierre perimaios v	Internal Address:
Wichel Wolf (01/24/2005), Execution Date(s): In parentheses after inventor name	Street Address:
Execution Date(s): In pateriorescy with Additional name(s) of conveying party(ies) attached? X Yes No	o 14, avenue Hoche
	75006 Paris
3. Nature of Conveyance:	FRANCE
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Outet	This document is being filed together with a new application.
4. Application or patent number(s);	B. Patent No.(5)
A. Patent Application No.(8)	
10/963,604	
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Additional numbers attac	6. Total number of applications and 1
Name and address to whom correspondence concerning document should be mailed:	patents involveu.
1	LP 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Name: Susan E. Shaw Modes CONNOLLY BOVE LODGE & HUTZ L	Authorized to be charged by credit card
Internal Address: Atty. Dkt.: 22156-00005-US1	X Authorized to be charged to deposit account
Street Address: 1990 M Street, N.W., Suite 800	Enclosed
	None required (government interest not affecting titt
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Washington	B. Payment Information
City:	
State:(202) 231-7111	22-0185
(202) 293-6229	b. Deposit Account Number 22-0105  Authorized User Name Susan E. Shaw McBee
Fax Number: (202) 255 Communication (202) 255 Communic	Audionzed Ossi i
e. Signature:	April 6 <u>, 2005</u>
a. signature. Sr. MCROO	April 6, 2003
Signature	Take number of pages including cover 7
Susan E. Shaw McBee - 39,2	294 Total number of page 294 sheet, attachments, and documents:
Name of Person Signing	

**PATENT REEL: 016020 FRAME: 0963** 

m PTO-1595 RECORDATION FORM COVER SHEET  (Continued)			
	Barty(ies)/Exect	ution Date(s) (1. Continued):	1
	nveying Party(les), Execut lu (01/24/2005), Marc-Jacque naecke (01/24/2005)	es Ledoux (01/24/2005), Michel Kartheuse	r (01/25/2005),
dditional Ass	signees (2. Continued):		Į.
ssignee Name:	Centre National de la Reche	erche Scientifique	-
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:itv:	State:	Country:	Zip:
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City:	State:	Country:	Zlp:
Assignee Name: Internal Address: Street Address:			
Cltv:	State:	Country:	Zlp:
Additional	Applications and/or Pate		
	Additional nu	mbers attached? Yes No	

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Docket No.: 22156-00005-US1

## ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made by Charlotte Pham; Laurie Pesant; Pierre Bernhardt; Michel Wolf; Cuong Pham-Huu; Marc-Jacques Ledoux; Michel Kartheuser; and Estelle Vanhaecke (hereinafter referred to as Assignors), residing at 9, rue des Frères, 67700 Saverne, Vanhaecke (hereinafter referred to as Assignors), residing at 9, rue des Frères, 67100 Saverne, 17A, rue de Bouxwiller, 67000 Strasbourg, FRANCE; 189, rue Montgolfier, 67190 FRANCE; 17A, rue de la Garance, 67170 Brumath, FRANCE; 9, rue des Frères, 67700 Saverne, FRANCE; 11, rue d'Usse, 67000 Strasbourg, FRANCE; 16, rue des Bouchers, 67620 Soufflenheim, FRANCE; and 30, rue du Faubourg de Saverne, 67000 Strasbourg, FRANCE, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in CATALYTIC FILTER BASED ON SILICON CARBIDE (β-SiC) FOR COMBUSTION OF SOOT DERIVED FROM EXHAUST GASES FROM AN INTERNAL COMBUSTION ENGINE, set forth in a Patent application for Letters Patent of the United States, already filed on October 14, 2004 as U.S. application No. 10/963,604; and

WHEREAS, SICAT; Centre National de la Recherche Scientifique; and Universite Louis Pasteur de Strasbourg, organized under and pursuant to the laws of France, having their principal places of business at 14, avenue Hoche, 75008 Paris, FRANCE; 3, rue Michel-Ange, principal places of business at 14, avenue Hoche, 75008 Paris, FRANCE; 3, rue Michel-Ange, 75794 Paris Cedex 16, FRANCE; and 4, rue Blaise Pascal, 67000 Strasbourg, FRANCE, respectively (hereinafter referred to as Assignees), are desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which

PATENT REEL: 016020 FRAME: 0965 may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignees, their successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignees, their successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and

PATENT REEL: 016020 FRAME: 0966 the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals 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:

## CONNOLLY BOVE LODGE & HUTZ LLP

All practitioners at Customer Number 30678

AND Assignors acknowledge an obligation of assignment of this invention to Assignees at the time the invention was made.

Date

Date

Charlotte Phain

Charlotte Phain

Witness:

January 25th 2005

Name Christophe Viewice

Pagant

Date

Date

Laurie Pesant

Witness:

Date

Name Maxime Lacroin

Date 24th 2005	Pierre Bernhardt
Witness: January 24th 2005	Now 2 1 2 2 2 1 2 2 2 1 2 2 2 2 2 2 2 2 2
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Witness: JANUARY 24 2005  Date	Name VLADIMIR SVRTER
Date Date	Cuong Pham-Huu
Witness:  James 24th 2005  Date	Name Patrick Nguyen

Date 24 the 2005	Marc-Jacques Ledoux
Vitness:  Danuary 24th 2005  Date	Name Morby P. Schmist
Date Same 25th 2005	Michel Kartheuser
Witness:	Name Christophe VIEVICLE
January 24th 2005 Date	Estelle Vanhaecke
Witness: 24 1 2005	

**PATENT REEL: 016020 FRAME: 0969** 

Date