		-	<i>F</i>	Attorney Docl	ket No.	. 052	5-1018
Form P1	^{ro-1595} , / 09-30-200	3	SHEET	10/45	palmen Palent no	ef Conn Tage har	e koffice
	4/29/03		DTO8 Reg'r	1 PCT/PTO	29	APR	2003
То	the Honorable Commissioner 102562725	5	e attached orig	inal document	s or cor	oy ther	eof.
1.	Name of Conveying Party(ies): Sebastien BARDON Craig WILLKENS	2. Name Name:		of receiving particles BAIN CENTR IES ET D'ET	E DE		
	Orang WILLIAM	Address:	EUROPEEN "Les Miroirs	İ	ODES		
Addit	ional name(s) of conveying party(ies) attached? es ⊠ No		18 avenue o Courbevoie France 92400	d'Alsace			
3.	Nature of Conveyance:		me(s) and addre	ss(es) attache	id?		1
	☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other:	☐ Yes	⊠ No				
	Execution Date: March 20, 2003 and April 3, 2003, respectively						
4.	Application number(s) or patent number(s):	,0/4	15409				
	document is being filed with a new application, the exe	4 /	,	n is: <u>March 2</u>	<u>20, 200</u>)3 and	1
	A. Patent Application No(s).	В.	Patent No(s)	1.			ļ
02/2 / 05	ELANDBRA 00000090 10415409						1
ro /loe:	40.00 OF		4110 [7.	. 1 -		
	Addit	lional number	s attached?	∫Yes ⊠ N	40		
5	Name and address of party to whom correspondence concerning document should be mailed:	6. Total involve	number of appl ed: 1	ications and	patent	s	
	Customer No.: <u>00466</u>	7. Total f	ee (37 CFR 3.	41)	\$ <u>40.00</u>	 <u>)</u>	
	YOUNG & THOMPSON	⊠ E	nclosed				
	Second Floor	□ A	uthorized to be	e charged to	deposi	t accc	unt
	745 South 23 rd Street	8. Depos	it Account No.	<u>25-0120</u>			Ì
	Arlington, VA 22202		n duplicate cop it account)	y of this pag	e if pay	ying b	у
	Phone: 703-521-2297	·	 _				
	DO NOT USE	THIS SPACE					
9.	Statement and signature.						
	To the best of my knowledge and belief, the foregoing is a true copy of the original document.	g information i	is true and corr	ect and any a	attache	∍d cop	y
_	Yolanda Reynolds Willam	da Da	polds	April 29, 20	003		
	Name of Person Signing Signature		<i>'</i>	Date			
	Total number of pages including cover	r sheet, attach	nments, and do	ocuments: 2			l

Y&T April 29, 2003

Title: "PARTICULATE FILTER FOR PURIFYING EXHAUST GASES OF INTERNAL CONBUSTION ENGINES COMPRISING HOT SPOT CERAMIQUE IGNITORS".

JOINT

ASSIGNMENT

	WHEREAS, we, 1. Sébastien BARDON 2. Craig WILLKENS
	, a citizen of FRANCE
	residing at Chemin des Cadenières - 84460 CHEVAL BLANC - FRANC a citizen of U.S.A residing at ZE Park Road - STERLING, MA 015
	U.S.A. , and a citizen ofresiding
	at respectively
	have made a certain new and useful invention as set forth in an application for United States Letters Patent executed by us the, 19, 19, filed on
	under Serial No, the hereinafter named assignee being hereby authorized
	to insert the said serial number and filing date when ascertained;
	AND WHEREAS SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN
	a corporation of FRANCE and having a place of business at "Les Miroirs" - 18 avenue d'Alsace - 92400 COURBEVOIE - FRANCE , is desirous
	at <u>"Les Miroirs" - 18 avenue d'Alsace - 92400 COURBEVOIE - FRANCE</u> , is desirous
	of acquiring the entire right, title, and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;
	NOW, THEREFORE, for good and valuable consideration, we do hereby sell, assign, transfer, and set over unto
	, its legal representatives,
•	successors, and assigns, the entire right, title, and interest in and to said invention as set forth in the above-mentioned application, and in and to any and all patents of the United States and foreign countries which may be issued for said invention; UPON SAID CONSIDERATION, we do hereby agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional appriate that the said assignee that we will, at
ê	any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said
r C ii p	assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal expresentatives of assignor and assignee;
r C ii p for	render all necessary assistance in making application for and obtaining original, divisional, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the coregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal expresentatives of assignor and assignee; AND WE request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said
ar cin pfor	render all necessary assistance in making application for and obtaining original, divisional, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the coregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal expresentatives of assignor and assignee; AND WE request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said
r c ii p fi r	render all necessary assistance in making application for and obtaining original, divisional, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the coregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal expresentatives of assignor and assignee; AND WE request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said.
ar cirepfor ti	assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of assignor and assignee; AND WE request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said
r c ii p fi r ti _ o	assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of assignor and assignee; AND WE request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said
r c ii F p fo ro	assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued, for extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal expresentatives of assignor and assignee; AND WE request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said
ar cirepfor ti	assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of assignor and assignee; AND WE request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said

RECORDED: 04/29/2003

PATENT REEL: 014527 FRAME: 0369