FORM PTO-1595 (modified)	03-12-	2004	U.S	. DEPARTMENT (	OF COMMERCE
(Rev 6-93)			HEET	Patent	and Trademark Office
To the Director of the United States Patent and	102692 Trademark Unice:	2012 Please 100011	ached original do	ocuments or cop	ies thereof.
1. Name of conveying party(ies):  Makoto OTAKE (02/16/04) Junichi KAWASHIMA (02/17/04) Takao INOUE (02/16/04) Terunori KONDOU (02/16/04) Toshimasa KOGA (02/16/04) Naoya TSUTSUMOTO (02/16/04)  Additional conveying party(ies)	3.2.04	2, Takara-ch	ress of receivin TOR CO., LT no, Kanagaw shi, Kanagav	TD. ra-ku	2387 U.S. PTO 10/790119
Nature of conveyance:					7
ASSIGNMENT Execution Date:		Additional name(s)	) & address(es	) attached?	NO
See above 4. Application number(s) or patent number(s	)):	90119	, a audicooleo	, allacrieu :	110
If this is being filed together with a new ap  A. Patent Application Number(s):	Additional numbe	B. Patent	Number(s):	February 16, February 17,	
5. Name and address of party to whom corre		6. Total number o	of applications/r	natents involve	d: <b>1</b>
concerning document should be mailed:  Richard L. Schwaab FOLEY & LARDNER LLP Washington Harbour 3000 K Street, N.W., Suite 500		7. Total fee (37 C  X Check Enclo  Charge to de	.F.R. § 3.41): esed eposit account	\$40 19-0741	
Washington, D.C. 20007-5143		8. Deposit accour	it number.	19-0741	<del></del>
9. Statement and signature:  To the best of my knowledge and be copy of the original document. The Commission be required in this matter to the above-identitic	elief, the foregoing sioner is hereby a	uthorized to charge	and correct and any additional	d any attached recordation fee	copy is a true es which may
Richard L. Schwaab	Mid	hwarl		_ March	2, 2004
Name of person signing	, , ,	Signature			Date
То	otal number of pag	es including cover s	sheet, attachme	ents, and docu	ment: 4
3/04/2004 WABRHAM1 00000055 10790119 2 FC:8021 40.00 D					

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PATENT REEL: 015054 FRAME: 0329

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and

NISSAN MOTOR CO., LTD.

address of

2, Takara-cho, Kanagawa-ku, Yokohama-shi.

assignee

Kanagawa, JAPAN

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

ritile of REGENERATION OF PARTICULATE FILTER invention

as set forth in this United States Patent Application

check one	executed co	ncurrently herewith		
	executed on			
	Serial No.		Filed	·

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith:

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any egal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including livisions and continuations thereof and to any and all Letters Patent which may be granted therefor or hereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention:

PATENT REEL: 015054 FRAME: 0330 Each of the undersigned hereby grants the firm of FOLEY & LARDNER the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS						
Name: Makoto OTAKE	Signature: Mahoto Olahe	Date: 4/6/2004				
Name: Junichi KAWASHIMA	Signature: Junishi Kausshim	Date: 2/17/2008				
Name: Takao INOUE	Signature: Takao Unaug	Date: 2/16/2007				
Name: Terunori KONDOU	Signature: Lewnoni Kondon	Date: 2/16/2004				
Name: Toshimasa KOGA	Signature: Toshimason Koga	Date: 2/16/2009				
NAMES AND SIGNATURES OF WITNESSES						
Name:	Signature:	Date:				
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NAMES AND SIGNATURES OF INVENTORS					
Name: Naoya TSUTSUMOTO	Signature: Navya Tsutsumoto Date: 2/16/2004				
Name:	Signature:	Date:			
Name:	Signature:	Date:			
Name:	Signature:	Date:			
Name:	Signature:	Date:			
NAMES AND SIGNATURES OF WITNESSES					
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