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MODIFIED Form PTO-1595 R: (Rev. 10/02)	ECORDATION FORM PATENTS	1 18818)	NT OF COMMERCE and Trademark Office
To the Director of the U.S. Patent a		103271131	hereof.
1. Name of conveying party(ies):		ne and address of receiving party(ies):	py thereor.
Takashi NAKAMURA		Jidosha Kabushiki Kaisha	⊬∞ ==
Kazunori KATO		ota-cho, Toyota-shi	υ.Ο ΕΕ
	· -	ken	;;∞ = 5
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No		71 JAPAN	955
3. Nature of conveyance:			5-
☑ Assignment ☐ Merger			-
☐ Security Agreement ☐ Change of N	lame		
☐ Other			
LI Other			
Execution Date: June 13, 2006	Additio	nal name(s) & address(es) attached? Yes	☑ No
4. Application number(s) or patent number	r(s):		
If this document is being filed together v	with a new application, the	execution date of the application is: Jun	e 13, 2006 and June
A. Patent Application No.(s)	B. P.	atent No.(s)	
A.4	l ditional numbers attached?	☐ Yes ☑ No	
5. Name and address of party to whom cor		al number of applications and patents inv	volved:
concerning document should be mailed:			oivea.
SUGHRUE MION, PLLC		7. Total fee (37 CFR 3.41): \$40.00	
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To the best of my knowledge and belief, original deciment.	the foregoing information i	is true and correct and any attached cop	y is a true copy of the
Valetin Pa. 1000		July 3, 2006	
William H. Mandir	Reg. No. 32,156	Date	
		eet, attachments, and documents: 2	
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	Alexandria, VA 22		

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PATENT REEL: 018065 FRAME: 0557

Assignment

Whereas, I/We, <u>Takashi NAKAMURA and Kazunori KATO</u> of hereinafter called assignor(s), have invented certain improvements in <u>ABNORMALITY DETECTING APPARATUS AND ABNORMALITY DETECTING METHOD FOR AN</u>
AIR/FUEL RATIO SENSOR
and executed an application for Letters Patent of the United States of America therefor on ; and
Whereas, <u>TOYOTA JIDOSHA KABUSHIKI KAISHA (assignee)</u> , desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number and Confirmation number) the application
number and filing date of said application when known
Date: June 13, 2006 Jakashi Nakamura.
Date: June 13, 2006 S/ Takashi NAKAMURA Date: June 13, 2006 S/ Kazunori KATO
Date:
s/
Date:
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

RECORDED: 07/03/2006

PATENT REEL: 018065 FRAME: 0558