Form PTO-1595 **RECORDATION FO** (Rev. 06/04)

09-11-2007



U.S. Department of Commerce Patents & Trademark Office

Attorney Docket No. 108419-00107

Date: August 31, 2007

103443/99				
	flice: Please record the attached documents or the new address(es) below.			
Name of conveying party(ies)/Execution Date(s):	Name and address of receiving party(ies):			
1. Masaki TSUDA 2. Atsushi IZUMIURA 3. Eisaku GOSYO 4. Hirofumi HARA Execution Date(s): 1. August 28, 2007 2. August 28, 2007 3. August 28, 2007 4. August 28, 2007 Additional name(s) of conveying party(ies) attached? Yes 3. Nature of conveyance:	Name: HONDA MOTOR CO., LTD. Address: 1-1, Minami-Aoyama 2-chome Minato-ku, Tokyo, Japan			
	Additional name(s) & address(es) attached? ☐ Yes ☑ No			
Application number(s) or patent number(s):	☑ This document is being filed together with a new application.			
A. Patent Application No.(s) NEW APPLICATION	B. Patent No.(s)			
Additional	numbers attached? Yes No			
Name and address of party to whom correspondence c document should be mailed:	oncerning 6. Total number of applications and patents involved: One			
Name: Arent Fox LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Street Address: 1050 Connecticut Avenue, N.W., Suite Washington, D.C. 20036-5339 Tel. No.: 202-857-6000 Fax No.: 202-638-4810	Included in attached check. Authorized to be charged by credit card. Authorized to be charged to Deposit Account. Any additional fees are authorized to be charged to deposit account.			
Email Address: dcipdocket@arentfox.com	8. Payment Information a. Credit Card Last 4 Numbers: Expiration Date: b. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account) Authorized User Name:			
DO NOT USE THIS SPACE 09/04/2007 HBELETE1 00000032 11896341 01 FC: 8021				
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.				
Charles M. Marmelstein	August 31, 2007			
Name of Person Signing Reg. No. 25,895	Signature Date			
	tal number of pages including cover sheet, attachments, and document: 2			

PATENT REEL: 019824 FRAME: 0555

Docket No:

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventors (hereinafter ASSIGNOR) by:

HONDA MOTOR CO., LTD., a corporation of Japan whose address is 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

ABNORMALITY DETERMINATION APPARATUS AND METHOD FOR BLOW-BY GAS FEEDBACK DEVICE, AND ENGINE CONTROL UNIT

for which application for Letters Patent of the United States v	was filed on, and assign	ned
Serial No (Arent Fox PLLC is	s hereby authorized to insert the series co	de.
serial number and/or filing date hereon, when known) and	all Letters Patent of the United States to	be
obtained therefor on said application or any continuation,	, divisional, renewal, substitute, reissue	or
reexamination thereof for the full term or terms for which th	ie same may be granted.	

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventors have affixed their signatures.

Masaki TSUDA	Masaki Jawaa (SIGNATURE)	August 28, 2007
	(SIGNATURE)	(DATE)
Atsushi IZUMIURA	Atsuhi Gunura (SIGNATURE)	August 28, 2007 (DATE)
Eisaku GOSYO	Elsaku Stolge (SIGNATURE)	August 28, 2007
	(SIGNATURE)	(DATE)
Hirofumi HARA	Hirofuni Hara (SIGNATURE)	August 28, 2007
	(SIGNATURE)	(DATE)
	(SIGNATURE)	(DATE)
	(SIGNATURE)	(DATE)
	(SIGNATURE)	(DATE)
	(SIGNATURE)	(DATE)

NO LEGALIZATION REQUIRED

PATENT REEL: 019824 FRAME: 0556

RECORDED: 08/31/2007