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Attorney Docket No. 123085

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1. A. Name of conveying parties:  
Nobuki KOBAYASHI  
Shizuo SASAKI  
Taro AOYAMA  
Kouji YOSHIKAZAKI  
Hiroki MURATA  
Yoshiki HASHIMOTO  
Kazuhisa INAGAKI  
Kiyomi NAKAKITA  
Shoji NAKAHARA  
Yoshihiro HOTTA

B. Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. A. Name and address of receiving party:  
TOYOTA JIDOSHA KABUSHIKI KAISHA  
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B. Additional name(s) &amp; address(es) attached?

☐ Yes ☒ No

3. A. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

B. Execution Date: 1 - March 15, 2005; 2 - April 5,  
2005; 3 - March 17, 2005; 4 & 5 - March 18,  
2005; 6 - March 25, 2005; 7-9 - April 26,  
2005; 10 - April 27, 2005

4. A. Patent Application No. 10/527,232

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ NoC. Title of Application: CONTROL SYSTEM FOR INTERNAL COMBUSTION ENGINE

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: James A. Oliff

Address: **OLIFF & BERRIDGE, PLC**  
**P.O. Box 19928**  
**Alexandria, VA 22320**  
**Phone Number: 703-836-6400**  
**Fax Number: 703-836-2787**

6. Total number of applications and patents involved: 17. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

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.*

James A. Oliff Registration No. 27,075  
Philip A. Caramanica, Jr. Registration No. 51,528

Date: June 15, 2005

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**PATENT**  
REEL: 016339 FRAME: 0309

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## U.S. ASSIGNMENT

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

(Insert  
ASSIGNEE's  
Name(s)  
Address(es))

TOYOTA JIDOSHA KABUSHIKI KAISHA

1, Toyota-cho, Toyota-shi, Aichi 471-8571, 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

(Title of  
Invention)

CONTROL SYSTEM FOR INTERNAL COMBUSTION ENGINE

relating to International Patent Application PCT/JP 03 / 11452 and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date  
of execution  
of application,  
if not  
concurrent)

(a) executed on \_\_\_\_\_;  
March 9, 2005  
(b) filed on \_\_\_\_\_;  
Serial No. \_\_\_\_\_/\_\_\_\_\_;

Oliff & Berridge, PLC,  
Virginia, U.S.A.  
) is hereby authorized to insert in (b) the specified  
data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) Nobuki Kobayashi  
(SIGNATURE)Nobuki Kobayashi  
(TYPE NAME)March 15, 2005  
(DATE)2) Shizuo Sasaki  
(SIGNATURE)Shizuo Sasaki  
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(DATE)3) Taro Aoyama  
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(to be continued on page 2)

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8)	<u>Kiyomi Nakakita</u> (SIGNATURE)	<u>Kiyomi Nakakita</u> (TYPE NAME)	<u>April 26, 2005</u> (DATE)
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