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Attorney Docket No. 122233

Please record the attached original document or copy thereof.

1. A. Name of conveying parties:  
1) Masaharu ICHISE  
2) Toshimi KASHIWAGURA  
3) Shinichiro NOGAWA  
4) Takashi HASHIMA

B. Additional name(s) of conveying party(ies) attached?  
☐ Yes ☒ No

2. A. Name and address of receiving party:  
TOYOTA JIDOSHA KABUSHIKI KAISHA  
1, TOYOTA-CHO  
TOYOTA-SHI, AICHI-KEN 471-8571  
JAPAN

B. Additional name(s) & address(es) attached?  
☐ Yes ☒ No

3. A. Nature of conveyance:

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

B. Execution Date: 1) December 22, 2004 and 2) - 4)  
December 23, 2004

4. ☒ This document is being filed together with a new application.

A. Patent Application No.(s) \_\_\_\_\_

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

Additional numbers attached? ☐ Yes ☒ No

C. Title of Application: FUEL INJECTION CONTROL DEVICE 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

6. Total number of applications and patents involved: 1

7. A. Total fee (37 CFR 3.41).....\$ 40.00

B. Enclosed (Check No. 162213)

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.*

Date: January 3, 2005

James A. Oliff Registration No. 27,075  
Eric D. Morehouse Registration No. 38,565

Total number of pages including cover sheet, attachments, and document: 2

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PATENT  
REEL: 016177 FRAME: 0240

# ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                              |                                |
|------------------------------|--------------------------------|
| (1) <u>Masaharu ICHISE</u>   | (2) <u>Toshimi KASHIWAGURA</u> |
| (3) <u>Shinichiro NOGAWA</u> | (4) <u>Takashi HASHIMA</u>     |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

## TOYOTA JIDOSHA KABUSHIKI KAISHA

1, Toyota-cho, Toyota-shi

Aichi-ken, 471-8571

JAPAN

its successors and assigns ( hereinafter designated "ASSIGNEE" ) the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

## FUEL INJECTION CONTROL DEVICE FOR INTERNAL COMBUSTION ENGINE

for which an application for United States Letters Patent was executed on even date herewith,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the international Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

### INVENTORS

### DATE SIGNED

- 1) Masaharu Ichise  
Name: Masaharu ICHISE
- 2) Toshimi Kashiwagura  
Name: Toshimi KASHIWAGURA
- 3) Shinichiro Nogawa  
Name: Shinichiro NOGAWA
- 4) Takashi Hashima  
Name: Takashi HASHIMA

December 22, 2004

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