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Please record the attached original document or copy thereof.

1. A. Name of conveying party:

Toshiya NAKAJIMA

B. Additional names of conveying parties 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 names &amp; addresses attached?

☐ Yes ☒ No

3. A. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_B. Execution Date: February 9, 20094. ☒ This document is being filed together with a new application.

A. Patent Application No. \_\_\_\_\_

B. Patent No. \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ NoC. Title of Application: FUEL PROPERTY DETECTOR 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 320850**  
**Alexandria, VA 22320-4850**

6. Total number of applications and patents involved: 17. A. Total fee (37 CFR 3.41).....\$ 40.00B. Enclosed (Check No. 217354)

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 I am a duly qualified agent of the original document.

James A. Oliff Registration No. 27,075

Stephen P. Catlin Registration No. 36,101

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Date: April 17, 2009

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ASSIGNMENT

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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,

Toshiya NAKAJIMA

who has made a certain new and useful invention, hereby sells, assigns and transfers 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 Property Detector for Internal Combustion Engine

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

and the undersigned hereby authorizes and requests 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 agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees 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 date indicated aside my signature:

INVENTOR

Toshiya Nakajima

Name: Toshiya NAKAJIMA

DATE SIGNED

February 9, 2009