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1. A. Name of conveying party:

Takanori SASAKI

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

3. A. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

B. Execution Date: June 26, 2009

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

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

A. Patent Application No. _____ B. Patent No.(s) _____

Additional numbers attached? Yes No

C. Title of Application: GAS CONCENTRATION DETECTION APPARATUS

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: 1

7. A. Total fee (37 CFR 3.41).....\$ 40.00
B. Enclosed (Check No. 224192)

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.

Randi B. Isaacs
James A. Oliff, Registration No. 27,075
Randi B. Isaacs, Registration No. 56,046

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Date: November 23, 2009

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

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,

Takanori SASAKI

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

Gas Concentration Detection Apparatus

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

DATE SIGNED

Takanori Sasaki

June 26, 2009

Name: Takanori SASAKI