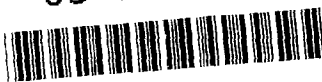


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| <p>1. A. Name of conveying parties:<br/>1) Shuichi EZAKI<br/>2) Toshiaki ASADA<br/>3) Manabu TATENO</p> <p>B. Additional name(s) of conveying party(ies) attached?<br/><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>2. A. Name and address of receiving party:<br/>TOYOTA JIDOSHA KABUSHIKI KAISHA<br/>1, TOYOTA-CHO<br/>TOYOTA-SHI, AICHI-KEN 471-8571<br/>JAPAN</p> |
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| <p>3. A. Nature of conveyance:<br/><br/><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger<br/><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name<br/><input type="checkbox"/> Other _____</p> <p>B. Execution Date: <u>1) and 3) February 7, 2005 and 2) February 9, 2005</u></p> | <p>B. Additional name(s) &amp; address(es) attached?<br/><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |
|---|--|

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

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

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

Additional numbers attached? ☐ Yes ☒ NoC. Title of Application: VARIABLE VALVE SYSTEM

- |  |   |
|--|---|
| <p>5. Name and address of party to whom correspondence concerning document should be mailed:<br/><br/>Name: <u>James A. Oliff</u></p> <p>Address: <u>OLIFF &amp; BERRIDGE, PLC</u><br/><u>P.O. Box 19928</u><br/><u>Alexandria, VA 22320</u></p> | <p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. A. Total fee (37 CFR 3.41).....\$ <u>40.00</u><br/>B. Enclosed (Check No. <u>163793</u>)</p> <p>8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.</p> |
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## 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  
Joel S. Armstrong Registration No. 36,430

Date: February 18, 2005Total number of pages including cover sheet, attachments, and document: 2

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PATENT  
REEL: 016318 FRAME: 0603

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) Shuichi EZAKI  
(3) Manabu TATENO

(2) Toshiaki ASADA

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

VARIABLE VALVE SYSTEM

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) Shuichi Ezaki  
Name: Shuichi EZAKI

February 7, 2005

2) Toshiaki Asada  
Name: Toshiaki ASADA

February 9, 2005

3) Manabu Tateno  
Name: Manabu TATENO

February 7, 2005