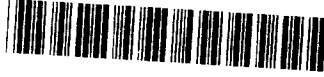


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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):
Daisuke KITADA (11/18/2005), Toshinobu NATORI (11/18/2005), Kunio HATADA (11/21/2005), Haruaki YONEDA (11/21/2005), and
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Mitsubishi Jidosha Kogyo Kabushiki Kaisha
Internal Address: _____
Street Address: _____

3. Nature of conveyance/Execution Date(s):
Execution Date(s): in parentheses after inventor name
 Assignment Merger Change of Name
 Security Agreement Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

16-4, Konan 2-chome, Minato-ku
Tokyo
JAPAN
City: _____
State: _____
Country: _____ Zip: _____
Additional name(s) & address(es) attached: Yes No

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
This application
B. Patent No.(s)
Additional numbers attached? Yes No

6. Total number of applications and patents involved: 1

5. Name and address to whom correspondence concerning document should be mailed:
Name: Charles Gorenstein
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State: VA Zip: 22040-0747
Phone Number: (703) 205-8000
Fax Number: (703) 205-8050
Email Address: mailroom@bskb.com

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
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 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers _____
Expiration Date _____
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9. Signature:
Charles Gorenstein #19382
Signature _____ Date December 12, 2005
Name of Person Signing Charles Gorenstein - 29,271
Total number of pages including cover sheet, attachments, and documents: 4

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(continued)

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Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Kenzo KUBO (11/21/2005)

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Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:

Additional Patent Numbers
4B. Continued:

Additional numbers attached? Yes No

BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS

ATTORNEY DOCKET NO.
1131-0549PUS1

ASSIGNMENT

Application No. _____

Filed 12/12/2005

Insert Name(s) of Inventor(s)

WHEREAS, Daisuke KITADA, Toshinobu NATORI,
Kunio HATADA, Haruaki YONEDA and Kenzo KUBO

Insert Title of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in
COMBUSTION CHAMBER STRUCTURE OF AN INTERNAL COMBUSTION ENGINE

Insert Date of Signing of Application

on 1st and 2nd inventors: November 18, 2005
3rd to 5th inventors: November 21, 2005; and

Insert Name of Assignee

WHEREAS, (1) Mitsubishi Jidosha Kogyo Kabushiki Kaisha,
(2) Mitsubishi Jidosha Engineering Kabushiki Kaisha

Insert Address of Assignee

of (1) 16-4, Konan 2-chome, Minato-ku, Tokyo, Japan
(2) 1, Aza Nakashinkiri, Hashime-cho, Okazaki-shi, Aichi, Japan

CHECK BOX IF APPROPRIATE

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
 in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 11/18/2005, Daisuke KITADA D. Kitada
Name of Inventor
(signature)

Date 11/18/2005, Toshinobu NATORI T. Natori
Name of Inventor
(signature)

Date 11/21/2005, Kunio HATADA K. Hatada
Name of Inventor
(signature)

Date 11/21/2005, Haruaki YONEDA H. Yoneda
Name of Inventor
(signature)

Date 11/21/2005, Kenzo KUBO K. Kubo
Name of Inventor
(signature)

Date _____, _____
Name of Inventor
(signature)