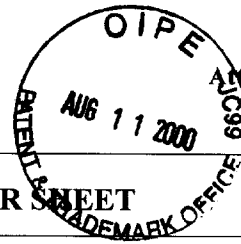


09-18-2000



101459144

RECORDATION FORM COVER SHEET



8-11-00

Pat. Docket No.: 1472-201P
Page 1 of 1

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): YAMAMOTO, Shigeo; NAKANE, Kazuyoshi; MIYAMOTO, Hiroaki; TANAKA, Dai; TAKEMURA, Jun; ANDO, Hiromitsu Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA Internal Address: Street Address: 3-8, Shiba 5-chome, Minato-ku City: Tokyo State: ZIP: Country: Japan Postal Code: 108-8410 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: March 15, 2000	

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is: **March 15, 2000**

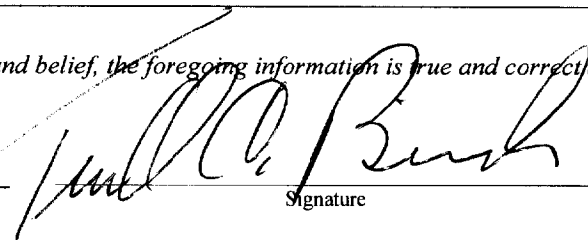
A. Patent Application No(s). <u>09/506,337</u>	B. Patent No.(s). Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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5. Name and address of party to whom correspondence concerning document should be mailed: Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 City: FALLS CHURCH State: VA ZIP: 22040-0747 Country: USA	6. Total No. of applications/patents involved: one (1) 7. Total fee (37 C.F.R. § 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, if no fee attached. 8. Deposit account number: <u>02-2448</u> (Attach triplicate copy of this page if paying by deposit account)
---	---

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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.

<u>Terrell C. Birch, #19,382</u> Name of Person Signing/Reg. No.	 Signature	<u>August 11, 2000</u> Date
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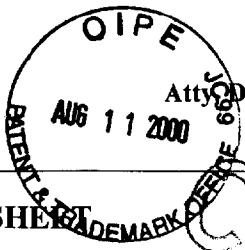
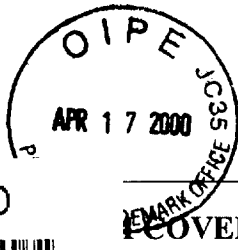
Total number of pages including cover sheet, attachments, and document: **three (3)**

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09/15/2000 MTHAI1 00000309 09506337
 01 FC:581 40.00

TCB:MH/pjh
 (Rev. 01/08/2000)

PATENT
 REEL: 011060 FRAME: 0672



DB

4.17.00

05-04-2000



101345506

COVER SHEET TRADEMARK OFFICE
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f Patents and Trademarks:
documents or copy thereof.

1. Name of conveying party(ies): YAMAMOTO, Shigeo; NAKANE, Kazuyoshi; MIYAMOTO, Hiroaki; TANAKA, Dai; TAKEMURA, Jun; ANDO, Hiromitsu Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA Internal Address: Street Address: 3-8, Shiba 5-chome, Minato-ku City: Tokyo State: ZIP: Country: Japan Postal Code: 108-8410 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: March 15, 2000	

4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is: **March 15, 2000**

A. Patent Application No(s). 09/506,337	B. Patent No.(s). Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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5. Name and address of party to whom correspondence concerning document should be mailed: Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP Street Address: P.O. BOX 747 City: FALLS CHURCH State: VA ZIP: 22040-0747 Country: USA	6. Total No. of applications/patents involved: one (1) 7. Total fee (37 C.F.R. § 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account, if no fee attached. 8. Deposit account number: 02-2448 (Attach triplicate copy of this page if paying by deposit account)
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05/04/2000 DCORTES 00000203 09506337
01 FC:581 **40.00 OP**

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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.

Terrell C. Birch, #19,382 Name of Person Signing/Reg. No.	 Signature	April 17, 2000 Date
--	---------------	------------------------

Total number of pages including cover sheet, attachments, and document: **three (3)**

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 Washington, DC 20231

TCB:MH/pjh
(Rev. 01/08/2000)

BIRCH, STEWART, KOLASCH & BIRCH, LLPUNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS**ASSIGNMENT**Application No. 09/506,337Filed February 18, 2000**Insert Name(s)
of Inventor(s)**WHEREAS, Shigeo YAMAMOTOKazuyoshi NAKANEHiroaki MIYAMOTODai TANAKAJun TAKEMURAHiromitsu ANDO

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

**Insert Title
of Invention**IN-CYLINDER INJECTION TYPE INTERNAL COMBUSTION ENGINE

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

**Insert Date
of Signing of
Application**on March 15, 2000; and**Insert Name
of Assignee**WHEREAS, MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA**Insert Address
of Assignee**of 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-8410, Japan

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 foreign countries.**CHECK BOX
IF APPROPRIATE**

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 3/15/2000

Name of Inventor Shigeo Yamamoto
(signature) Shigeo YAMAMOTO

Date 3/15/2000

Name of Inventor Kazuyoshi Nakane
~~Kazuyoshi Nakane~~
(signature) Kazuyoshi NAKANE

Date 3/15/2000

Name of Inventor Hiroaki Miyamoto
(signature) Hiroaki MIYAMOTO

Date 3/15/2000

Name of Inventor Dai Tanaka
(signature) Dai TANAKA

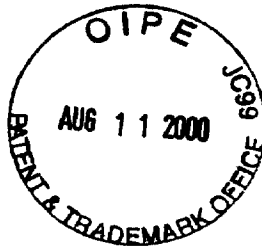
Date 3/15/2000

Name of Inventor ~~Takemura~~ Jun Takemura
(signature) Jun TAKEMURA

Date 3/15/2000

Name of Inventor Hiromitsu Ando
(signature) Hiromitsu ANDO

October 1998



BOX ASSIGNMENTS
PATENT
1472-201P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: S. YAMAMOTO et al.

Appl. No.: 09/506,337 Group: UNKNOWN

Filed: February 18, 2000 Examiner: UNKNOWN

For: IN-CYLINDER INJECTION TYPE INTERNAL
COMBUSTION ENGINE

LETTER

BOX ASSIGNMENTS

August 11, 2000

Assistant Commissioner for Patents
and Trademarks
Washington, DC 20231

Sir:

Corrections are being made to the originally filed Recording of Assignment cover sheet, pursuant to 37 C.F.R. §3.34, and/or to the Assignment, with respect to the above-identified application. The corrections to the originally filed Recording of Assignment cover sheet and the Assignment are indicated as deleted by "=====", a line of equal signs, and as added by "_____", underlining, with each correction being annotated with hand-written initials of the undersigned.

PATENT
REEL: 011060 FRAME: 0676

A review of the Assignment and the Notice of Recordation reflects that a typographical error occurred in the typing of the **name of the Assignee**. The Recording of Assignment Cover Sheet ~~is~~ now corrected to properly reflect the **name of the Assignee**.

A new Recording of Assignment cover sheet is attached as well, for which a check in the amount of **\$40.00** is attached.

Thus, it is respectfully submitted that the error with respect to the **name of the Assignee** be corrected in order to reflect the accurate information. Further, it is respectfully requested that a new Notice of Recordation be issued reflecting the above-noted changes.

With the corrections being underlined, please insure that the Corrected Notice of Recordation reads:

ASSIGNEE:

MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA
3-8, SHIBA 5-CHOME, MINATO-KU
TOKYO, JAPAN 108-8410

Please provide a Corrected Notice incorporating the above correction.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By 

Terrell C. Birch, #19,382

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

TCB:MH/pjh
1472-201P

ATTACHMENTS: New Recordation Cover Sheet
Copy of Notice of Recordation
Copy of previous Recordation Cover Sheet
Copy of Assignment
Check in the amount of \$40.00

(Rev. 04/19/2000)



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
 ASSISTANT SECRETARY AND COMMISSIONER
 OF PATENTS AND TRADEMARKS
 Washington, D.C. 20231

JUL 30, 2000

PTAS
 BIRCH, STEWART, KOLASCH & BIRCH, LLP
 TERRELL C. BIRCH
 P.O. BOX 747
 FALLS CHURCH, VA 22040-0747



101345506A

COPY

UNITED STATES PATENT AND TRADEMARK OFFICE
 NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/17/2000

REEL/FRAME: 010746/0090
 NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
 YAMAMOTO, SHIGEO

DOC DATE: 03/15/2000

ASSIGNOR:
 NAKANE, KAZUYOSHI

DOC DATE: 03/15/2000

ASSIGNOR:
 MIYAMOTO, HIROAKI

DOC DATE: 03/15/2000

ASSIGNOR:
 TANAKA, DAI

DOC DATE: 03/15/2000

ASSIGNOR:
 TAKEMURA, JUN

DOC DATE: 03/15/2000

ASSIGNOR:
 HIROMITSU, ANDO

DOC DATE: 03/15/2000

ASSIGNEE:

KABUSHIKI

MITSUBISHI JIDOSHA KOGYO ~~KABUSHIK~~
KAISHA
3-8, SHIBA 5-CHOME, MINATO-KU
TOKYO, JAPAN 108-8410

SERIAL NUMBER: 09506337
PATENT NUMBER:

FILING DATE: 02/18/2000
ISSUE DATE:

MARY BENTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS