

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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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)/Execution Date(s):
Katsumi HAYASHI (10/25/2004), Shigeru INAI
(10/25/2004), Hideo KATO (10/25/2004), Ryo
JIMBA (10/25/2004),

Execution Date(s): in parentheses after inventor name

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License

Other Corrected Assignment Recordation
Cover Sheet to correct the spelling of
inventor's name: Ryo Jimba

2. Name and address of receiving party(ies)

Name: Honda Motor Co., Ltd.

Internal Address: _____

Street Address: _____

1-1, Minami-Aoyama 2-chome
Minato-ku
Tokyo
107-8556
JAPAN

City: _____

State: _____

Country: _____ Zip: _____

Additional name(s) & address(es)
attached: Yes No

4. Application or patent number(s):

A. Patent Application No. (s)

10/887709

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Anthony A. Laurentano
LAHIVE & COCKFIELD, LLP

Internal Address: Atty. Dkt.: TOW-078

Street Address: 28 State Street

City: Boston

State: MA Zip: 02109

Phone Number: (617) 227-7400

Fax Number: (617) 742-4214

Email Address: Aal@lahive.com

6. Total number of applications and patents involved:

1

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
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 12-0080

Authorized User Name Anthony A. Laurentano

9. Signature:


Signature

December 16, 2004

Date

Anthony A. Laurentano - 38.220

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 6

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 306-5995 at MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P O Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated December 16, 2004

Signature:  (Anthony A. Laurentano)

CH \$40.00 120080 10887709

Form PTO-1595 **RECORDATION FORM COVER SHEET (continued)**

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):
Masahiro MOHRI (10/25/2004), Hiroshi MORIKAWA (10/25/2004), and Hiromichi YOSHIDA (10/25/2004)

Additional Assignees (2. Continued):
Assignee Name _____
Internal Address: _____
Street Address: _____
City: _____ State: _____ Country: _____ Zip: _____

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

11/15/2004
700131330

Form PTO-7585 (Rev. 09/04)
Circle no. 3857-0227 (S-P 8/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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 (10/25/2004), Hideo KATO (10/25/2004), Ryo
 JINBA (10/25/2004).

Execution Date(s) in parentheses after inventor name

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Country: _____ Zip: _____

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Government Interest Assignment

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Other _____

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Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting fee)

8. Payment information

a. Credit Card Last # Numbers _____
 Expiration Date _____

b. Deposit Account Number 12-0080
 Authorized user name Anthony A. Laurentano

9. Signature: *Anthony Laurentano* November 15, 2004

Signature Date

Anthony A. Laurentano - 38,220 Total number of pages including cover sheet, attachments, and documents 6

Name of Person Signing

I hereby certify that the correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (703) 306-5955 at its Assignment Recordation Service, Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Date: November 15, 2004 Signature: *Anthony Laurentano* (Anthony A. Laurentano)

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REGISTRATION FORM COVER SHEET
(continued)

Form PTO-1595

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

Masanori MORI (10/25/2004), Hiroshi MORIKAWA (10/25/2004), and Hiromichi YOSHIDA (10/25/2004)

Additional Assignees (2. Continued):

Assignee Name: _____
Internal Address: _____
Street Address: _____
City: _____ State: _____ Country: _____ Zip: _____

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

ASSIGNMENT

TOW-078

THIS ASSIGNMENT, made by the following co-inventors (hereinafter referred to as the assignors):

| <u>CO-INVENTOR</u> | <u>RESIDENCE ADDRESS</u> |
|--------------------|---|
| Katsumi HAYASHI | C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama-ken 351-0193 JAPAN |
| Shigeru INAI | C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama-ken 351-0193 JAPAN |
| Hideo KATO | C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama-ken 351-0193 JAPAN |
| Ryo JIMBA | C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama-ken 351-0193 JAPAN |
| Masanro MOHRI | C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama-ken 351-0193 JAPAN |
| Hirosni MORIKAWA | C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama-ken 351-0193 JAPAN |
| Hironichi YOSHIDA | C/O KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama-ken 351-0193 JAPAN |

WITNESSETH:

WHEREAS, the said assignors have invented certain new and useful improvements in
METHOD OF STARTING UP OPERATION OF FUEL CELL AT LOW TEMPERATURE

_____ set forth in an
application for Letters Patent of the United States, executed concurrently herewith, and

WHEREAS, HONDA MOTOR CO., LTD.

_____, a corporation duly organized under and pursuant to the
laws of the State of Japan, and having its principal place of business at 1-1, Minami-Aoyama
2-chome, Minato-ku, Tokyo 107-8556 JAPAN

(hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in
and to said inventions and said application for Letters Patent of the United States, and in and to any
Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and
sufficient considerations, the receipt of which is hereby acknowledged, the said assignors have sold,
assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto
the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and
to the above mentioned inventions, application for Letters Patent, and any and all Letters Patent or
Patents in the United States of America and all foreign countries which may be granted therefor and
thereon, and in and to any and all divisions, continuations, and continuations-in-part of said
application, or reissues or extensions of said Letters Patent or Patents, and all rights under the
International Convention for the Protection of Industrial Property, the same to be held and enjoyed
by the said assignee, for its own use and behoof and the use and behoof of its successors, legal
representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents
may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors,
had this sale and assignment not been made.

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AND for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above mentioned, and that the same are unencumbered and that the said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said assignors hereby covenant and agree to and with the said assignee, its successors, legal representatives and assigns, that the said assignors will, whenever counsel of the said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to the said assignee, its successors, legal representatives and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

AND the said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to the said assignee, as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said assignee, its successors, legal representatives and assigns.

Signed at Tochigi-ken, Japan this 25th day of October, 2004

Katsumi Hayashi
Katsumi HAYASHI

Witness:

Junichi Kikuchi

Signed at Tochigiken, Japan this 25th day of October, 2004

Shigeru Inai
Shigeru INAI

Witness:

Junichi Kikuchi

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Signed at Tochigi-ken, Japan this 25th day of October, 2004

Hideo Kato
Hideo KATO

Witness:

Junichi Kikuchi

Signed at Tochigi-ken, Japan this 25th day of October, 2004

Ryo Jimba
Ryo JIMBA

Witness:

Junichi Kikuchi

Signed at Tochigi-Ken, Japan this 25th day of October, 2004

Masahiro Mohri
Masahiro MOHRI

Witness:

Junichi Kikuchi

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PAGE 4

Signed at Tochigi-ken JAPAN this 25th day of October, 2004

Hiroshi Morikawa
HIROSHI MORIKAWA

Witness:

Jumichi Kikuchi

Signed at Tochigiken JAPAN this 25th day of October, 2004

Hikomichi Yoshida
HIROMICHI YOSHIDA

Witness:

Jumichi Kikuchi

Signed at _____ this _____ day of _____

Witness:
