

06-15-2007



U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 09707.0012  
Attorney Customer Number: 22,852

To the Director of the U.S. Patents and

103417012

original documents or copy thereof.

1. Name of conveying party(ies):

- 1) Takayuki MORI 4) Isamu KANAYA  
2) Nobuya IWAMI 5) Hiroki UENO  
3) Takayuki KUMAGAI 6) Kiminobu HIRATA

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

2. Name and address of receiving party(ies):

Name: 1) TOKYO ROKI CO., LTD.  
2) NISSAN DIESEL MOTOR CO., LTD.

Internal Address: 1) 3-12-3 Nakamachidai, Tsuzuki-ku,  
Yokohama-shi, Kanagawa 224-0041  
Japan  
2) 1-1, Oaza, Ageo-shi, Saitama 362-8523  
Japan

Street Address:

City:

State:

Zip Code:

3. Nature of conveyance/Execution Date(s):

Execution Dates(s) 1) September 22, 2006 2) September 22, 2006  
3) September 22, 2006 4) October 3, 2006 5) October 3, 2006  
6) October 3, 2006

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

Additional name(s) & Address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

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

A. Patent Application Number(s):

10/590,776

B. Patent Number(s):

Additional numbers attached?

☐ Yes ☒ No

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

Name: Mr. Ernest F. Chapman

6. Total number of applications and registrations involved: 1

7. Total fee (37 CFR 3.41): \$40

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed (Please charge deficiency to deposit account)  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account No.: 06-0916

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT &  
DUNNER, L.L.P.

Street Address: 901 New York Avenue, NW

City: Washington, D.C.

State: Zip: 20001-4413

Authorized User Name \_\_\_\_\_

8. 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.

David W. Hill  
Reg. No. 28,220

Signature ERNEST F. CHAPMAN

June 12, 2007

Date

Total number of pages including cover sheet, attachments and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, PO box 1450, Alexandria, VA 22313-1450

PATENT  
REEL: 019443 FRAME: 0838

JOINT INVENTION  
(U.S. Rights Only)

**ASSIGNMENT**

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

NITROGEN OXIDE REMOVAL CATALYST SYSTEM AND NITROGEN OXIDE REMOVAL METHOD

for which we executed an application for United States Letters Patent concurrently herewith or on \_\_\_\_\_ or filed an application for United States Letters Patent on August 25, 2006 (Application No. 10/590776); and

WHEREAS, TOKYO ROKI CO., LTD., a corporation of Japan, whose post office address is 3-12-3 Nakamachidai, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0041 Japan, and NISSAN DIESEL MOTOR CO., LTD., a corporation of Japan, whose post office address is 1-1, Oaza, Ageo-shi, Saitama 362-8523 Japan (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

**First Assignor**

Name: Takayuki MORI  
Address: c/o TOKYO ROKI CO., LTD.  
3-12-3 Nakamachidai, Tsuzuki-ku, Yokohama-shi,  
Kanagawa 224-0041 Japan

Citizenship: Japan

Signature: Takayuki Mori

Date: 2006. 9. 22

**Second Assignor**

Name: Nobuya IWAMI  
Address: c/o TOKYO ROKI CO., LTD.  
3-12-3 Nakamachidai, Tsuzuki-ku, Yokohama-shi,  
Kanagawa 224-0041 Japan

Citizenship: Japan

Signature: Nobuya Iwami

Date: 2006. 9. 22

**Third Assignor**

Name: Takayuki KUMAGAI  
Address: c/o TOKYO ROKI CO., LTD.  
3-12-3 Nakamachidai, Tsuzuki-ku, Yokohama-shi,  
Kanagawa 224-0041 Japan

Citizenship: Japan

Signature: Takayuki Kumagai

Date: 2006. 9. 22

**Fourth Assignor**

Name: Isamu KANAYA  
Address: c/o NISSAN DIESEL MOTOR CO., LTD.  
1-1, Oaza, Ageo-shi, Saitama 362-8523  
Japan

Citizenship: Japan

Signature: Isamu Kanaya

Date: 2006. 10. 3.

**Fifth Assignor**

Name: Hiroki UENO  
Address: c/o NISSAN DIESEL MOTOR CO., LTD.  
1-1, Oaza, Ageo-shi, Saitama 362-8523  
Japan

Citizenship: Japan

Signature: Hiroki Ueno

Date: 2006. 10. 3

**Sixth Assignor**

Name: Kiminobu HIRATA  
Address: c/o NISSAN DIESEL MOTOR CO., LTD.  
1-1, Oaza, Ageo-shi, Saitama 362-8523  
Japan

Citizenship: Japan

Signature: Kiminobu HIRATA

Date: 2006. 10. 3