

05-14-1999

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

mpo 4-27-99

1. Name of conveying party(ies):  
Shinya HIROTA, Toshiaki TANAKA,  
Satoshi IGUCHI, Shunsuke TOSHIOKA

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

2. Name and address of receiving party(ies)

Name: TOYOTA JIDOSHA KABUSHIKI  
KAISHA

Internal Address: \_\_\_\_\_

Street Address: 1, Toyota-cho, Toyota-shi,  
Aichi-ken, 471-8571 JAPAN

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

36542 U.S. PTO  
09/300686  
04/27/99

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: April 15, 1999

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: 4/15/99

A. Patent Application No.(s)

09/300686

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Edward W. Greason

Internal Address: \_\_\_\_\_

Street Address: Kenyon & Kenyon

One Broadway

City: New York State: NY ZIP: 10004

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

11-0600 ✓

(Attach duplicate 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.

Edward W. Greason

Name of Person Signing

Signature

April 27, 1999

Date

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments PATENT

REEL: 9943 FRAME: 0780

ASSIGNMENT

WHEREAS, we, Shinya HIROTA, Toshiaki TANAKA, Satoshi IGUCHI  
and Shunsuke TOSHIOKA, citizens  
of Japan, residing at Susono-shi, Shizuoka-ken, Japan; Numazu-shi,  
Shizuoka-ken, Japan; Mishima-shi, Shizuoka-ken, Japan and Susono-shi,  
Shizuoka-ken, Japan respectively

respectively, have invented new and useful improvements in  
EXHAUST EMISSION CONTROL SYSTEM OF INTERNAL COMBUSTION ENGINE

for which we are about to make application for Letters Patent of  
the United States, said application having been executed by us  
on even date herewith; and

WHEREAS, Toyota Jidosha Kabushiki Kaisha,  
a Company of Japan, having its place of business at 1, Toyota-cho,  
Toyota-shi, Aichi-ken, 471-8571 Japan

(hereinafter referred to as the Assignee), is desirous of  
acquiring the entire right, title and interest in and to the  
application and the invention therein described and claimed and  
any Letters Patent that may be issued upon the application or  
for the improvements therein contained.

NOW, THEREFORE, for and in consideration of the  
equivalent sum of One Dollar (\$1.00) to us in hand paid, the  
receipt and sufficiency whereof is hereby acknowledged, we have  
sold, assigned and transferred, and do hereby sell, assign and  
transfer unto the Assignee, its successors and assigns, the  
entire right, title and interest in and to the application and  
the invention therein contained, including the right to apply  
for any Letters Patent in the United States of America on the  
invention, any Letters Patent that may issue thereon or  
therefor, in the United States, and all reissues, extensions,  
renewals, divisions and continuations thereof, to the full end  
of the term or terms for which the Letters Patent may be issued,

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the same to be held and enjoyed by the Assignee, its successors and assigns, the same as it would have been held and enjoyed by us if this Assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents to issue all such Letters Patent to the Assignee, its successors and assigns, in accordance with this instrument of Assignment.

We hereby represent and warrant that there are no rights and interests outstanding inconsistent with the rights and interests granted herein and that we will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and we bind ourselves, our heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to the Assignee, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the Assignee, its successors and assigns, to vest in the Assignee, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States.

And we further covenant and agree, in consideration of the premises that we, our executors and administrators, will at any time upon request communicate to the Assignee, its successors and assigns, any facts relating to the invention and improvements and the history thereof, known to us or our executors and administrators, and that we will testify as to the same in any interference or other litigation when requested so to do by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 15 day of April, 1999.

Shinya Hirota  
(Name of Inventor)  
Shinya HIROTA

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 15 day of April, 1999.

Toshiaki Tanaka  
(Name of Inventor)  
Toshiaki TANAKA

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 15 day of April, 1999.

Satoshi Iguchi  
(Name of Inventor)  
Satoshi IGUCHI

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 15 day of April, 1999.

Shunsuke Toshioka  
(Name of Inventor)  
Shunsuke TOSHIOKA

WITNESSED BY:

\_\_\_\_\_  
Name

\_\_\_\_\_  
Address

WITNESSED BY:

\_\_\_\_\_  
Address