

FORM PTO-1585

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

jc912 U.S. PT
10/42079
04/23/03

1. Name of conveying party:

Noriko Ogawa
Ryuji Hayashi

4-23-03

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

Additional name(s) of conveying parties attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other: _____

Execution date: April 14, 2003.

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

4. Application numbers or patent numbers:

If this document is being filed together with a new application, the execution date of the application is:
April 14, 2003.

A. Patent Applications

10420739

B. Patent No.(s)

Additional Numbers attached? Yes No

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

Name: Mark H. Neblett, Esq.
Internal Address: KENYON & KENYON

Street Address: 1500 K Street, N.W., Suite 700
City: Washington, D.C. ZIP: 20005-1257

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41) \$ 40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:
11-0600

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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.

Mark H. Neblett (Reg. No. 42,028)
Name of Person Signing

Signature

April 23, 2003
Date

Total Number of pages including cover sheet, attachments and document: 5

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04/30/2003 TBIAZI 00000092 110600 10420739

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ASSIGNMENT

WHEREAS, we, Noriko Ogawa and Ryuji Hayashi,
citizens of Japan, all residing at Nishikamo-gun, Aichi-ken, Japan
and Nishikamo-gun, Aichi-ken, Japan, respectively, have invented
new and useful improvements in INTERNAL COMBUSTION ENGINE CONTROL
APPARATUS

_____ 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, 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

14 day of April, 2003.

Noriko Ogawa

(Noriko Ogawa)

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this

14 day of April, 2003.

Ryuji Hayashi

(Ryuji Hayashi)

WITNESSED BY:

Tomoyuki Kako

Name Tomoyuki Kako

Address