

1-31-05

Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005)

RECC

02-11-2005



102939372

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office 10517-245

Tab settings To the Honorable Commissioner of P

1. Name of conveying party(ies): Yoshihito Moriya Additional name of conveying party(ies) attached? [] Yes [x] 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 [x] No

112921 U.S. PTO 11/045370



3. Nature of conveyance: [x] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: January 12, 2005

4. Application number(s) or patent number(s): [x] This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? [] Yes [x] No

5. Name and address of party to whom correspondence concerning this document should be mailed: Name: David J. Zibelli Internal Address: Suite 700 Street Address: 1500 K Street NW City: Washington State: DC Zip: 20005-1257

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) ... \$ 40.00 [] Enclosed [x] Authorized to be charged to deposit account 8. Deposit account number: 11-0600 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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. David J. Zibelli, Reg. No. 36,394 Name of Person Signing Signature Date January 31, 2005 Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

02/10/2005 ECDOPER 00000077 110600 11045370 01 FC:8021 40.00 DA

PATENT REEL: 016238 FRAME: 0738

ASSIGNMENT

WHEREAS, I, Yoshihito MORIYA, a citizen of Japan,
residing at Nagoya-shi, Aichi-ken, Japan, respectively, have invented new and
useful improvements in VALVE CHARACTERISTIC CHANGING APPARATUS FOR
INTERNAL COMBUSTION ENGINE

for which I am about to make application for Letters Patent of the United States,
said application having been executed by me 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 I 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.

I hereby represent and warrant that there are no rights and interests
outstanding inconsistent with the rights and interests granted herein and that I
will not execute any instrument or grant or transfer any rights or interests
inconsistent therewith, and I bind myself, my 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 I further covenant and agree, in consideration of the premises that I, my 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 me or my executors and administrators, and that I 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
12 day of January, 2005 .

Yoshihito Moriya

(Yoshihito MORIYA)

WITNESSED BY:

Koichi Shimizu

Name Koichi SHIMIZU

Address