

05-16-2005



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

1. Name of conveying party(ies):

Takahide KOSHIMIZU  
Fuminori HOSODA  
Koichi SHIMIZU

Additional name 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**

City: **Toyota-shi** State: **Aichi** Zip: **471-8571 JAPAN**

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 02 May 2005

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: 02 May 2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

John C. Altmiller  
Kenyon & Kenyon  
1500 K Street, NW  
Suite 700  
Washington, DC 20005

Attorney Docket No.: 960/185

Customer No. 23838

6. Total number of applications and patents involved: **1**

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

- ☐ Enclosed  
☒ Authorized to be charged to 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.*

John C. Altmiller  
Name of Person Signing

*John C. Altmiller*  
Signature

10 May 2005  
Date

Total number of pages including cover sheet, attachments, and documents: **2**

Mail documents to be recorded with required cover sheet information to:  
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05/13/2005 ECOOPER 00000158 110600 11125353

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PATENT  
REEL: 016553 FRAME: 0189

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to

**TOYOTA JIDOSHA KABUSHIKI KAISHA**

(hereinafter referred to as "ASSIGNEE"), which has a business office at

1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571 Japan,

the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled:

**COLLAR AND VARIABLE VALVE ACTUATION MECHANISM**

(File No. \_\_\_\_\_) for which I(we) have executed an application for a United States Letters Patent on May 2, 2005.  
(Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_.)

2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEE.

3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

Signed on the date(s) indicated beside my(our) signature(s).

1) Takahide Koshimizu Date: May 2, 2005  
Name: Takahide KOSHIMIZU

2) Fuminori Hosoda Date: May 2, 2005  
Name: Fuminori HOSODA

3) Koichi Shimizu Date: May 2, 2005  
Name: Koichi SHIMIZU

Witness: Yuzi Yoshikawa Date: May 2, 2005

Witness: Takao Yuasa Date: May 2, 2005