FORM PTO-1594 1-31-92 MR



U.S. Department of Commer Patent and Trademark Office Attorney Docket No. 07057.000

To the Honorable Commissioner of Patents and Tradema

101182253

| Please record the attached original documents or copy thereof. ALIN. BUX ASSIGNMENTS | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--|--|--|
| 1. Name of conveying parties: Takashi IZUO, Tatsuo IIDA, Masahiko ASANO, and Hiroyuki HATTORI | 2. Name and address of receiving party: | | | |
| | Toyota Jidosha Kabushiki Kaisha 1, Toyota-cho, Toyota-shi Name: Aichi-ken, 471-8571, Japan | | | |
| Additional name(s) of conveying party(ies) attached? □ Yes ⊠ No | Internal Address: | | | |
| 3. Nature of conveyance: | Street Address: | | | |
| | City: | | | |
| Assignment Merger | State: Zip Code: | | | |
| Security Agreement Change of Name | | | | |
| | | | | |
| Other | | | | |
| | Additional name(s) & Address(es) attached? | | | |
| Execution Date: September 21, 1999 □ Yes ⊠ No | | | | |
| 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: September 21, 1999 | | | | |
| A. Patent Application Number(s): | B. Patent Number(s): | | | |
| O9 419642 Additional numbers attached? □ Yes ⊠ No | | | | |
| Name and address of party to whom correspondence concerning document should be mailed: | Total number of applications and registrations involved: 1 | | | |
| Name: Mr. Ernest F. Chapman | 7. Total fee (37 CFR 3.41): \$40 ⊠ | | | |
| Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. | | | | |
| | Authorized to be charged to deposit account | | | |
| Street Address 1300 I Street, N.W. | | | | |
| | 8. Deposit account number: <u>06-0916</u> | | | |
| City: Washington State: DC Zip: 20005-3315 | | | | |
| 9. Statement and signature. To the best of my knowledge and belief, the foregoing in the original document. | | | | |
| Ernest F. Chapman | October 18, 1999 | | | |
| Reg No. 25,961 | nature Date | | | |
| Total number of pages including coper sheet, attachments and documents: 2 | | | | |

PATENT

REEL: 010333 FRAME: 0247

SOLE/JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

VALVE DRIVING APPARATUS PROVIDED IN AN INTERNAL COMBUSTION ENGINE

invention and the Letters Patent to be issued upon this application;

| herewith or on or | filed an application for United States Letters (Serial No); and |
|-------------------------------------------|-----------------------------------------------------------------|
| WHEREAS, TOYOTA JIDOSHA KABUSHIKI K | AISHA . |
| a corporation of Japan | , whose post office |
| address is 1, Toyota-cho, Toyota-shi, Aic | hi-k <u>en, 471-8571 Japan</u> |
| (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

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WZ, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/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 I/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, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/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.

| | IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s). | |
|---------|--------------------------------------------------------------------------------------------------------|--------------------------------|
| 1. | Full Name of Sole or First Assignor: Assignor's Signature Takashi Izuo: : Takushi Yzuc | : Date : September 21,1999 |
| <u></u> | Address c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan | : Citizenship : Japan |
| 2. | Full Name of Second Assignor : Assignor's Signature Tatsuo Iida : Jatsut Jida | : Date : September 21, 1999 |
| | Address c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan | : Citizenship : Japan |
| 3. | Full Name of Third Assignor : Assignor's Signature Masahiko Asano : marahika Wang | : Date : September 21, 1999 |
| | Address c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan | : Cirizenship : Japan |
| 4. | Full Name of Third Assignor : Assignor's Signoture Hiroyuki Hattori : Giroyuki Mattori | : Date : September 21, 1999 |
| | Address c/o TOYOTA JIDOSHA KABUSHIKI KAISHA of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan | : Citizenship : Japan |

FINNEGAN, BENDERSON, FARABOW, GARRETT & DUNNER . WASBINGTON, D.C.

PATENT REEL: 010333 FRAME: 0248

RECORDED: 10/18/1999