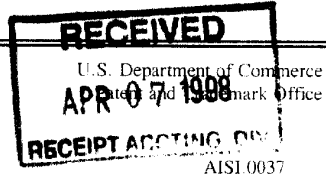


04-20-1998

B/O FORM PTO 1595 (1/31/92)



100688094



MD 04-07-98

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

<p>1. <i>Name of Conveying Party(ies):</i> Yuji NOGUCHI, Kongo AOKI, Katsuhiko EGUCHI</p> <p><input type="checkbox"/> Additional names of conveying parties attached</p>	<p>2. <i>Name and Address of Receiving Party(ies):</i></p> <p>Name: Aisin Seiki Kabushiki Kaisha</p> <p>Internal Address:</p> <p>Street Address: I, Asahi-machi 2-chome</p> <p>City, State, Zip: Kariya City 448, Japan</p> <p><input type="checkbox"/> Additional name(s) and address(es) attached.</p>
<p>3. <i>Nature of Conveyance:</i></p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other:</p> <p>Execution Date: January 8, 1998</p>	

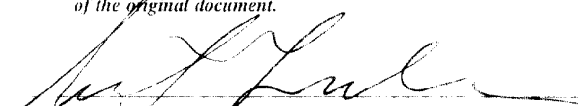
<p>4. (a) <i>Patent Application Number(s):</i></p> <p>08/988,668</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <p><input type="checkbox"/> Additional Numbers Attached.</p>	<p>4. (b) <i>Patent Numbers:</i></p> <p>04/15/1998 01 FC:581 09988668 40.00 DP</p>
--	---

<p>5. <i>Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:</i></p> <p>Name: Stanley P. Fisher</p> <p>Address: Hazel & Thomas, P.C. 3110 Fairview Park Dr. Suite 1400 Falls Church, Va. 22042</p>	<p>6. <i>Total Number of Applications and Patents Involved:</i> 1</p> <p>7. <i>Total Fee:</i> \$40.00 (37 C.F.R. § 3.41)</p> <p><input checked="" type="checkbox"/> Enclosed.</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. <i>Deposit Account Number:</i></p> <p><small>ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT</small></p>
---	--

DO NOT USE THIS SPACE

9. **Statement and Signature:**

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.



April 7, 1998

Stanley P. Fisher, Registration No. 24,344

Total number of pages comprising cover sheet: 2

ASSIGNMENT

WHEREAS, Yuji Noguchi, Kongo Aoki and Katsuhiko Eguchi, whose post office addresses appear below (hereinafter referred to as ASSIGNOR), have invented certain new and useful improvements in a VARIABLE VALVE TIMING DEVICE, (hereinafter referred to as THE INVENTION) for which an application for United States Letters Patent was filed on **December 11, 1997**, Application Number 08/988,668 ;

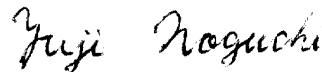
WHEREAS, Aisin Seiki Kabushiki Kaisha, whose post office address is **1, Asahi-machi 2-chome, Kariya City 448, Japan** (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, we, ASSIGNOR, by these presents do sell, assign and transfer until said ASSIGNEE, the entire right, title and interest in and to said invention and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to said invention throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said invention.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

Yuji Noguchi
77-2, Jinden, Maebayashi-cho, Toyota city
Aichi-pref., Japan

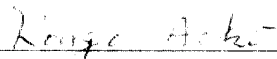


Signature

January 8, 1998

Date

Kongo Aoki
6-1-5, Kita-machi, Toyota city
Aichi-pref., Japan

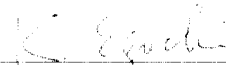


Signature

January 8, 1998

Date

Katsuki Eguchi
2-13-12, Suehiro-cho, Kariya city
Aichi-pref., Japan



Signature

January 8, 1998

Date