

05-30-2007

R

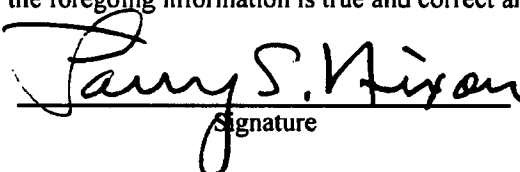
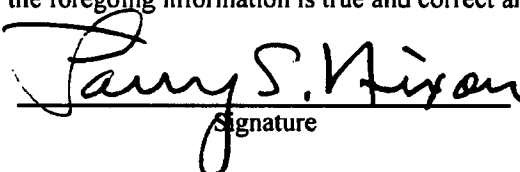
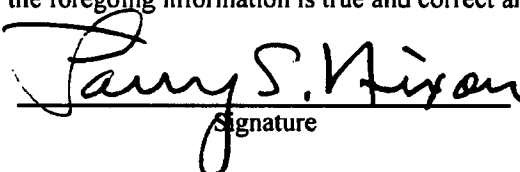
EET



Our Ref.: LSN-2018-1703

103410279

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <table border="0"><tr><td>1 Akihiko TAKENAKA</td><td>5 Takashi INOUE</td></tr><tr><td>2 Eiji ISOBE</td><td>6 Koichi SHIMIZU</td></tr><tr><td>3 Takayuki INOHARA</td><td>7</td></tr><tr><td>4 Yoshihito MORIYA</td><td>8</td></tr></table> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance:</p> <table border="0"><tr><td><input checked="" type="checkbox"/> Assignment</td><td><input type="checkbox"/> Merger</td></tr><tr><td><input type="checkbox"/> Security Assignment</td><td><input type="checkbox"/> Change of Name</td></tr><tr><td><input type="checkbox"/> Other</td><td></td></tr></table> <p>Execution Date: 17 April, 18 April, 19 April, 7 May, 7 May and 7 May 2007 (respectively)</p>		1 Akihiko TAKENAKA	5 Takashi INOUE	2 Eiji ISOBE	6 Koichi SHIMIZU	3 Takayuki INOHARA	7	4 Yoshihito MORIYA	8	<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	<input type="checkbox"/> Security Assignment	<input type="checkbox"/> Change of Name	<input type="checkbox"/> Other		<p>2. Name and address of receiving party(ies):</p> <p>1) Name: DENSO CORPORATION Street Address: 1-1, Showa-cho City: Kariya-city, Aichi-pref. State/Country: Japan Zip: 448-8661</p> <p>2) Name NIPPON SOKEN, INC. Street Address: 14, Iwaya, Shimohasumi-cho City: Nishio-city, Aichi-pref. State: Japan Zip: 445-0012</p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
1 Akihiko TAKENAKA	5 Takashi INOUE															
2 Eiji ISOBE	6 Koichi SHIMIZU															
3 Takayuki INOHARA	7															
4 Yoshihito MORIYA	8															
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger															
<input type="checkbox"/> Security Assignment	<input type="checkbox"/> Change of Name															
<input type="checkbox"/> Other																
<p>4. Application number(s) or patent number(s): <input checked="" type="checkbox"/> This assignment is being filed together with a new application.</p> <table border="0"><tr><td>A. Patent Application No(s). (1) To be assigned (2) (3)</td><td>B. Patent No(s). (1) (2) (3)</td></tr></table> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		A. Patent Application No(s). (1) To be assigned (2) (3)	B. Patent No(s). (1) (2) (3)													
A. Patent Application No(s). (1) To be assigned (2) (3)	B. Patent No(s). (1) (2) (3)															
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Larry S. Nixon</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon & Vanderhye P.C.</u> <u>901 North Glebe Road</u> <u>11th Floor</u></p> <p>City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22203</u></p>		<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. <u>14-1140</u>.</p>														
<p style="text-align: center;">DO NOT USE THIS SPACE</p>																
<p>9. Statements and signature.</p> <p>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.</p> <table border="0"><tr><td><u>Larry S. Nixon</u> Name of Person Signing Reg. No. 25,640</td><td> Signature</td><td><u>May 15, 2007</u> Date</td></tr></table> <p>Total number of pages including original cover sheet, attachments, and document: <u>[4]</u></p>			<u>Larry S. Nixon</u> Name of Person Signing Reg. No. 25,640	 Signature	<u>May 15, 2007</u> Date											
<u>Larry S. Nixon</u> Name of Person Signing Reg. No. 25,640	 Signature	<u>May 15, 2007</u> Date														

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

05/16/2007 DENMANU1 00000026/11798548

04 FC:8021

40.88 OP

PATENT
REEL: 019367 FRAME: 0023

1205079

RECORDATION FORM COVER SHEET

PATENTS ONLY

Our Ref: 2018-170

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

9
10
11
12
13
14
15
16

3) Name: TOYOTA JIDOSHA KABUSHIKI KAISHA

Street Address: 1, Toyota-cho

City: Toyota-city, Aichi-pref.

State: Japan

Zip: 445-0012

4. Application number(s) or patent number(s):

A. Patent Application No(s).

(4)
(5)
(6)
(7)
(8)
(9)

B. Patent No(s).

(4)
(5)
(6)
(7)
(8)
(9)

ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Akihiko Takenaka
Eiji Isobe
Takayuki Inohara
Yoshihito Moriya
Takashi Inoue
Koichi Shimizu

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) DENSO CORPORATION a corporation of Japan
(Address) 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan
(Assignee) NIPPON SOKEN, INC. a corporation of Japan
(Address) 14, Iwaya, Shimohasumi-cho, Nishio-city, Aichi-pref., 445-0012 Japan
(Assignee) TOYOTA JIDOSHA KABUSHIKI KAISHA a corporation of Japan
(Address) 1, Toyota-cho, Toyota-city, Aichi-pref., 471-8571 Japan

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as

(Title) VALVE TIMING CONTROLLER

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on _____ or has already filed U.S. application Serial No. _____, on _____.

The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date	<u>April 17, 2007</u>	Signature of inventor	<u>Akihiko Takenaka</u> Akihiko Takenaka
Date	<u>April 18, 2007</u>	Signature of inventor	<u>Eiji Isobe</u> Eiji Isobe
Date	<u>April 19, 2007</u>	Signature of inventor	<u>Takayuki Inohara</u> Takayuki Inohara

Date May 7, 2007 Signature of inventor

Yoshihito Moriya
Yoshihito Moriya

Date May 7, 2007 Signature of inventor

Takashi Inoue
Takashi Inoue

Date May 7, 2007 Signature of inventor

Koichi Shimizu
Koichi Shimizu

Date April 17, 2007

Witnessed by: Takeshiro Tanaka

Date April 18, 2007

Witnessed by: Akio Imai

Date T. I. April 19, 2007
~~April 19, 2007~~

Witnessed by: Shinsuke Ido

Date May 7, 2007

Witnessed by: Yoji Yoshikawa

Date May 7th 2007

Witnessed by: Takasuke Iwada

Date May 7, 2007

Witnessed by: Taro Furukubo