

12-10-2007

REC



103467250

Our Ref.: LSN-2018-1786

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):
 1 Toshikazu Tanaka
 2 Masaomi Inoue
 3 Yuuichi Takemura
 4 Zenichiro Mashiki

2. Name and address of receiving party(ies):
 1) Name: DENSO CORPORATION
 Street Address: 1-1, Showa-cho
 City: Kariya-city, Aichi-pref.
 State/Country: Japan Zip: 448-8661
 2) Name Toyota Jidosha Kabushiki Kaisha
 Street Address: 1, Toyota-cho
 City: Toyota-city, Aichi-pref.
 State: Japan Zip: 471-8571

Additional name/s of conveying party/ies attached?

3. Nature of conveyance:
 Assignment Merger
 Security Assignment Change of Name
 Other

Execution Date: August 31, September 4, August 31,
September 3, 2007, respectively

4. Application number(s) or patent number(s): This assignment is being filed together with a new application.
 A. Patent Application No(s).
 (1) 11/896,120
 (2) _____
 (3) _____
 B. Patent No(s).
 (1) _____
 (2) _____
 (3) _____
 Additional numbers attached Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Larry S. Nixon
 Internal Address: _____
 Street Address: Nixon & Vanderhye P.C.
 901 North Glebe Road
 11th Floor
 City: Arlington State: VA Zip: 22203

6. Total number of applications & patents involved: 1
 7. Total fee (37 CFR 3.41) \$ 40.00
 Enclosed
 Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency 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. 14-1140.

DO NOT USE THIS SPACE

9. Statements 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.

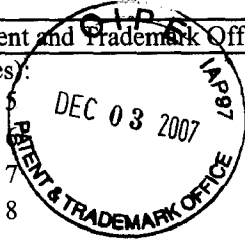
Larry S. Nixon
 Name of Person Signing
 Reg. No. 25,640

[Signature]
 Signature

December 3, 2007
 Date

Total number of pages including original cover sheet, attachments, and document: [5]

12.30



D/S

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

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7-1-12

Case No. : _____
106190-US-HM/mk

ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Toshikazu Tanaka
Masaomi Inoue
Yuuichi Takemura
Zenichiro Mashiki

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 1) DENSO CORPORATION a corporation of Japan

(Address) 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

(Assignee 2) TOYOTA JIDOSHA KABUSHIKI KAISHA a corporation of Japan

(Address) 1, Toyota-cho, Toyota-city, Aichi-pref., 471-8571 Japan

(Title) (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 VARIABLE VALVE TIMING CONTROLLER FOR INTERNAL COMBUSTION ENGINE 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 August 31, 2007 Signature of inventor Toshikazu Tanaka
Toshikazu Tanaka

Date September 4, 2007 Signature of inventor Masaomi Inoue
Masaomi Inoue

Date August 31, 2007 Signature of inventor Yuuichi Takemura
Yuuichi Takemura

Date _____ Signature of inventor _____
Zenichiro Mashiki

264637

Date August 31. 2007
Date September 4. 2007
Date August 31. 2007
Date _____

Witnessed by: Haruyuki Utsukihata
Witnessed by: Yusuke Ishida
Witnessed by: Tatsuya Oka
Witnessed by: _____

TSN 2007-0920-09

Case No. : _____
106190-US-HM/mk

ASSIGNMENT OF U.S. PATENT APPLICATION

(Inventors) Toshikazu Tanaka
Masaomi Inoue
Yuuichi Takemura
Zenichiro Mashiki

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(Address) 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan

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(Title) VARIABLE VALVE TIMING CONTROLLER FOR INTERNAL COMBUSTION ENGINE
(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

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

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

Date _____ Signature of inventor Toshikazu Tanaka

Date _____ Signature of inventor Masaomi Inoue

Date _____ Signature of inventor Yuuichi Takemura

Date September 3, 2007 Signature of inventor Zenichiro Mashiki
Zenichiro Mashiki

264637

Date _____

Witnessed by: _____

Date _____

Witnessed by: _____

Date _____

Witnessed by: _____

Date September 3, 2007

Witnessed by: Kenji Sami