




04-12-2010

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Our Ref.: MNL-2635-850

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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 Yusaku <b>SUZUKI</b> 2 Seiichiro <b>NISHIKAWA</b>  Additional name/s of conveying party/ies attached? <input type="checkbox"/> 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other  Execution Date: <u>March 30, 2010 and March 31, 2010</u>	2. Name and address of receiving party(ies):  1) Name: <b>DENSO CORPORATION</b> Street Address: <u>1-1, Showa-cho</u> City: <u>Kariya-city, Aichi-pref.</u> State/Country: <u>Japan</u> Zip: <u>448-8661</u>  2) Name Street Address: City: State: Zip:  Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): <input type="checkbox"/> This assignment is being filed together with a new application. A. Patent Application No(s). (1) <u>12/706,921</u> (2) (3)  Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent No(s). (1) (2) (3)
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: <u>Michelle N. Lester</u>  Internal Address:  Street Address: <u>Nixon &amp; Vanderhye P.C.</u> <u>901 North Glebe Road</u> <u>11th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22203</u>	6. Total number of applications & patents involved: <u>1</u>  7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140  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 <b>Account No. 14-1140.</b>
<b>DO NOT USE THIS SPACE</b>	
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.  <u>Michelle N. Lester</u>  <u>April 7, 2010</u> Name of Person Signing Signature Date Reg. No. 32,331  Total number of pages including <b>original</b> cover sheet, attachments, and document: [3]	

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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# ASSIGNMENT OF PATENT APPLICATION

(Inventors)

1) Yusaku SUZUKI  
2) Seiichiro NISHIKAWA

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)  
(Address)

DENSO CORPORATION, a corporation of Japan having a place of business at  
1-1 Showa-cho, Kariya-city, Aichi-pref. 448-8661 Japan

(Other  
Countries)  
(Title)

(hereinafter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of  
in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as  
MALFUNCTION DIAGNOSING APPARATUS FOR INTERNAL COMBUSTION  
ENGINES

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 March 30 and 31, 2010 or has already filed in  
U.S. appln. Serial No. 12/706,921, filed on February 17, 2010.  
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 March 30. 2010 Signature of inventor

Yusaku Suzuki  
Yusaku Suzuki

Date March 31. 2010 Signature of inventor

Seiichiro Nishikawa  
Seiichiro Nishikawa

Date \_\_\_\_\_ Signature of inventor

Date \_\_\_\_\_ Signature of inventor

Date \_\_\_\_\_ Signature of inventor

Date \_\_\_\_\_ Signature of inventor

Witnessed by: Yousuke Nakagawa

Date March 30. 2010

Witnessed by: Toshiki Annoura

Date March 31. 2010

Witnessed by: \_\_\_\_\_

Date \_\_\_\_\_

Witnessed by: \_\_\_\_\_

Date \_\_\_\_\_