



03-21-2006



103200981

ET

Our Ref.: 2018-1201

3/15/06

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):

Kenji NAGASAKI  
Tokiji ITO  
Hideki MIYAHARA

Additional name/s of conveying party/ies attached?

3. Nature of conveyance:

Assignment  Merger  
 Security Assignment  Change of Name  
 Other To correct the execution dates of the inventors

Execution Date: October 14, October 14, October 14, 2005, respectively

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/Country: Japan Zip: 471-8571

Additional name/s & address/es attached?  Yes  No

4. Application number(s) or patent number(s):  This assignment is being filed together with a new application.

A. Patent Application No(s).  
(1) 11/264,152  
(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 & Vanderhve 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 *Larry S. Nixon* March 15, 2006  
Name of Person Signing Signature Date  
Reg. No. 25,640

Total number of pages including original cover sheet, attachments, and document: 7

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

03/17/2006 DBYRNE 00000015 11264152

01 FC:8021

(40.00 DP)



11-09-2005



103116228

SHEET

Our Ref.: 2018-1201

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):

Kenji NAGASAKI  
Tokiji ITO  
Hideki MIYAHARA

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/Country: Japan Zip: 471-8571

Additional name/s & address/es attached?  Yes  No

Additional name/s of conveying party/ies attached?

3. Nature of conveyance:

- Assignment  Merger
- Security Assignment  Change of Name
- Other

Execution Date: November 2, 2005

4. Application number(s) or patent number(s):  This application is being filed together with a new application.

- A. Patent Application No(s).
- (1)
  - (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  
rec # 3025

November 2, 2005  
Date

Total number of pages including original 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

11-04/2005 WASFAM1 00000059 11264152

04 FC:8021 40.00 DP

COPY

**ASSIGNMENT OF U.S. PATENT APPLICATION**

(Inventors) Kenji Nagasaki  
Tokiji Ito  
Hideki Miyahara

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

(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) LEAK DETECTOR FOR FUEL VAPOR PURGE SYSTEM

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 October 14, 2005 Signature of inventor Kenji Nagasaki  
Kenji Nagasaki

Date October 14, 2005 Signature of inventor Tokiji Ito  
Tokiji Ito

Date October 14, 2005 Signature of inventor Hideki Miyahara  
Hideki Miyahara

Date October 14, 2005

Witnessed by: Kenichi Nagase

Date October 14, 2005

Witnessed by: Takuya Matsumoto

Date October 14, 2005

Witnessed by: Takashi Nakamura