



02-03-2005



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Our Ref.: 2635-142

Mail Stop Assignment Recordation Services  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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

1. Name of conveying party(ies):

Takanao Tomura  
Michiyasu Moritsugu  
Eiichi Kurokawa

2. Name and address of receiving party(ies):

Name: DENSO CORPORATION

Internal Address: \_\_\_\_\_

Street Address: 1-1, Showa-cho

City: Kariya-city, Aichi-pref.

State/Country: Japan

Zip: 448-0029

Additional name/s of conveying party/ies attached? ☐

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Assignment ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: December 16, December 16, December 24, 2002 respectively

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

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

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No(s).

- (1) 10/328,147  
(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.

1100 North Glebe Road

8<sup>th</sup> Floor

City: Arlington State: VA Zip: 22201

6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) (8021) \$ 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

Larry S. Nixon  
Signature

February 1, 2005

Date

Total number of pages including **original** cover sheet, attachments, and document: [3]

02/03/2005 BYRNE 00000192 10328147

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40.00 DP

RECORDATION FORM COVER SHEET

**PATENTS ONLY**

Our Ref: 2635-142

Commissioner of Patents and Trademarks  
Box Assignment, P.O. Box 1450  
Alexandria, VA 22313-1450

1. Name of conveying party(ies):	
2. Name: NIPPON SOKEN, INC. Street Address: 14, Iwaya, Shimohasumi-cho City: Nishio-city, Aichi-pref. State: Japan Zip: 445-0012	
4. Application number(s) or patent number(s):	
A. Patent Application No(s).	B. Patent No(s).
(4)	(4)
(5)	(5)
(6)	(6)
(7)	(7)
(8)	(8)
(9)	(9)

Case No. \_\_\_\_\_

# ASSIGNMENT OF U.S. PATENT RIGHTS

(Inventors) 1 Takanao TOMURA  
2 Michiyasu MORITSUGU  
3 Eiichi KUROKAWA

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 COPORATION  
(Address) 1-1, Showa-cho, Kariya-city, Aichi-pref. 448-0029 Japan  
(Assignee) 2) NIPPON SOKEN, INC.  
(Address) 14, Iwaya, Shimohasumi-cho, Nishio-city, Aichi-pref. 445-0012 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) GAS CONCENTRATION MEASURING APPARATUS MINIMIZING MEASUREMENT ERROR  
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 December 16 and 24, 2002 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.

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

Date December 16, 2002 Signature of inventor Takanao Tomura  
Takanao Tomura

Date December 16, 2002 Signature of inventor Michiyasu Moritsugu  
Michiyasu Moritsugu

Date December 24, 2002 Signature of inventor Eiichi Kurokawa  
Eiichi Kurokawa

Witnessed by: Daisuke Makino Date December 16, 2002

Witnessed by: Kirokazu Yamada Date December 24, 2002

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