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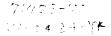
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Commissioner of Patents P.O. Box 1450

| Alexandria, VA 22313-1450 To the Honorable Commissioner of Patents and Trademarks: Plea | ase record the attached original documents or copy thereof. |
|---|---|
| Name of conveying party(ies): Kazuya NAKAGAWA | Name and address of receiving party(ies): Name: DENSO CORPORATION Internal Address: Street Address: 1-1, Showa-cho |
| Additional name/s of conveying party/ies attached? | |
| 3. Nature of conveyance: Assignment Merger Security Assignment Change of Name Other Execution Data: The continuous Data: The conveyance: Assignment Details Assignment Change of Name Execution Data: The conveyance: The | City: Kariya-city, Aichi-pref. State/Country: Japan Zip: 448-8661 Additional name/s & address/es attached? Yes No |
| Execution Date: February 9, 2005 | Additional namers & address/es attached: 11cs 11cs |
| 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution | on date of the application is: |
| A. Patent Application No(s). (1) 11/055,012 /2005 (3) DD01 00000093 11055012 | B. Patent No(s). (1) (2) (3) attached ☐ Yes ☒ No |
| 5. Name and address of party to whom correspondence | 6. Total number of applications & patents involved: 1 |
| Name: Larry S. Nixon | 7. Total fee (37 CFR 3.41) (8021) \$ 40.00 Enclosed Authorized to be charged to deposit account #14-1140 |
| Internal Address: | 8. The Commissioner is hereby authorized to charge any |
| Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road | deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter |
| Rith Floor City: Arlington State: VA Zip: 22201 | filed in this application by this firm) to our Account No. 14-1140. |
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| 9. Statements and signature. To the best of my knowledge and belief, the foregoing inform of the original document. Larry S. Nixon | ation is true and correct and any attached copy is a true copy March 31, 2005 |
| Name of Person Signing Reg. No. 25,640 | pature Date ginal cover sheet, attachments, and document: [2] |

Document9

PATENT REEL: 016419 FRAME: 0820



ASSIGNMENT OF PATENT APPLICATION

(Inventors)

Kazuya NAKAGAWA

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

(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

(Other Countries) (Title)

in the invention, and all application for patent and any Letters Patent which may be granted therefore, known as

GAS SENSOR EQUIPPED WITH GAS INLET DESIGNED TO CREATE DESIRED FLOW OF GAS

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 February 9, 2005 or has already filed in

U.S. appln. Serial No. , filed on February 11, 2005 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 February 9, 2001 Signature of inventor Kazuya Nakagawa

Witnessed by: Hiromi Sano Date February 9, 2005

PATENT **RECORDED: 03/31/2005** REEL: 016419 FRAME: 0821