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Our Ref.: LSN-2635-533

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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 Eturo YASUDA 5 Hirokatsu MUKAI 2 Noriaki KIHARA 6 Takumi USHIKUBO 3 Daisuke MAKINO 7 4 Makoto SHIRAI 8 | |
| 2. Name and address of receiving party(ies): 1) Name: NIPPON SOKEN, INC. Street Address: 14, Iwaya, Shimohasumi-cho City: Nishio-city, Aichi-pref. State/Country: Japan Zip: 445-0012 2) Name DENSO CORPORATION Street Address: 1-1, Showa-cho City: Kariya-city, Aichi-pref. State: Japan Zip: 448-8661 Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 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: November 20, November 23, November 21, November 26, November 27, November 27, 2007, respectively | |
| 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) 11/976,735 (2) (3) B. Patent No(s). (1) (2) (3) Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 <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 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 <i>Larry S. Nixon</i> January 11, 2008 Name of Person Signing Signature Date Reg. No. 25,640 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

U.S. DEPARTMENT OF COMMERCE

U.S. PATENT

U.S. TRADEMARK

Document3

PATENT
REEL: 020379 FRAME: 0383

ASSIGNMENT OF PATENT APPLICATION

(Inventors)

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|--------------------|
| 1) Eturo YASUDA |
| 2) Noriaki KIHARA |
| 3) Daisuke MAKINO |
| 4) Makoto SHIRAI |
| 5) Hirokatsu MUKAI |
| 6) Takumi USHIKUBO |

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)

1) NIPPON SOKEN, INC. a corporation of Japan having a place of business at 14, Iwaya, Shimohasumi-cho, Nishio-city, Aichi-pref. 445-0012 Japan

(Assignee)
(Address)

2) 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

METHOD OF MANUFACTURING CERAMIC SHEET AND METHOD OF MANUFACTURING GAS SENSING ELEMENT

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 November 20, 21, 23, 26 and 27, 2007 or has already filed in U.S. appln. Serial No. , filed on October 26, 2007 .
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 November 20, 2007 Signature of inventor

Eturo Yasuda
Eturo Yasuda

Date November 23, 2007 Signature of inventor

Noriaki Kihara
Noriaki Kihara

Date November 21, 2007 Signature of inventor

Daisuke Makino
Daisuke Makino

Date November 26, 2007 Signature of inventor

Makoto Shirai
Makoto Shirai

Date November 27, 2007 Signature of inventor

Hirokatsu Mukai
Hirokatsu Mukai

Date November 27, 2007 Signature of inventor

Takumi Ushikubo
Takumi Ushikubo

Witnessed by: Tsutomu Hirano

Date November 20, 2007

Witnessed by: Tsutomu Hirano

Date November 23, 2007

Witnessed by: Hirokatsu Imagawa

Date November 27, 2007

Witnessed by: Yasuyuki Sato

Date November 27, 2007