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TO THE ASSISTANT COMMISSIONER  
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPIES THEREOF.

101547120

JC841 U.S. PTO  
09/722317  
11/28/00

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

- 1. Itsuhei OGATA
- 2. Takumi KATAOKA
- 3. Eturo YASUDA
- 4. Kaoru KUZUOKA
- 5. Masanori YAMADA
- 6.
- 7.
- 8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED?  YES  NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: DENSO CORPORATION and NIPPON SOKEN, INC.

11-28-00  
11/30/2000 FFANAEIA 00000026 09722317

ADDRESS: 1-1 Showa-cho Kariya-city Aichi-pref., 448-8661 JAPAN  
14, Iwaya, Shimohasumi-cho, Nishic-shi, Aichi, JAPAN

04 FC:581

40.00 0P

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED?  YES  NO

09/722317

3. NATURE OF CONVEYANCE (DOCUMENT)

(Submit herewith only one document for recordation-- multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF
- WHOLE
- PART INTEREST
- ORIGINAL
- FACSIMILE/PHOTOCOPY
- CHANGE OF NAME
- VERIFIED TRANSLATION
- SECURITY
- MERGER
- OTHER:

EXEC. DATE: September 1, 1999

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) September 1, 1999

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached?  YES  NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in item 1
NEW APPLICATION	274506				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

**Pillsbury Madison & Sutro LLP**  
**Intellectual Property Group**  
1100 New York Avenue, NW  
Ninth Floor  
Washington, DC 20005-3918

6. NUMBER INVOLVED:  
APPLNS 1 + PATS 0 = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)  
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 274506

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

MATTER NO.	CLIENT REF.	dup. sheet not required	CLIENT NO.	MATTER NO.
			11349	274506

9. STATEMENT 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.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

2

Attorney: Timothy J. Klima/Glenn T. Barrett

Reg. No. 34852/38705

Date: November 28, 2000

Atty/Sec: TJK/mjb

TEL: (202) 861-3662

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter "ASSIGNOR") by

1) DENSO CORPORATION

1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448-8661 JAPAN

2) NIPPON SOKEN, INC.

14, Iwaya, Shinohasami-cho, Nishio-shi, Aichi, Japan

(Insert  
ASSIGNEE's  
Name(s)  
Address(es))

(hereinafter "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

WIDE-RANGE TYPE THERMISTOR ELEMENT AND METHOD OF PRODUCING  
THE SAME

(Title of  
Invention)

relating to International Patent Application PCT/JP \_\_\_\_\_/\_\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date  
of execution  
of application,  
if not  
concurrent)

(a) executed on \_\_\_\_\_;  
(b) filed on \_\_\_\_\_,  
Serial No. \_\_\_\_\_/\_\_\_\_\_;

(Pillsbury Madison & Sutro LLP  
Washington, D.C.  
) is hereby authorized to insert in (b) the specified  
data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s) when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) <u>Itsuei Ogata</u> (SIGNATURE)	<u>Itsuei Ogata</u> (TYPE NAME)	<u>Sept. 1, 1999</u> (DATE)
2) <u>Takumi Kataoka</u> (SIGNATURE)	<u>Takumi Kataoka</u> (TYPE NAME)	<u>Sept 1, 1999</u> (DATE)
3) <u>Eturo Yasuda</u> (SIGNATURE)	<u>Eturo Yasuda</u> (TYPE NAME)	<u>Sept 1, 1999</u> (DATE)
4) <u>Kaoru Kuzuoka</u> (SIGNATURE)	<u>Kaoru Kuzuoka</u> (TYPE NAME)	<u>Sept 1, 1999</u> (DATE)
5) <u>Masanori Yamada</u> (SIGNATURE)	<u>Masanori Yamada</u> (TYPE NAME)	<u>Sept 1, 1999</u> (DATE)
6) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
7) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)