

MRD  
10/22/99

10-27-1999

BOX ASSIGNMENTS



DO NOT USE FOR TRADEMARKS

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TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:  
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

- 1. Itsuho OGATA
- 3. Eturo YASUDA
- 5. Masarori YAMADA
- 7.

- 2. Takumi KATAOKA
- 4. Kaoru KUZUOKA
- 6.
- 8.

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

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

- NAME:
- 1. Denso Corporation
  - 2. Nippon Soken, Inc.

- ADDRESS:
- 1. 1-1 Showa-cho Kariya-city Aichi-pref., 448-8661 Japan
  - 2. 14, Iwaya, Shimohasumi-cho, Nishio-shi, Aichi, Japan

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

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
- CHANGE OF NAME  ACCURATE TRANSLATION
- SECURITY  MERGER  OTHER:

EXEC. DATE: September 1, 1999

EXECUT ON 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
09/382,589	263319				

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

**Pillsbury Madison & Sutro LLP**  
**Intellectual Property Group**  
 1100 NEW YORK AVENUE, N.W.  
 NINTH FLOOR, EAST TOWER  
 WASHINGTON, D.C. 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 263319 ND, NJ(ND)-E509-US  
 MATTER NO. CLIENT REF.

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE  
 INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975  
 UNDER ORDER NO 11349 263319  
 dup. sheet not required CLIENT NO. MATTER NO.

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
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Attorney: Timothy J. Klima

Reg. No. 34852

Date: October 21, 1999

Atty/Sec: JJK/slb

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, Shimohasumi-cho, Nishio-shi, Aichi, Japan

(Insert  
ASSIGNEE  
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

(Title of  
Invention)

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

relating to International Patent Application PCI/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>Itsuhei Ogata</u> (SIGNATURE)	<u>Itsuhei 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)
8)	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)