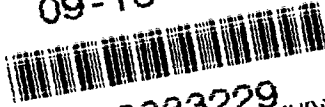


09-18-1998



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TO THE ASSISTANT COMMISSIONER
SIR: PLEASE RECORD THE ATTACHE

100833229
DOCUMENTS OR COPY THEREOF.

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

- 1. Yoshitada KATAYAMA
- 2. Keizo TAKEUCHI
- 3. Toshiaki TERADA
- 4. Shinya SUGIURA
- 5. Hakaru SASAKI
- 6. Tsutomu INUI
- 7.
- 8.

1c530 U.S. PTO
09/149082
09/08/98

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

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

NAME: NIPPONDENSO CO., LTD. and HITACHI METALS, LTD.

ADDRESS: 1-1 Showa-cho, Kariya-city, Aichi-Pref. 448, JAPAN and 1-2, 2-chome, Marunouchi, Chiyoda-ku, Tokyo, JAPAN, respectively

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

EXEC. DATE: 1. 06/20/94; 2., 3. & 4. 06/21/94; 5. 07/13/94; and 6. 07/12/94

CHANGE OF NAME VERIFIED TRANSLATION
 SECURITY MERGER OTHER:

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) same as above

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 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
	249194				

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 249194	E1119-01C1	UNDER ORDER NO	11453	249194
09/16/1998 NUMBER 0000045 09149082	CLIENT REF.	dup. sheet not required	CLIENT NO.	MATTER NO.

02 FC:561 40.00 09

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: Dale S. Lazar
Reg. No. 28872 Date: September 8, 1998
Atty/Sec: DSL/DST:kim TEL: (202) 861-3527 FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Yoshitada KATAYAMA, Youzou MAJIMA, Takayuki SHIBATA, Keizo TAKEUCHI, Toshiaki TERADA, Shinya SUGIURA, Hakaru SASAKI and Tsutomu INUI,

citizens of Japan by NIPPONDENSO CO., LTD. and HITACHI METALS, LTD., corporations organized under the laws of Japan,

located at 1-1 SHOWA-CHO KARIYA-CITY AICHI-PREF. 448 JAPAN and 1-2, 2-chome, Marunouchi, Chiyoda-ku, Tokyo, Japan, respectively,

receipt of which is hereby acknowledged, we, the said Yoshitada KATAYAMA, Youzou MAJIMA, Takayuki SHIBATA, Keizo TAKEUCHI, Toshiaki TERADA, Shinya SUGIURA, Hakaru SASAKI and Tsutomu INUI,

do hereby sell and assign to said NIPPONDENSO CO., LTD. and HITACHI METALS, LTD.,

their successors and assigns, all our right, title and interest, in and for the United States of America,

in and to "COMPOSITE MAGNETIC MEMBER, PROCESS FOR PRODUCING THE MEMBER AND ELECTROMAGNETIC VALVE USING THE MEMBER" invented by us and described in the application for United States Letters Patent therefor, executed on

and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said NIPPONDENSO CO., LTD. and HITACHI METALS, LTD.,

their successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said NIPPONDENSO CO., LTD. and HITACHI METALS, LTD.

Signed on the dates indicated aside our signatures:

INVENTORS (発明者フルネームサイン)	Date Signed (署名日)	Witnesses (立会人サイン)
1) <u>Yoshitada Katayama</u> (Yoshitada KATAYAMA)	<u>June 20, 1994</u>	<u>Ayumi Ishikawa</u>
2) <u>Youzou Majima</u> (Youzou MAJIMA)	<u>JUNE 20, 1994</u>	<u>Ayumi Ishikawa</u>
3) <u>Takayuki Shibata</u> (Takayuki SHIBATA)	<u>June 21, 1994</u>	<u>Ayumi Ishikawa</u>
4) <u>Keizo Takeuchi</u> (Keizo TAKEUCHI)	<u>June 21, 1994</u>	<u>Masam Unshihara</u>
5) <u>Toshiaki Terada</u> (Toshiaki TERADA)	<u>June 21, 1994</u>	<u>Masam Unshihara</u>
6) <u>Shinya Sugiura</u> (Shinya SUGIURA)	<u>June 21, 1994</u>	<u>Tetsuya Aoki</u>
7) <u>Hakaru Sasaki</u> (Hakaru SASAKI)	<u>July 13, 1994</u>	<u>Mitsuru Ohba</u>
8) <u>Tsutomu Inui</u> (Tsutomu INUI)	<u>July 12, 1994</u>	<u>Mitsuru Ohba</u>