Q78198

MODIFIED Form **PTO-1595** (Rev. 10/02) ~~10-6-03~~	102597863	**U.S. DEPARTMENT OF COMMERCE** U.S. Patent and Trademark Office

22241 U.S. PTO 10/700637 110503

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):	2. Name and address of receiving party(ies):
Motohisa TAGUCHI Masahiro KAWAI	MITSUBISHI DENKI KABUSHIKI KAISHA 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 JAPAN
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	

3. Nature of conveyance:	
☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other _____	
Execution Date: October 16, 2003	Additional name(s) & address(es) attached? ☐ Yes ☑ No

4. Application number(s) or patent number(s): *10/700637*

   If this document is being filed together with a new application, the execution date of the application is: October 16, 2003

A. Patent Application No.(s) Not Yet Assigned	B. Patent No.(s) Not Yet Assigned
Additional numbers attached? ☐ Yes ☑ No	

5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: One (1)
SUGHRUE MION, PLLC WASHINGTON OFFICE **23373** CUSTOMER NUMBER	7. Total fee (37 CFR 3.41): $40.00 ☑ Enclosed. ☐ Authorized to be charged to Deposit Account No. 19-4880. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.
	8. Deposit Account Number: 19-4880 (Attach duplicate copy of this page if paying by deposit account)

11/1 /2003 DBYRNE   00000060 10700637

01 F :8021   40.00 OP

DO NOT USE THIS SPACE

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.

Alan J. Kasper	Reg. No. 25,426	November 5, 2003 Date

Total number of pages including cover sheet, attachments, and documents: Two (2)

Mail documents to be recorded with required cover sheet information to:
MAIL STOP ASSIGNMENT RECORDATION SERVICES
Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 014673 FRAME: 0665

ASSIGNMENT

In consideration of the sum of One Dollar ($1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, _____
__Motohisa TAGUCHI and Masahiro KAWAI_____

hereby sells, assigns and transfers to

MITSUBISHI DENKI KABUSHIKI KAISHA
of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

(i)   the application for United States Letters Patent entitled __THERMAL SENSOR_____

which was executed by the undersigned on ___the dates indicated below_____
or was filed on _____ and accorded Serial No.
_____(hereinafter called the Application);

(ii)   any and all inventions and improvements which are described in the Application;

(iii)   any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);

(iv)   any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and

(v)   all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):		DATE
(Motohisa TAGUCHI)	*Motohisa Taguchi*	Oct. 16, 2003
(Masahiro KAWAI)	*Masahiro Kawai*	Oct. 16, 2003