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To the Honorable Commissioner of Patents

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and original documents or copy thereof.

1. Name of conveying party(ies):

Noboru OYAMA (June 16, 1999); Tetsu TATSUMA (June 22, 1999); Yoshihito WATANABE (June 16, 1999); Osamu HATOZAKI (June 16, 1999); Kaoru KITAKIZAKI (June 10, 1999) Masanori HABA (June 10, 1999); and Takayuki NOGUCHI (June 10, 1999)

Additional name(s) of conveying party(ies) attached? NO

2. Name and address of receiving party(ies):

Name: KABUSHIKI KAISHA MEIDENSHA

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Street Address: 1-17, Osaki 2-chome, Shinagawa-ku

City: Tokyo, State: Japan ZIP: 141-0032

Additional name(s) & address(es) attached? Yes

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: Same as above

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: Same as above

A. Patent Application No.(s)

91341465

B. Patent No.(s)

Additional numbers attached? No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard L. Schwaab, Esq.

Internal Address: FOLEY & LARDNER

Street Address: 3000 K Street, N.W., Suite 500

City: Washington, State: D.C. ZIP: 20007-5109

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41). \$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 19-0741

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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.

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July 12, 1999
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PATENT
REEL: 010441 FRAME: 0688

2. Name and address of receiving party(ies):

Name: Noboru OYAMA

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Additional name(s) & address(es) attached? No

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

name and address of assignee **KABUSHIKI KAISHA MEIDENSHA** **Noboru OYAMA**
1-17, Osaki 2-chome, Shinagawa-ku, 3-10-7, Kichijojihigashi-cho, Musashino-shi,
Tokyo 141-0032 JAPAN and Tokyo 180-0002 JAPAN

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

title of invention **QCM SENSOR**

as set forth in his/her United States Patent Application

check one executed concurrently herewith
 executed on _____
 Serial No. PCT/JP98/04948 Filed November 2, 1998

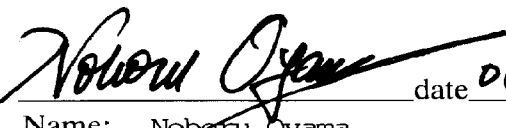
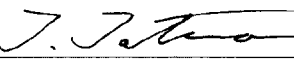
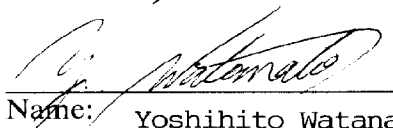
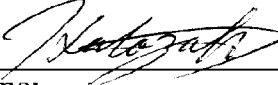
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Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **Foley & Lardner** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

names and signatures of inventors
 date 06/16/1999  date 06/22/1999
Name: Noboru Oyama Name: Tetsu Tatsuma
 date 06/16/1999  date 06/16/1999
Name: Yoshihito Watanabe Name: Osamu Hatozaki

K. Kitakizaki date 06/10/1999

Name: Kaoru Kitakizaki

M. Haba date 06/10/1999

Name: Masanori Haba

T. Noguchi date 06/10/1999

Name: Takayuki Noguchi

_____ date _____

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