

PATENT

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Takanobu TAKEUCHI

Serial No.:

Group:

Filed: September 19, 1997

Examiner:

For: SEMICONDUCTOR ACCELERATION DETECTING DEVICE

08-12-1999



Date: September 19, 1997

101094771

Docket No.: 0020-4295P

RECORDING OF ASSIGNMENT

MRD 9.19.97

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

Sir:

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies) (e.g. inventor(s)):

TAKEUCHI, Takanobu

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

Mitsubishi Deni Kabusbiki Kaisha

2-3, Marunouchi 2-chome, Chiyoda-ku,  
TOKYO 100 JAPAN

40E

0020-4295P-SP

## 3. Nature of Conveyance:

- ☒ Assignment  
☐ Security Agreement  
☐ Merger  
☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: September 10, 1997

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

If this document is being filed together with a new patent application, the execution date(s) of the application is (are)  
September 10, 1997

## A. Patent Application No.(s):

08-929041

## B. Patent No.(s):

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

Birch, Stewart, Kolasch & Birch, LLP  
P. O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

6. Total Number of applications and patents involved: One (1)7. ☒ The recording fee in the amount of \$ 40.00 is enclosed.

020-4295P-SP

8.      Please charge Deposit Account No. 02-2448 in the amount of \$    . A duplicate copy of this request is enclosed.
9.   X   The Commissioner is hereby authorized to charge any fees under 37 C.F.R. Sections 1.16-1.21(h) which may be required, or credit any overpayment to Deposit Account No. 02-2448.

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.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Date: September 19, 1997

By: 

MICHAEL K. MUTTER  
Reg. No. 29,680  
P. O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

/sas

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET,  
ATTACHMENTS, AND DOCUMENT: 05

(Rev. 12/21/93)

BIRCH, ST. MART, KOLASCH & BIRCH, LLP  
 United States Patent Rights, or  
 United States plus All Foreign Patent Rights

ATTORNEY DOCKET NO. 20-4295P

## ASSIGNMENT

Application No. New \_\_\_\_\_

Filed Sept. 18, 1997

WHEREAS, Takanobu TAKEUCHI

Insert Name(s)  
 of Inventor(s)

Insert Title  
 of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in \_\_\_\_\_

SEMICONDUCTOR ACCELERATION DETECTING DEVICE

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date  
 of Signing of  
 Application

on September 10, 1997 ; and

WHEREAS, Mitsubishi Denki Kabushiki Kaisha

Insert Name  
 of Assignee

Insert Address  
 of Assignee

of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100 JAPAN

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the

CHECK  
 ONE BOX

- (1) ☒ United States of America only; or  
 (2) ☐ United States of America and any and all foreign countries

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in:

1. the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, if box (1) above is designated;

or

2. the United States of America, its territories, dependencies and possessions and in any and all foreign countries and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions and in any and all foreign countries, if box (2) above is designated;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

20-4295P

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and/or any and all foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch and Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date September 10, 1997, Name of Inventor Takanobu Takeuchi (SEAL)  
(signature) Takanobu TAKEUCHI

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_ (SEAL)  
(signature)

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_ (SEAL)  
(signature)

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_ (SEAL)  
(signature)

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_ (SEAL)  
(signature)

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_ (SEAL)  
(signature)

The execution by the Inventor(s) of this assignment may be witnessed by at least two other persons who sign here.

Witness Miyumi Matsuo

Witness Rie Moriyama

PATENT