

P33649.p09

FORM PTO-1595

04-14-2008

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

103496482

Documents or copy thereof.

1. Name of Conveying party(ies):

Koichi MUKASA Hiroichi OZAKI,
Kazuhisa SUEOKA Atsushi ISHII
Seiji TAKEDA Motonori NAKAMURA
Satoshi HATTORI Hirotaka HOSOI
Yoshiki YAMADA
Makoto SAWAMURA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: March 17, 18, 19, 26, 18, 28, 25, 17, 28, and 18, 2008

2. Name and address of receiving party(ies)

Name: MITSUMI ELECTRIC CO, LTD.

Internal Address: _____

Street Address: 2-11-2, Tsurumaki, Tama-shi, Tokyo 206-8567 Japan

City: _____ State: _____ ZIP: _____

Additional names(s) and address(es) attached? ☒ Yes ☐ No

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: _____

A. Patent Application No.(s)

11/956,002

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: Bruce H. BernsteinInternal Address: P33649Street Address: GREENBLUM & BERNSTEIN, P.L.C.1950 Roland Clarke PlaceCity: Reston State: VA ZIP: 201916. Total number of applications and patents involved: 17. Total Fee (37CFR 3.41) \$40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

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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.

Bruce H. Bernstein, Reg. No. 29,027

Name of Person Signing

Stephen M. Roylance

Reg. No. 31,296

Signature

April 9, 2008

Date

Total number of pages including cover sheet, attachments and document: 10

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PATENT
REEL: 020802 FRAME: 0752

LISTING OF ADDITIONAL RECEIVING PARTIES

Name : Koichi MUKASA

Street address : Minami 13-jyo Nishi 5-chome, 1-1-901, Chuo-ku, Sapporo-shi, Hokkaido, Japan

Name : Kazuhisa SUEOKA

Street address : Kita 35-jyo Higashi 3-chome, 1-10-10, Higashi-ku, Sapporo-shi, Hokkaido, Japan

Name : Kenji HIJIKATA

Street address : Kanayama 2-jyo 1-chome, 1-8, Teine-ku, Sapporo-shi, Hokkaido, Japan

Name : Semicon Craft Technologies

Street address : Satomi 1-chome, 8-7, Kitahiroshima-shi, Hokkaido, Japan,

ASSIGNMENT

WHEREAS, **Koichi MUKASA**, a citizen of Japan, whose post office address is c/o National University Corporation Hokkaido University, Creative Research Initiative "Sousei" Kita 21-jyo Nishi 10-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0021 Japan, **Kazuhisa SUEOKA**, a citizen of Japan, whose post office address is c/o National University Corporation Hokkaido University, Graduate School of Information Science and Technology Kita 14-jyo Nishi 9-chome, Kita-ku, Sapporo-shi, Hokkaido 060-0814 Japan, **Seiji TAKEDA**, a citizen of Japan, whose post office address is c/o National University Corporation Hokkaido University, Creative Research Initiative "Sousei" Kita 21-jyo Nishi 10-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0021 Japan, **Satoshi HATTORI**, a citizen of Japan, whose post office address is c/o National University Corporation Hokkaido University, Creative Research Initiative "Sousei" Kita 21-jyo Nishi 10-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0021 Japan, **Yoshiki YAMADA**, a citizen of Japan, whose post office address is c/o National University Corporation Hokkaido University, Creative Research Initiative "Sousei" Kita 21-jyo Nishi 10-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0021 Japan, **Makoto SAWAMURA**, a citizen of Japan, whose post office address is c/o National University Corporation Hokkaido University, Creative Research Initiative "Sousei" Kita 21-jyo Nishi 10-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0021 Japan, **Hiroichi OZAKI**, a citizen of Japan, whose post office address is c/o National University Corporation Hokkaido University, Creative Research Initiative "Sousei" Kita 21-jyo Nishi 10-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0021 Japan, **Atsushi ISHII**, a citizen of Japan, whose post office address is c/o National University Corporation Hokkaido University, Creative Research Initiative "Sousei" Kita 21-jyo Nishi 10-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0021 Japan, **Motonori NAKAMURA**, a citizen of Japan, whose post office address is c/o National University Corporation Hokkaido University, Creative Research Initiative "Sousei" Kita 21-jyo Nishi 10-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0021 Japan, **Hiroataka HOSOI**, a citizen of Japan, whose post office address is c/o National University Corporation Hokkaido University, Creative Research Initiative "Sousei" Kita 21-jyo Nishi 10-chome, Kita-ku, Sapporo-shi, Hokkaido 001-0021 Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

FILED EFFECT TRANSISTOR, BIOSENSOR PROVIDED WITH IT, AND DETECTING METHOD

for which they have jointly executed an application for Letters Patent for the United States which was filed in the United States Patent and Trademark Office on December 13, 2007 and was awarded Application No. 11/956,002.

AND WHEREAS, **MITSUMI ELECTRIC CO, LTD.**, a corporation organized and existing under the laws of Japan, whose post-office address is 2-11-2, Tsurumaki, Tama-shi, Tokyo 206-8567 Japan, **Koichi MUKASA**, a citizen of Japan, whose post-office address is Minami 13-jyo Nishi 5-chome, 1-1-901, Chuo-ku, Sapporo-shi, Hokkaido, Japan, **Kazuhisa SUEOKA**, a citizen of Japan, whose post-office address is Kita 35-jyo Higashi 3-chome, 1-10-10, Higashi-ku, Sapporo-shi, Hokkaido, Japan, **Kenji HIJIKATA**, a citizen of Japan, whose post-office address is

Kanayama 2-jyo 1-chome, 1-8, Teine-ku, Sapporo-shi, Hokkaido, Japan, and **Semicon Craft Technologies**, a corporation organized and existing under the laws of Japan, whose post-office address is Satomi 1-chome, 8-7, Kitahiroshima-shi, Hokkaido, Japan, hereinafter known as the ASSIGNEES, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEES, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEES and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEES and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEES, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEES, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed on the respective date(s) indicated below.

First Witness:

(Name)

(Date)

Second Witness:

(Name)

(Date)

Koichi Mukasa
March 17, 2008

Koichi MUKASA Date

First Witness:

(Name)

(Date)

Kazuhisa SUEOKA March, 18, 2008
Kazuhisa SUEOKA Date

Second Witness:

(Name)

(Date)

First Witness:

(Name)

(Date)

Seiji Takeda March 19, 2008
Seiji TAKEDA Date

Second Witness:

(Name)

(Date)

First Witness:

(Name)

(Date)

Satoshi Hattori march 26
Satoshi HATTORI **Date** ²⁰⁰⁸

Second Witness:

(Name)

(Date)

First Witness:

(Name)

(Date)

Yoshiki Yamada March 18 2008
Yoshiki YAMADA **Date**

Second Witness:

(Name)

(Date)

First Witness:

(Name)

(Date)

Date

Second Witness:

(Name)

(Date)

First Witness:

(Name)

(Date)

Second Witness:

(Name)

(Date)


Makoto SAWAMURA

2008/03/28

 Mar/25/08
Hiroichi OZAKI Date