PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
|-----------------------|---|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the name of the ninth Assignor from Takashi ljima to Takashi lijima previously recorded on Reel 023176 Frame 0786. Assignor(s) hereby confirms the conveyance text of the original assignment. |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Tatsuo Furuta | 08/20/2009 |
| Kaoru Miura | 08/20/2009 |
| Kenichi Takeda | 08/20/2009 |
| Makoto Kubota | 08/20/2009 |
| Hiroshi Funakubo | 06/16/2009 |
| Masaki Azuma | 06/26/2009 |
| Nobuhiro Kumada | 07/10/2009 |
| Satoshi Wada | 07/09/2009 |
| Takashi lijima | 07/24/2009 |
| Soichiro Okamura | 07/31/2009 |

RECEIVING PARTY DATA

| Name: | CANON KABUSHIKI KAISHA | |
|-----------------|------------------------------------|--|
| Street Address: | 30-2, Shimomaruko 3-chome, Ohta-ku | |
| City: | Tokyo | |
| State/Country: | JAPAN | |

| Name: | Tokyo Institute of Technology | |
|-----------------|-------------------------------|--|
| Street Address: | 2-12-1, Ookayama, Meguro-ku | |
| City: | Tokyo | |
| State/Country: | JAPAN | |
| Postal Code: | 152-8500 | |

| Name: | Kyoto University | |
|-----------------|----------------------------------|--|
| Street Address: | 36-1, Yoshida-honmachi, Sakyo-ku | |
| City: | Kyoto-shi | |
| State/Country: | JAPAN | |
| Postal Code: | 606-8501 | |

PATENT 500959738 REEL: 023218 FRAME: 0072

| Name: | University of Yamanashi | |
|-----------------|-------------------------|--|
| Street Address: | 4-4-37, Takeda | |
| City: | Kofu-shi | |
| State/Country: | JAPAN | |
| Postal Code: | 400-8510 | |

| Name: | National Institute of Advanced Industrial Science and Technology | |
|-----------------|--|--|
| Street Address: | 3-1, Kasumigaseki 1-chome, Chiyoda-ku | |
| City: | Tokyo | |
| State/Country: | JAPAN | |
| Postal Code: | 100-8921 | |

| Name: | Tokyo University of Science Educational Foundation Administrative Organization | |
|-----------------|--|--|
| Street Address: | 1-3, Kagurazaka, Shinjuku-ku | |
| City: | Tokyo | |
| State/Country: | e/Country: JAPAN | |
| Postal Code: | 162-8601 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 12470699 | |

CORRESPONDENCE DATA

Fax Number: (212)218-2200

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 212-218-2100
Email: jokun@fchs.com

Correspondent Name: Fitzpatrick, Cella, Harper & Scinto

Address Line 1: 30 Rockefeller Plaza

Address Line 4: New York, NEW YORK 10112

| ATTORNEY DOCKET NUMBER: | 03500.166594. |
|-------------------------|---------------|
| NAME OF SUBMITTER: | Jason M. Okun |

Total Attachments: 7

source=CRDASSIGN03500166594USB100#page1.tif source=CRDASSIGN03500166594USB100#page2.tif source=CRDASSIGN03500166594USB100#page3.tif source=CRDASSIGN03500166594USB100#page4.tif source=CRDASSIGN03500166594USB100#page5.tif source=CRDASSIGN03500166594USB100#page6.tif

PATENT REEL: 023218 FRAME: 0073 source=CRDASSIGN03500166594USB100#page7.tif

PATENT REEL: 023218 FRAME: 0074



United States Patent and Trademark Office





Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Tatsuo Furuta | 08/20/2009 |
| Kaoru Miura | 08/20/2009 |
| Kenichi Takeda | 08/20/2009 |
| Makoto Kubota | 08/20/2009 |
| Hiroshi Funakubo | 06/16/2009 |
| Masaki Azuma | 06/26/2009 |
| Nobuhiro Kumada | 07/10/2009 |
| Satoshi Wada | 07/09/2009 |
| Takashi Ijima | 07/24/2009 |
| Soichiro Okamura | 07/31/2009 |

RECEIVING PARTY DATA

| Name: | CANON KABUSHIKI KAISHA | |
|-----------------|------------------------------------|--|
| Street Address: | 30-2, Shimomaruko 3-chome, Ohta-ku | |
| City: | Tokyo | |
| State/Country: | JAPAN | |

| Name: | Tokyo Institute of Technology | | |
|-----------------|-------------------------------|--|--|
| Street Address: | 2-12-1, Ookayama, Meguro-ku | | |
| City: | Tokyo | | |
| | | | |

 $mhtml: file: //G: \efiling \o 3500 Okabe \o 3500.166594 \o 8312009 \o EPAS_R \cite{Resign} \cite{R$

REEL: 023218 FRAME: 0075

| State/Country: | JAPAN | |
|----------------|----------|--|
| Postal Code: | 152-8500 | |

| Name: | Kyoto University | |
|-----------------|----------------------------------|--|
| Street Address: | 36-1, Yoshida-honmachi, Sakyo-ku | |
| City: | Kyoto-shi | |
| State/Country: | JAPAN | |
| Postal Code: | 606-8501 | |

| Name: | University of Yamanashi | |
|-----------------|-------------------------|--|
| Street Address: | 4-4-37, Takeda | |
| City: | Kofu-shi | |
| State/Country: | JAPAN | |
| Postal Code: | 400-8510 | |

| Name: | National Institute of Advanced Industrial Science and Technology | |
|-----------------|--|--|
| Street Address: | 3-1, Kasumigaseki 1-chome, Chiyoda-ku | |
| City: | Tokyo | |
| State/Country: | JAPAN | |
| Postal Code: | 100-8921 | |

| Name: | Tokyo University of Science Educational Foundation Administrative Organization | |
|-----------------|--|--|
| Street Address: | 1-3, Kagurazaka, Shinjuku-ku | |
| City: | Tokyo | |
| State/Country: | JAPAN | |
| Postal Code: | 162-8601 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12470699 |

CORRESPONDENCE DATA

Fax Number:

(212)218-2200

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: Email: 212-218-2100 jokun@fchs.com

Correspondent Name:

Fitzpatrick, Cella, Harper & Scinto

Address Line 1:

30 Rockefeller Plaza

Address Line 4:

New York, NEW YORK 10112

ATTORNEY DOCKET

REEL: 023218 FRAME: 0076

| NUMBER: | 03500.166594. | |
|--|----------------|--|
| NAME OF SUBMITTER: | Jason M. Okun | |
| Signature: | /Jason M.Okun/ | |
| Date: | 09/01/2009 | |
| Total Attachments: 4 source=ASSIGN03500166594#page1.tif source=ASSIGN03500166594#page2.tif source=ASSIGN03500166594#page3.tif source=ASSIGN03500166594#page4.tif | | |
| RECEIPT INFORMATION | | |
| EPAS ID: PAT97077 Receipt Date: 09/01/2009 Fee Amount: \$40 | · | |

Return to home page Start another assignment from the same template

| .HOME | INDEX | SEARCH | eBUSINESS | CONTACT US | PRIVACY STATEMENT

ASSIGNMENT

FOR VALUE RECEIVED, WE Tatsuo Furuta, Kaoru Miura, Kenichi Takeda, Jun Makoto Kubota, Hiroshi Funakubo, Masaki Azuma, Nobuhiro Kumada, Satoshi Wada, Takashi Iijima and Soichiro Okamura

citizens of Japan

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA a corporation of Japan

having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan its successors, assigns and legal representatives,

unto TOKYO INSTITUTE OF TECHNOLOGY

a corporation of Japan

having a place of business at 2-12-1, Ookayama, Meguro-ku, Tokyo 152-8500 Japan, its successors, assigns and legal representatives,

unto KYOTO UNIVERSITY

a corporation of Japan

having a place of business at 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501 Japan,

its successors, assigns and legal representatives,

unto UNIVERSITY OF YAMANASHI

a corporation of Japan

having a place of business at 4-4-37, Takeda, Kofu-shi, Yamanashi 400-8510 Japan, its successors, assigns and legal representatives,

unto NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY

a corporation of Japan

having a place of business at 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 Japan,

its successors, assigns and legal representatives,

and unto TOKYO UNIVERSITY OF SCIENCE EDUCATIONAL FOUNDATION ADMINISTRATIVE ORGANIZATION

a corporation of Japan

having a place of business at 1-3, Kagurazaka, Shinjuku-ku, Tokyo 162-8601 Japan, its successors, assigns and legal representatives (hereinafter called the "Assignees"), the entire right, title, and interest, for all countries, in and to certain inventions relating to

Page 1 of 4

PATENT
REEL: 023218 FRAME: 0078

METAL OXIDE, PIEZOELECTRIC MATERIAL AND PIEZOELECTRIC ELEMENT

and described in an application for Letters Patent of the United States executed by us, and filed on May 22, 2009 as Application No. 12/470,699, and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignces or to such nominees as they may designate.

said fractions being as follows:

Tatsuo Furuta sells, assigns, transfers and conveys 8/13 of his entire right, title and interest to Canon Kabushiki Kaisha, 1/13 to Tokyo Institute of Technology, 1/13 to Kyoto University, 1/13 to University of Yamanashi, 1/13 to National Institute of Advanced Industrial Science and Technology, and 1/13 to Tokyo University of Science Educational Foundation Administrative Organization;

Kaoru Miura sells, assigns, transfers and conveys 8/13 of his entire right, title and interest to Canon Kabushiki Kaisha, 1/13 to Tokyo Institute of Technology, 1/13 to Kyoto University, 1/13 to University of Yamanashi, 1/13 to National Institute of Advanced Industrial Science and Technology, and 1/13 to Tokyo University of Science Educational Foundation Administrative Organization;

Kenichi Takeda sells, assigns, transfers and conveys 8/13 of his entire right, title and interest to Canon Kabushiki Kaisha, 1/13 to Tokyo Institute of Technology, 1/13 to Kyoto University, 1/13 to University of Yamanashi, 1/13 to National Institute of Advanced Industrial Science and Technology, and 1/13 to Tokyo University of Science Educational Foundation Administrative Organization;

Kubota sells, assigns, transfers and conveys 8/13 of his entire right, title and interest to Canon Kabushiki Kaisha, 1/13 to Tokyo Institute of Technology, 1/13 to Kyoto University, 1/13 to University of Yamanashi, 1/13 to National Institute of Advanced Industrial Science and Technology, and 1/13 to Tokyo University of Science Educational Foundation Administrative Organization;

Hiroshi Funakubo sells, assigns, transfers and conveys 8/13 of his entire right, title and interest to Canon Kabushiki Kaisha, 1/13 to Tokyo Institute of Technology, 1/13 to Kyoto University, 1/13 to University of Yamanashi, 1/13 to National Institute of Advanced Industrial Science and Technology, and 1/13 to Tokyo University of Science Educational Foundation Administrative Organization;

Masaki Azuma sells, assigns, transfers and conveys 8/13 of his entire right, title and interest to Canon Kabushiki Kaisha, 1/13 to Tokyo Institute of Technology, 1/13 to Kyoto University, 1/13 to University of Yamanashi, 1/13 to National Institute of Advanced Industrial Science and Technology, and 1/13 to Tokyo University of Science Educational Foundation Administrative Organization;

Nobuhiro Kumada sells, assigns, transfers and conveys 8/13 of his entire right, title and interest to Canon Kabushiki Kaisha, 1/13 to Tokyo Institute of Technology, 1/13 to Kyoto University, 1/13 to University of Yamanashi, 1/13 to National Institute of Advanced Industrial Science and Technology, and 1/13 to Tokyo University of Science Educational Foundation Administrative Organization;

Satoshi Wada sells, assigns, transfers and conveys 8/13 of his entire right, title and interest to Canon Kabushiki Kaisha, 1/13 to Tokyo Institute of Technology, 1/13 to Kyoto University, 1/13 to University of Yamanashi, 1/13 to National Institute of Advanced Industrial Science and Technology, and 1/13 to Tokyo University of Science Educational Foundation Administrative Organization;

Takashi Iijima sells, assigns, transfers and conveys 8/13 of his entire right, title and interest to Canon Kabushiki Kaisha, 1/13 to Tokyo Institute of Technology, 1/13 to Kyoto University, 1/13 to University of Yamanashi, 1/13 to National Institute of Advanced Industrial Science and Technology, and 1/13 to Tokyo University of Science Educational Foundation Administrative Organization;, and

Soichiro Okamura sells, assigns, transfers and conveys 8/13 of his entire right, title and interest to Canon Kabushiki Kaisha, 1/13 to Tokyo Institute of Technology, 1/13 to Kyoto University, 1/13 to University of Yamanashi, 1/13 to National Institute of Advanced Industrial Science and Technology, and 1/13 to Tokyo University of Science Educational Foundation Administrative Organization;

AND we authorize and empower the said Assignees or nominees to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by them, the benefit of the right of priority provided by the international Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and more particularly in proof of the right of the said Assignees or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignees or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignees or nominees in obtaining, maintaining, and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

| By: Tatsuo Funda Tatsuo Furuta | Date: 20. August, 2009 |
|--|------------------------|
| ву: <u>Каочи Минча</u> Kaoru Miura | Date: 20, August, 2009 |
| By: Kenichi Takeda Kenichi Takeda | Date: 20, August, 2009 |
| By: Makoto Kubota Jun Kubota Makoto | Date: 20, August, 2007 |

Page 3 of 4

10066594US01

| By: North Tandrello Hiroshi Funakubo | Date: 16. June, 2009 |
|--------------------------------------|----------------------|
| By: Masaki Azuma | Date: 26. June, 2009 |
| By: Nobulive Kimoda Nobuhiro Kumada | Date: 10 July 2009 |
| By: Satoshi Wada | 9, July, 7009 Date: |
| By: Jakashi Iijima | Date: 24. July, 2009 |
| By: Soichir Okamura | Date: 31, July, 2009 |

RECORDED: 09/11/2009