

A/D 581.42

JAP01Boc 05 MAR 2010

Mail Stop:  
Assignment Recordation Services  
Director of the U.S. Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450

03-10-2010



103591279

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

12/733533

Attorney Docket No. 144104

Please record the attached original document or copy thereof.

3-5-10

1. A. Name of conveying parties:

1. Junji FUKUDA
2. Hiroaki SUZUKI
3. Kentaro OKAMURA
4. Masatoshi HASHIMOTO
5. Takahisa ANADA
6. Hideki KURAMITSU
7. Go TAZAKI

B. Additional names of conveying parties attached?  
 Yes  No

2. A. Name and address of receiving parties:

1. UNIVERSITY OF TSUKUBA  
1-1-1, TENNODAI  
TSUKUBA-SHI, IBARAKI  
305-8577 JAPAN
2. KURARAY CO., LTD.  
1621, SAKAZU  
KURASHIKI-SHI, OKAYAMA  
710-0801 JAPAN

B. Additional names & addresses attached?  
 Yes  No

3. A. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

B. Execution Date: 1.: February 12, 2010;  
2.: February 22, 2010; 3.: February 20, 2010;  
4.: February 17, 2010; 5.: February 25, 2010;  
6.: February 25, 2010; 7.: February 19, 2010

4.  This document is being filed together with a new application.

A. Patent Application No.(s) \_\_\_\_\_ B. Patent No.(s) \_\_\_\_\_  
Additional numbers attached?  Yes  No

C. Title of Application: ELECTROCHEMICAL SENSOR DEVICE AND ELECTROCHEMICAL MEASURING METHOD USING THE SAME

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

Name: James A. Oliff

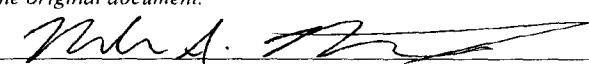
Address: OLIFF & BERRIDGE, PLC  
P.O. Box 320850  
Alexandria, VA 22320-4850

6. Total number of applications and patents involved: 1

7. A. Total fee (37 CFR 3.41).....\$ 40.00  
B. Enclosed (Check No. 227103)

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

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 and correct copy of the original document.

  
James A. Oliff, Registration No. 27,075  
Nicolas A. Brentlinger, Registration No. 62,211

Date: March 5, 2010

03/09/2010 MJAMA1 00000041 12733533

Total number of pages including cover sheet, attachments, and document: 5

ASSIGNMENT

12/733533

- (1-8) Insert Name(s) of Inventor(s)
  - (1) Junji FUKUDA
  - (2) Hiroaki SUZUKI
  - (3) Kentaro OKAMURA
  - (4) Masatoshi HASHIMOTO
  - (5) Takahisa ANA
  - (6) Hideki KURAMITSU
  - (7) Go TAZAKI
  - (8) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

- (9A) Insert Name of Assignee
- (9B) Insert Address of Assignee
- (9B) Insert Name of Second Assignee
- (10B) Insert Address of Second Assignee
- (9) UNIVERSITY OF TSUKUBA
- (10) 1-1-1, Tennodai, Tsukuba-shi, Ibaraki 305-8577 Japan
- (9B) KURARAY CO., LTD.
- (10B) 1621, Sakazu, Kurashiki-shi, Okayama 710-0801 Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

- (11) Insert Identification such as Title, Case Number, or Foreign Application Number
  - (11) ELECTROCHEMICAL SENSOR DEVICE AND ELECTROCHEMICAL MEASURING METHOD USING THE SAME

(Attorney Docket No. 144104)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

- (12) Insert Date of Signing of Application
  - (12) on \_\_\_\_\_

- (13) Alternative Identification for filed applications
  - (13) U.S. application Serial Number March 5, 2010

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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

Date	<u>Feb. 12, 2010</u>	Inventor Signature	<u>Junji Fukuda</u>	(SEAL)
Date	<u>Feb. 22, 2010</u>	Inventor Signature	<u>Hiroaki Suzuki</u>	(SEAL)
Date	<u>Feb. 20, 2010</u>	Inventor Signature	<u>Kentaro Okamura</u>	(SEAL)
Date	<u>Feb. 17, 2010</u>	Inventor Signature	<u>Masatoshi Hashimoto</u>	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A.

If neither, then it should be signed before at least two witnesses who also sign here:

Date	_____	Witness	_____
Date	_____	Witness	_____

**ASSIGNMENT**

- |                                     |                                |                             |
|-------------------------------------|--------------------------------|-----------------------------|
| (1-8) Insert Name(s) of Inventor(s) | (1) <u>Junji FUKUDA</u>        | (5) <u>Takahisa ANADA</u>   |
|                                     | (2) <u>Hiroaki SUZUKI</u>      | (6) <u>Hideki KURAMITSU</u> |
|                                     | (3) <u>Kentaro OKAMURA</u>     | (7) <u>Go TAZAKI</u>        |
|                                     | (4) <u>Masatoshi HASHIMOTO</u> | (8) _____                   |

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

- |   |  |
|---|--|
| (9A) Insert Name of Assignee            | (9) <u>UNIVERSITY OF TSUKUBA</u>                                 |
| (10B) Insert Address of Assignee        | (10) <u>1-1-1, Tennodai, Tsukuba-shi, Ibaraki 305-8577 Japan</u> |
| (9B) Insert Name of Second Assignee     | (9B) <u>KURARAY CO., LTD.</u>                                    |
| (10B) Insert Address of Second Assignee | (10B) <u>1621, Sakazu, Kurashiki-shi, Okayama 710-0801 Japan</u> |

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

- |  |   |
|--|---|
| (11) Insert Identification such as Title, Case Number, or Foreign Application Number | (11) <u>ELECTROCHEMICAL SENSOR DEVICE AND ELECTROCHEMICAL MEASURING METHOD USING THE SAME</u> |
|  | (Attorney Docket No. <u>144104</u> )  |

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

- |  |  |
|--|--|
| (12) Insert Date of Signing of Application             | (12) _____ on _____  |
| (13) Alternative Identification for filed applications | (13) U.S. application Serial Number _____ filed <u>March 5, 2010</u> |

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of **OLIFF & BERRIDGE, PLC** the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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

Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date <u>February 25, 2010</u>	Inventor Signature <u>Takahisa Anada</u>	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date _____	Witness _____
Date _____	Witness _____

ASSIGNMENT

IAP01 Rec'd PGT 05 MAR 2010

12/733533

- (1-8) Insert Name(s) of Inventor(s)
  - (1) Junji FUKUDA
  - (2) Hiroaki SUZUKI
  - (3) Kentaro OKAMURA
  - (4) Masatoshi HASHIMOTO
  - (5) Takahisa ANADA
  - (6) Hideki KURAMITSU
  - (7) Go TAZAKI
  - (8) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

- (9A) Insert Name of Assignee
- (9B) Insert Address of Assignee
- (9B) Insert Name of Second Assignee
- (10B) Insert Address of Second Assignee
- (9) UNIVERSITY OF TSUKUBA
- (10) 1-1-1, Tennodai, Tsukuba-shi, Ibaraki 305-8577 Japan
- (9B) KURARAY CO., LTD.
- (10B) 1621, Sakazu, Kurashiki-shi, Okayama 710-0801 Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

- (11) Insert Identification such as Title, Case Number, or Foreign Application Number
- (11) ELECTROCHEMICAL SENSOR DEVICE AND ELECTROCHEMICAL MEASURING METHOD USING THE SAME
- (Attorney Docket No. 144104)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

- (12) Insert Date of Signing of Application
- (13) Alternative Identification for filed applications
- (12) on \_\_\_\_\_
- (13) U.S. application Serial Number March 5, 2010

1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of **OLIFF & BERRIDGE, PLC** the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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

Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date <u>February 25, 2010</u>	Inventor Signature <u>Hideki Kuramitsu</u>	(SEAL)
Date _____	Inventor Signature _____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date _____	Witness _____
Date _____	Witness _____

ASSIGNMENT

- (1-8) Insert Name(s) of Inventor(s)
- (1) Junji FUKUDA
  - (2) Hiroaki SUZUKI
  - (3) Kentaro OKAMURA
  - (4) Masatoshi HASHIMOTO
  - (5) Takahisa ANADA
  - (6) Hideki KURAMITSU
  - (7) Go TAZAKI
  - (8) \_\_\_\_\_

12/733533

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

- (9A) Insert Name of Assignee
- (9) UNIVERSITY OF TSUKUBA
- (10B) Insert Address of Assignee
- (10) 1-1-1, Tennodai, Tsukuba-shi, Ibaraki 305-8577 Japan
- (9B) Insert Name of Second Assignee
- (9B) KURARAY CO., LTD.
- (10B) Insert Address of Second Assignee
- (10B) 1621, Sakazu, Kurashiki-shi, Okayama 710-0801 Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

- (11) Insert Identification such as Title, Case Number, or Foreign Application Number
- (11) ELECTROCHEMICAL SENSOR DEVICE AND ELECTROCHEMICAL MEASURING METHOD USING THE SAME
- (Attorney Docket No. 144104)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

- (12) Insert Date of Signing of Application
- (12) on \_\_\_\_\_

- (13) Alternative Identification for filed applications
- (13) U.S. application Serial Number March 5, 2010

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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

Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date <u>February 19, 2010</u>	Inventor Signature <u>Go Tazaki</u>	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A.

If neither, then it should be signed before at least two witnesses who also sign here:

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_

ASSIGNMENT

(I-8) Insert Name(s) of Inventor(s)

(1) Junji FUKUDA	(5) Takahisa ANADA
(2) Hiroaki SUZUKI	(6) Hideki KURAMITSU
(3) Kentaro OKAMURA	(7) Go TAZAKI
(4) Masatoshi HASHIMOTO	(8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A) Insert Name of Assignee (9) UNIVERSITY OF TSUKUBA

(10B) Insert Address of Assignee (10) 1-1-1, Tennodai, Tsukuba-shi, Ibaraki 305-8577 Japan

(9B) Insert Name of Second Assignee (9B) KURARAY CO., LTD.

(10B) Insert Address of Second Assignee (10B) 1621, Sakazu, Kurashiki-shi, Okayama 710-0801 Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number (11) ELECTROCHEMICAL SENSOR DEVICE AND ELECTROCHEMICAL MEASURING METHOD USING THE SAME

(Attorney Docket No. 144104)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of Application (12) on

(13) Alternative Identification for filed applications (13) U.S. application Serial Number filed March 5, 2010

- Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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

Date	<u>Feb. 12, 2010</u>	Inventor Signature	<u>Junji Fukuda</u>	(SEAL)
Date	<u>Feb. 22, 2010</u>	Inventor Signature	<u>Hiroaki Suzuki</u>	(SEAL)
Date	<u>Feb. 20, 2010</u>	Inventor Signature	<u>Kentaro Okamura</u>	(SEAL)
Date	<u>Feb 17, 2010</u>	Inventor Signature	<u>Masatoshi Hashimoto</u>	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date \_\_\_\_\_ Witness \_\_\_\_\_

Date \_\_\_\_\_ Witness \_\_\_\_\_

ASSIGNMENT

- |       |                               |                                |                             |
|-------|-------------------------------|--------------------------------|-----------------------------|
| (1-8) | Insert Name(s) of Inventor(s) | (1) <u>Junji FUKUDA</u>        | (5) <u>Takahisa ANADA</u>   |
|       |                               | (2) <u>Hiroaki SUZUKI</u>      | (6) <u>Hideki KURAMITSU</u> |
|       |                               | (3) <u>Kentaro OKAMURA</u>     | (7) <u>Go TAZAKI</u>        |
|       |                               | (4) <u>Masatoshi HASHIMOTO</u> | (8) _____                   |

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

- |       |                                   |  |
|-------|-----------------------------------|--|
| (9A)  | Insert Name of Assignee           | (9) <u>UNIVERSITY OF TSUKUBA</u>                                 |
| (10B) | Insert Address of Assignee        | (10) <u>1-1-1, Tennodai, Tsukuba-shi, Ibaraki 305-8577 Japan</u> |
| (9B)  | Insert Name of Second Assignee    | (9B) <u>KURARAY CO., LTD.</u>                                    |
| (10B) | Insert Address of Second Assignee | (10B) <u>1621, Sakazu, Kurashiki-shi, Okayama 710-0801 Japan</u> |

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

- |      |   |   |
|------|---|---|
| (11) | Insert Identification such as Title, Case Number, or Foreign Application Number | (11) <u>ELECTROCHEMICAL SENSOR DEVICE AND ELECTROCHEMICAL MEASURING METHOD USING THE SAME</u> |
|      |   | (Attorney Docket No. <u>144104</u> )  |

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

- |      |   |  |
|------|---|--|
| (12) | Insert Date of Signing of Application             | (12) _____ on _____  |
| (13) | Alternative Identification for filed applications | (13) U.S. application Serial Number _____ filed <u>March 5, 2010</u> |

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of **OLIFF & BERRIDGE, PLC** the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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

Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date <u>February 25, 2010</u>	Inventor Signature <u>Takahisa Anada</u>	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date _____	Witness _____
Date _____	Witness _____

ASSIGNMENT

12/733533

- (1-8) Insert Name(s) of Inventor(s)
- (1) Junji FUKUDA
- (2) Hiroaki SUZUKI
- (3) Kentaro OKAMURA
- (4) Masatoshi HASHIMOTO
- (5) Takahisa ANADA
- (6) Hideki KURAMITSU
- (7) Go TAZAKI
- (8) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

- (9A) Insert Name of Assignee
- (9) UNIVERSITY OF TSUKUBA
- (10B) Insert Address of Assignee
- (10) 1-1-1, Tennodai, Tsukuba-shi, Ibaraki 305-8577 Japan
- (9B) Insert Name of Second Assignee
- (9B) KURARAY CO., LTD.
- (10B) Insert Address of Second Assignee
- (10B) 1621, Sakazu, Kurashiki-shi, Okayama 710-0801 Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

- (11) Insert Identification such as Title, Case Number, or Foreign Application Number
- (11) ELECTROCHEMICAL SENSOR DEVICE AND ELECTROCHEMICAL MEASURING METHOD USING THE SAME
- (Attorney Docket No. 144104)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

- (12) Insert Date of Signing of Application
- (12) on \_\_\_\_\_

- (13) Alternative Identification for filed applications
- (13) U.S. application Serial Number \_\_\_\_\_
- filed March 5, 2010

1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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

Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date <u>February 25, 2010</u>	Inventor Signature <u>Hideki Kuramitsu</u>	(SEAL)
Date _____	Inventor Signature _____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date _____	Witness _____
Date _____	Witness _____



ASSIGNMENT

12/733533

- (1-8) Insert Name(s) of Inventor(s)
  - (1) Junji FUKUDA
  - (2) Hiroaki SUZUKI
  - (3) Kentaro OKAMURA
  - (4) Masatoshi HASHIMOTO
  - (5) Takahisa ANADA
  - (6) Hideki KURAMITSU
  - (7) Go TAZAKI
  - (8) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

- (9A) Insert Name of Assignee (9) UNIVERSITY OF TSUKUBA
- (10B) Insert Address of Assignee (10) 1-1-1, Tennodai, Tsukuba-shi, Ibaraki 305-8577 Japan
- (9B) Insert Name of Second Assignee (9B) KURARAY CO., LTD.
- (10B) Insert Address of Second Assignee (10B) 1621, Sakazu, Kurashiki-shi, Okayama 710-0801 Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

- (11) Insert Identification such as Title, Case Number, or Foreign Application Number (11) ELECTROCHEMICAL SENSOR DEVICE AND ELECTROCHEMICAL MEASURING METHOD USING THE SAME

(Attorney Docket No. 144104)  
for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

- (12) Insert Date of Signing of Application (12) \_\_\_\_\_ on \_\_\_\_\_
- (13) Alternative Identification for filed applications (13) U.S. application Serial Number \_\_\_\_\_ filed March 5, 2010

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of **OLIFF & BERRIDGE, PLC** the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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

Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date _____	Inventor Signature _____	(SEAL)
Date <u>February 19, 2010</u>	Inventor Signature <u>Go Tazaki</u>	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date _____	Witness _____
Date _____	Witness _____

PATENT