Electronic Version v1.1

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PART	Υ DATA			
		Name	Execution Date	
Moriyasu ICHINO			09/29/2008	
Toshifumi HOSOYA			09/29/2008	
Shingo KAIMORI			09/29/2008	
Takahiko KITAMURA			09/29/2008	
RECEIVING PARTY	/ DATA			
Name:	SUMITOMO	SUMITOMO ELECTRIC INDUSTRIES, LTD.		
Street Address:	5-33, Kitahan	na 4-chome, Chuo-ku, Osaka-shi		
City:	Osaka			
State/Country:	JAPAN			
Postal Code:	541-0041			
PROPERTY NUMBI				
	ERS Total: 1	Number 12280721		
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PROPERTY NUMBI Property Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wit</i> Phone: Email: Correspondent Nam	ERS Total: 1 Type r: CE DATA (703)710 (703)710 (703)710 (703)71 gbpaten ne: GREEN 1950 Ro	12280721 6-1180 <i>Mail when the fax attempt is unsuccessful.</i> 6-1191 t@gbpatent.com BLUM & BERNSTEIN, P.L.C.		
PROPERTY NUMBI Property Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi</i> Phone: Email: Correspondent Nam Address Line 1:	ERS Total: 1 Type Type CE DATA (703)710 (703)710 (703)710 (703)71 gbpaten ne: GREEN 1950 Ro Reston,	12280721 5-1180 <i>Mail when the fax attempt is unsuccessful.</i> 6-1191 t@gbpatent.com BLUM & BERNSTEIN, P.L.C. bland Clarke Place		
PROPERTY NUMBI Property Application Numbe CORRESPONDENC Fax Number: <i>Correspondence wi</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 4:	ERS Total: 1 Type r: CE DATA (703)710 (703)710 (703)711 gbpaten ne: GREEN 1950 Ro Reston, ET NUMBER:	12280721 6-1180 <i>Mail when the fax attempt is unsuccessful.</i> 6-1191 t@gbpatent.com BLUM & BERNSTEIN, P.L.C. bland Clarke Place VIRGINIA 20191		

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Page 1

<u>ASSIGNMENT</u>

WHEREAS, *<u>Morivasu ICHINO</u>*, a citizen of *<u>Japan</u>*, whose post office address is *<u>c/o Osaka Works of Sumitomo Electric Industries, Ltd. 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, 554-0024 Japan</u>*, *Toshifumi HOSOYA*, a citizen of *<u>Japan</u>*, whose post office address is *<u>c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, 554-0024 Japan</u>*, *<u>Shingo KAIMORI</u>*, a citizen of *<u>Japan</u>*, whose post office address is *<u>c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka, 554-0024 Japan</u>*, whose post office address is *<u>c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, 554-0024 Japan</u>*, whose post office address is *<u>c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, 554-0024 Japan</u>*, whose post office address is *<u>c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, 554-0024 Japan</u>*, whose post office address is *<u>c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, 554-0024 Japan</u>*, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

BIOSENSOR CHIP, BIOSENSOR SYSTEM AND MEASURING INSTRUMENT * THEREOF

for which they have jointly executed, on the same date as this assignment, an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29.027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Rovlance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043, Andrew M. Calderon, Reg. No. 38,093 and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in Application No. PCT/JP2007/053678, filed parenthesis (PCT International February 27, 2007) the filing date and application number of said application when known.

AND WHEREAS, *<u>SUMITOMO ELECTRIC INDUSTRIES, LTD.</u>*, a corporation organized and existing under the laws of the State of *<u>Japan</u>*, whose post-office address is *<u>5-33</u>, <u>Kitahama 4-chome</u>, <u>Chuo-ku</u>, <u>Osaka-shi</u>, <u>Osaka</u>, <u>541-0041</u>, <u>Japan</u>*, hereinafter known as the ASSIGNEE, 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 ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said

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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, said ASSIGNEE 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 ASSIGNEE 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 ASSIGNEE, 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 ASSIGNEE, its assigns and legal representatives, in accordance herewith.

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IN TESTIMONY WHEREOF, this assignment is executed by *Moriyasu ICHINO*, this ^{29th} day of September 2008, at (address) <u>c/o Osaka Works of</u> <u>Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi,</u> <u>Osaka, 554-0024 Japan</u>.

First Witness:

(Name)

(Date)

nonimu Ichino Moriyašu ICHINO'

Second Witness:

(Name)

(Date)

Page 4

IN TESTIMONY WHEREOF, this assignment is executed by *Toshifumi HOSOYA*, this <u>29th</u> day of <u>September</u> 2008, at (address) <u>c/o Osaka Works of <u>Sumitomo Electric Industries</u>, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi.</u> <u>Osaka, 554-0024 Japan</u>.

First Witness:

(Name)

(Date)

Toshifum' Hranger * Toshifumi HOSOYA *

;

Second Witness:

(Name)

(Date)

;

Page 5

IN TESTIMONY WHEREOF, this assignment is executed by *Shingo KAIMORI*, this 29th day of September 2008, at (address) c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, 554-0024 Japan.

First Witness:

(Name)

(Date)

Shingo Kainovi * Shingo KAIMORI *

Second Witness:

(Name)

(Date)

٤. ç

Page 6

IN TESTIMONY WHEREOF, this assignment is executed by *Takahiko KITAMURA*, this 29th day of September 2008, at (address) c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka, 554-0024 Japan.

First Witness:

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(Name)

(Date)

Jakahiko Kitamuna * Takahiko KITAMURA *

Second Witness:

;

(Name)

(Date)

PATENT REEL: 021646 FRAME: 0019

RECORDED: 10/08/2008