

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT						
NATURE OF CONVEYANCE:	Corrective Assignment to correct the wrong assignee name "Panasonic Corporation" and "Monell Chemical Senses Center", wrong date signed of both inventors previously recorded on Reel 025332 Frame 0186. Assignor(s) hereby confirms the correct assignee name "Panasonic" correct date signed of Yuki SUGIBAYASHI, 1.19,2011 and Yosuke HANAI, 1.18,2011.						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yuki SUGIBAYASHI</td> <td>01/19/2011</td> </tr> <tr> <td>Yosuke HANAI</td> <td>01/18/2011</td> </tr> </tbody> </table>		Name	Execution Date	Yuki SUGIBAYASHI	01/19/2011	Yosuke HANAI	01/18/2011
Name	Execution Date						
Yuki SUGIBAYASHI	01/19/2011						
Yosuke HANAI	01/18/2011						
RECEIVING PARTY DATA							
Name:	Panasonic Corporation						
Street Address:	1006 Oaza Kadoma, Kadoma-shi						
City:	Osaka						
State/Country:	JAPAN						
Postal Code:	571-8501						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12765267</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12765267		
Property Type	Number						
Application Number:	12765267						
CORRESPONDENCE DATA							
Fax Number:	(202)912-0774						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	2029123800						
Email:	ppc@us.panasonic.com						
Correspondent Name:	Yoshinobu Idogawa						
Address Line 1:	1130 Connecticut Ave., N.W., Suite 1100						
Address Line 2:	Panasonic Patent Center						
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20036						
ATTORNEY DOCKET NUMBER:	P56273-01						
NAME OF SUBMITTER:	Hiroo MAEDA						

CH \$40.00 12765267

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PATENT
REEL: 025703 FRAME: 0917

Total Attachments: 5

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PATENT ASSIGNMENT

Electronic Version v1.1
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**11/08/2010
 501345286**

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yuki SUGIBAYASHI	04/17/2010 01/19/ 2011
Yosuke HANAI	04/16/2010 01/18/ 2011
RECEIVING PARTY DATA	
Name:	Panasonic Corporation
Street Address:	1008 Oaza Kadoma, Kadoma-shi
City:	Osaka
State/Country:	JAPAN
Postal Code:	571-8501
Name:	Monell Chemical Senses Center
Street Address:	3500 Market St.
City:	Philadelphia
State/Country:	PENNSYLVANIA
Postal Code:	19104-3308
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12765267
CORRESPONDENCE DATA	
Fax Number:	(202)912-0774
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	2029123800
Email:	ppc@us.panasonic.com
Correspondent Name:	Yoshinobu Idogawa
Address Line 1:	1130 Connecticut Ave., N.W., Suite 1100
Address Line 2:	Panasonic Patent Center
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20036

CH \$40.00 12765267

USPTO

12/18/2010 11:25:50 AM PAGE 5/005 Fax Server

TO: YOSHINOBU IDOGAWA COMPANY: 1130 CONNECTICUT AVE., N.W., SUITE 1100

NAME OF SUBMITTER:

Hiroo MAEDA

Total Attachments: 1

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PATENT

REEL: 025703 FRAME: 0920

Panasonic Ref*: P056273-01
 Japan Firm Name: ARCO
 US Firm Name*: MWE
 (* must be filled)

Application Serial No. 12/765267
 Japan Firm Ref: 09P089US-1/SND
 US Firm Ref: 061352-0322

ASSIGNMENT

WHEREAS, the undersigned has (have) invented the invention entitled:

Box 1		
Title of Invention: A METHOD FOR DETERMINING WHETHER OR NOT A MAMMAL IS AFFECTED WITH A LUNG CANCER		
1. For use when signing Declaration prior to filing U.S. patent application (check only one box below)		
(a) <input type="checkbox"/> for which an application for U.S. patent has been executed by the undersigned concurrently herewith, or		
(b) <input checked="" type="checkbox"/> for which an application for U.S. patent has been executed on the following date(s): <u>April. 16, 2010 and April. 17, 2010</u> , or <small>(if Declaration & Assignment are signed on the same day, check (a) and make no entry in the blank; if the Declaration was signed before this Assignment, enter the date(s) on which you signed the Declaration)</small>		
(c) <input type="checkbox"/> for which an International Application has been filed as: <small>(for the PCT-US national entry, check only (c) and enter PCT application number in the right)</small>	PCT Application No.	and,
2. For use when signing Declaration after filing U.S. patent application		
(d) <input type="checkbox"/> for which an application for U.S. patent has been filed on:	Application Filing Date	and,

WHEREAS, Panasonic Corporation of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, JAPAN, and

its/their heirs, successors, legal representatives and assigns (hereinafter designated as "Assignee(s)") is/are 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.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and intended to be legally bound hereby, the undersigned, by these presents, does sell, assign and transfer unto said Assignee(s) the entire and exclusive right, title and interest in and to; (i) said invention in the United States of America, its territories, dependencies and possessions (hereinafter designated as the United States) and in all countries foreign to the United States; and (ii) this patent application and any and all related patent application(s) disclosing said invention, including provisionals, non-provisionals, conversions, divisions, continuations, continuations-in-part and reissues thereof in the United States and all countries foreign to the United States (hereinafter designated as "Related Applications"), along with all rights of priority created by this patent application under any treaty relating thereto; and (iii) any and all Letters Patent(s), including all renewals, extensions, reissues and reexamination certificates which may be granted therefore, and all rights to sue for past and future infringement thereunder, in the United States and in all countries foreign to the United States for the full term or terms thereof.

The undersigned agree(s) to execute all papers necessary in connection with this application and any and all Related Applications thereof, 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, all papers necessary in connection with any interference which may be declared concerning this application or any and all Related Applications thereof and to cooperate with the Assignee(s) in every way possible in obtaining and producing evidence and proceeding with such interference, and for any and all litigations regarding, or for the purpose of protecting the right, title and interest in and to said invention, this application and any and all Related Applications or Letters Patent(s) therefore, and to testify in any legal proceeding relating thereto and in support thereof, for the benefit of Assignee(s), and also to execute separate assignments in connection with such applications as the Assignee(s) may deem necessary or expedient.

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

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents, and officials of all foreign countries, whose duty is to issue patents, to issue any and all Letters Patent(s) resulting from said application or any and all Related Applications thereof to said Assignee(s) and hereby covenants that the undersigned has (have) full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed, and will not execute, any assignment, sale, agreement or encumbrances in conflict herewith.

The undersigned hereby does sell, assign and transfer unto said Assignee(s) the full and exclusive authority for revoking power of attorney(s) executed by the undersigned in connection with this application and for appointing a new power of attorney in place thereof. The undersigned hereby grant(s) the Assignee(s) and the appointed U.S. patent attorneys and agents 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 Office for recordation of this document.

The undersigned hereby agree(s) that the above obligations shall apply to the undersigned both individually and collectively.

The undersigned hereby agree(s) that this Assignment shall be construed in accordance with the law of the appropriate jurisdiction within the United States.

IN WITNESS WHEREOF, executed by the undersigned on the date(s) following the undersigned name(s) and signature(s).

Box2 (Each Inventor, please Sign and Date below)			
	(e) First Name, Last Name	(f) Signature	(g) Date signed <small>Month, Date, Year</small>
(1)	Yuki SUGIBAYASHI	Yuki Sugibayashi	January, 19, 2011 <small>Month, Date, Year</small>
(2)	Yosuke HANAI	Yosuke Hanai	January, 18, 2011 <small>Month, Date, Year</small>
(3)			<small>Month, Date, Year</small>
(4)			<small>Month, Date, Year</small>

Check if additional paper(s) is/are attached. Total of 1 pages are submitted.

P56273-01
12/16/2010
MWE



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 09, 2010

PTAS

YOSHINOBU IDOGAWA
1130 CONNECTICUT AVE., N.W., SUITE 1100
PANASONIC PATENT CENTER
WASHINGTON, DC 20036

XX
501345286

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 11/08/2010

REEL/FRAME: 025332/0186
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
SUGIBAYASHI, YUKI

DOC DATE: ~~04/17/2010~~ 01/19/2011

ASSIGNOR:
HANAI, YOSUKE

DOC DATE: ~~04/16/2010~~ 01/18/2011

ASSIGNEE:
PANASONIC CORPORATION
1006 OAZA KADOMA, KADOMA-SHI
OSAKA, JAPAN 571-8501

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TO: YOSHINOBU IDOGAWA COMPANY: 1130 CONNECTICUT AVE., N.W., SUITE 1100

025332/0186 PAGE 2

~~ASSIGNEE:~~

~~MONELL CHEMICAL SENSES CENTER
3500 MARKET ST.
PHILADELPHIA, PENNSYLVANIA 19104-
3308~~

APPLICATION NUMBER: 12765267

FILING DATE: 04/22/2010

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD FOR DETERMINING WHETHER OR NOT A MAMMAL IS AFFECTED
WITH A LUNG CANCER

MARY BENTON, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

PATENT

RECORDED: 01/27/2011

REEL: 025703 FRAME: 0923