

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT																				
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT																				
<b>CONVEYING PARTY DATA</b>																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>MASASHI SUZUKI</td><td>09/11/2009</td></tr> <tr><td>TORU IMAMURA</td><td>09/15/2009</td></tr> <tr><td>YURIKO UEHARA</td><td>09/11/2009</td></tr> <tr><td>KAORI MOTOMURA</td><td>09/15/2009</td></tr> <tr><td>JUNKO OKI</td><td>09/11/2009</td></tr> <tr><td>SYUICHI OKA</td><td>09/18/2009</td></tr> <tr><td>MASAHIRO ASADA</td><td>09/11/2009</td></tr> <tr><td>AKIKO KURAMOCHI</td><td>09/11/2009</td></tr> <tr><td>MIHO KIMURA</td><td>09/18/2009</td></tr> </tbody> </table>		Name	Execution Date	MASASHI SUZUKI	09/11/2009	TORU IMAMURA	09/15/2009	YURIKO UEHARA	09/11/2009	KAORI MOTOMURA	09/15/2009	JUNKO OKI	09/11/2009	SYUICHI OKA	09/18/2009	MASAHIRO ASADA	09/11/2009	AKIKO KURAMOCHI	09/11/2009	MIHO KIMURA	09/18/2009
Name	Execution Date																				
MASASHI SUZUKI	09/11/2009																				
TORU IMAMURA	09/15/2009																				
YURIKO UEHARA	09/11/2009																				
KAORI MOTOMURA	09/15/2009																				
JUNKO OKI	09/11/2009																				
SYUICHI OKA	09/18/2009																				
MASAHIRO ASADA	09/11/2009																				
AKIKO KURAMOCHI	09/11/2009																				
MIHO KIMURA	09/18/2009																				
<b>RECEIVING PARTY DATA</b>																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 20%;"><b>Name:</b></td><td>NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY</td></tr> <tr><td><b>Street Address:</b></td><td>3-1, KASUMIGASEKI 1-CHOME</td></tr> <tr><td><b>Internal Address:</b></td><td>CHIYODA-KU</td></tr> <tr><td><b>City:</b></td><td>TOKYO</td></tr> <tr><td><b>State/Country:</b></td><td>JAPAN</td></tr> <tr><td><b>Postal Code:</b></td><td>100-8921</td></tr> </table>		<b>Name:</b>	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	<b>Street Address:</b>	3-1, KASUMIGASEKI 1-CHOME	<b>Internal Address:</b>	CHIYODA-KU	<b>City:</b>	TOKYO	<b>State/Country:</b>	JAPAN	<b>Postal Code:</b>	100-8921								
<b>Name:</b>	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY																				
<b>Street Address:</b>	3-1, KASUMIGASEKI 1-CHOME																				
<b>Internal Address:</b>	CHIYODA-KU																				
<b>City:</b>	TOKYO																				
<b>State/Country:</b>	JAPAN																				
<b>Postal Code:</b>	100-8921																				
<b>PROPERTY NUMBERS Total: 1</b>																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td><b>Application Number:</b></td> <td>12594210</td> </tr> </tbody> </table>		Property Type	Number	<b>Application Number:</b>	12594210																
Property Type	Number																				
<b>Application Number:</b>	12594210																				
<b>CORRESPONDENCE DATA</b>																					
<p>Fax Number: (212)246-8959</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (212) 708-1902</p> <p>Email: LALESCI@LADAS.COM</p> <p>Correspondent Name: Laura Alesci</p> <p>Address Line 1: 26 WEST 61ST STREET</p>																					

CH \$40.00 12594210

**501031756**

**PATENT**  
**REEL: 023603 FRAME: 0683**

Address Line 4: NEW YORK, NEW YORK 10023

ATTORNEY DOCKET NUMBER:

U 017847-1

NAME OF SUBMITTER:

JOHN RICHARDS

Total Attachments: 4

source=017847-1.2009-12-4.FL-IR5570-Exchange-12042009-084359#page1.tif

source=017847-1.2009-12-4.FL-IR5570-Exchange-12042009-084359#page2.tif

source=017847-1.2009-12-4.FL-IR5570-Exchange-12042009-084359#page3.tif

source=017847-1.2009-12-4.FL-IR5570-Exchange-12042009-084359#page4.tif

Practitioner's Docket No. \_\_\_\_\_

PATENT

For: ☐ U.S. and/or ☐ Foreign Rights  
For: ☒ U.S. Application or  
☐ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☐ PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**

Masashi SUZUKI

*(type or print name of inventors)*

c/o National Institute of Advanced Industrial

Science and Technology, Tsukuba Central 6

1-1, Higashi 1-Chome, Tsukuba-shi,

Ibaraki 305-8566 Japan

Address Japanese

Nationality

Toru IMAMURA

c/o National Institute of Advanced Industrial

Science and Technology, Tsukuba Central 6

1-1, Higashi 1-Chome, Tsukuba-shi,

Ibaraki 305-8566 Japan

Address Japanese

Nationality

Yuriko UEHARA

c/o National Institute of Advanced Industrial

Science and Technology, Tsukuba Central 6

1-1, Higashi 1-Chome, Tsukuba-shi,

Ibaraki 305-8566 Japan

Address Japanese

Nationality

Kaori MOTOMURA

c/o National Institute of Advanced Industrial

Science and Technology, Tsukuba Central 6

1-1, Higashi 1-Chome, Tsukuba-shi,

Ibaraki 305-8566 Japan

Address Japanese

Nationality

Junko OKI

c/o National Institute of Advanced Industrial

Science and Technology, Tsukuba Central 6

1-1, Higashi 1-Chome, Tsukuba-shi,

Ibaraki 305-8566 Japan

Address Japanese

Nationality

Added page(s) for signature by subsequent inventors. Number of pages added

PATENT  
REEL: 023603 FRAME: 0685

ADDED PAGE TO ASSIGNMENT FOR SIGNATURE BY SUBSEQUENT INVENTORS

ASSIGNORS (Inventors):

<u>Syuichi OKA</u> <i>(type or print name of inventors)</i>	<u>c/o National Institute of Advanced Industrial</u> <u>Science and Technology, Tsukuba Central 6</u> <u>1-1, Higashi 1-Chome, Tsukuba-shi,</u> <u>Ibaraki 305-8566 Japan</u> <u>Address</u> <u>Japanese</u> <u>Nationality</u>
<u>Masahiro ASADA</u>	<u>c/o National Institute of Advanced Industrial</u> <u>Science and Technology, Tsukuba Central 6</u> <u>1-1, Higashi 1-Chome, Tsukuba-shi,</u> <u>Ibaraki 305-8566 Japan</u> <u>Address</u> <u>Japanese</u> <u>Nationality</u>
<u>Akiko KURAMOCHI</u>	<u>c/o National Institute of Advanced Industrial</u> <u>Science and Technology, Tsukuba Central 6</u> <u>1-1, Higashi 1-Chome, Tsukuba-shi,</u> <u>Ibaraki 305-8566 Japan</u> <u>Address</u> <u>Japanese</u> <u>Nationality</u>
<u>Miho KIMURA</u>	<u>c/o National Institute of Advanced Industrial</u> <u>Science and Technology, Tsukuba Central 6</u> <u>1-1, Higashi 1-Chome, Tsukuba-shi,</u> <u>Ibaraki 305-8566 Japan</u> <u>Address</u> <u>Japanese</u> <u>Nationality</u>
<u> </u>	<u> </u> <u> </u> <u> </u> <u> </u> <u>Address</u> <u> </u> <u>Nationality</u>

(Assignment of InventionCMultiple InventorsCAdded Page) 16-3.2a

(if assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO, add the following)

Recorded on \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

hereby sells, assigns and transfers to  
ASSIGNEE

National Institute of Advanced Industrial  
Science and Technology  
(type or print name of ASSIGNEE)

3-1, Kasumigaseki 1-chome,  
Address

Japanese  
Nationality

Chiyoda-ku, Tokyo 100-8921 Japan

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) right, title and interest  
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☐ and in all foreign countries, including all rights to claim priority, in and to any  
and all improvements which are disclosed in the invention entitled:  
METHOD FOR ACTIVATING RECEPTOR BY COFACTOR AND METHOD FOR  
UTILIZING LIGAND ACTIVITY

Name of inventor(s) Masashi, SUZUKI; Toru IMAMURA; Yuriko UEHARA;  
Kaori MOTOMURA; Junko OKI; Syuichi OKA; Masahiro ASADA; Akiko KURAMOCHI  
and Miho KIMURA

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in (37 C.F.R. 3.21)

- (a) ☐ Not yet filed U.S. patent application executed on even date herewith  
(b) ☐ Not yet filed U.S. patent application executed on  
(c) ☐ Not yet filed U.S. provisional application naming the above  
inventor(s) for the above-entitled invention  
☐ To comply with 37 C.F.R. 3.21 for recordal of this assignment,  
I, an ASSIGNOR signing below, hereby authorize and request  
my attorney to insert below the filing date and application  
number when they become known.  
(d) ☐ U.S. patent or provisional patent application no. \_\_\_\_\_  
filed on \_\_\_\_\_  
(e) ☒ International application no. PCT/ JP2008/056906  
(f) ☐ U.S. patent no. \_\_\_\_\_ issued  
☐ A change of address to which correspondence is to be sent  
regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g) ☐ and any legal equivalent thereof in a foreign country, including the  
right to claim priority

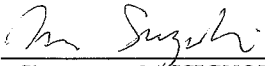

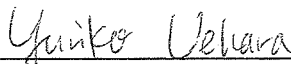
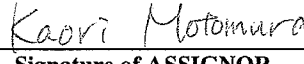
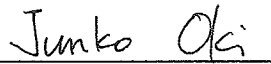
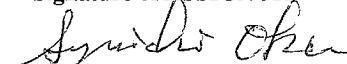
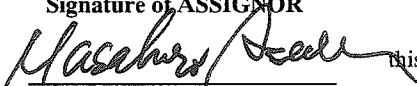
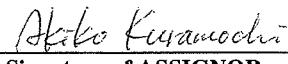
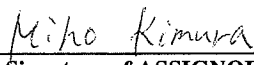
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal

**WARNING:** The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

<u>Masashi</u> (type name of Assignor)	<u>SUZUKI</u>	<u></u> Signature of ASSIGNOR	this	<u>Sep 11, 2009</u> date of signing
<u>Toru</u> (type name of Assignor)	<u>IMAMURA</u>	<u></u> Signature of ASSIGNOR	this	<u>Sep 11, 2009</u> date of signing
<u>Yuriko</u> (type name of Assignor)	<u>UEHARA</u>	<u></u> Signature of ASSIGNOR	this	<u>Sep 11, 2009</u> date of signing
<u>Kaori</u> (type name of Assignor)	<u>MOTOMURA</u>	<u></u> Signature of ASSIGNOR	this	<u>Sep 15, 2009</u> date of signing
<u>Junko</u> (type name of Assignor)	<u>OKI</u>	<u></u> Signature of ASSIGNOR	this	<u>Sep 11, 2009</u> date of signing
<u>Syuichi</u> (type name of Assignor)	<u>OKA</u>	<u></u> Signature of ASSIGNOR	this	<u>Sep 10, 2009</u> date of signing
<u>Masahiro</u> (type name of Assignor)	<u>ASADA</u>	<u></u> Signature of ASSIGNOR	this	<u>Sep. 11 / 09</u> date of signing
<u>Akiko</u> (type name of Assignor)	<u>KURAMOCHI</u>	<u></u> Signature of ASSIGNOR	this	<u>Sep 11, 2009</u> date of signing
<u>Miho</u> (type name of Assignor)	<u>KIMURA</u>	<u></u> Signature of ASSIGNOR	this	<u>Sep 11, 2009</u> date of signing

(if ASSIGNOR is a legal entity, complete the following information)

\_\_\_\_\_  
authorized to sign on behalf of ASSIGNOR)

\_\_\_\_\_  
Title

**NOTE:** No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

[ ] Notarization or Legalization Page Added.