

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<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>Eiichi AKAHOSHI</td> <td>10/27/2009</td> </tr> <tr> <td>Mitsuko ISHIHARA</td> <td>10/27/2009</td> </tr> <tr> <td>Tomoyuki SHISHIDO</td> <td>10/22/2009</td> </tr> <tr> <td>Shigehisa KAWATA</td> <td>10/22/2009</td> </tr> </tbody> </table>		Name	Execution Date	Eiichi AKAHOSHI	10/27/2009	Mitsuko ISHIHARA	10/27/2009	Tomoyuki SHISHIDO	10/22/2009	Shigehisa KAWATA	10/22/2009
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>KABUSHIKI KAISHA TOSHIBA</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Shibaura 1-chome, Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>105-8001</td> </tr> </table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	105-8001
Name:	KABUSHIKI KAISHA TOSHIBA										
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (703) 413-3000 Email: mkassaye@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314											
ATTORNEY DOCKET NUMBER:	348153US										
NAME OF SUBMITTER:	Mesfin Kassaye										
Total Attachments: 6 source=348153USAssignment#page1.tif											

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In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

GENETICALLY MODIFIED ANIMAL FOR USE IN EVALUATING HARMFULNESS OF
TEST SUBSTANCE

have sold and assigned and do hereby sell and assign to
KABUSHIKI KAISHA TOSHIBA
a Japanese corporation, having a business address at
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one) ☒ executed concurrently herewith
☐ executed on _____ ;
☒ Application No. 12/559,303 , filed September 14, 2009 ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm 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 and Trademark Office for recordation of this document.

Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P., 1940 Duke Street Alexandria, VA
22314

ASSIGNMENT

13G048513-USA-A
(09S0153)

[1st Inventor]

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Minato-ku, Tokyo 105-8001, Japan

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Eiichi Akahoshi

Eiichi Akahoshi

October 27, 2009

Date:

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Mitsuko Ishihara

Mitsuko Ishihara

Oct - 27 2009

Date:

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Tomoyuki Shishido

Date:

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Citizenship: Japan

Shigehisa Kawata

Date:

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Mitsuko Ishihara

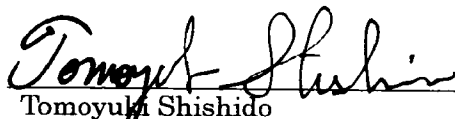
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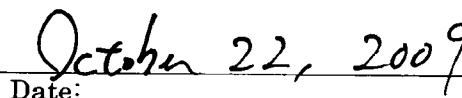
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Shigehisa Kawata
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October 22, 2009
Date: