

## PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

## CONVEYING PARTY DATA

Name	Execution Date
Japan Science and Technology Agency (formerly known as Japan Science and Technology Corporation)	05/16/2008

## RECEIVING PARTY DATA

Name:	Hitoshi Endou
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Postal Code:	229-0022

Name:	Yoshikatsu Kanai
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Internal Address:	Toyonaka-shi
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State/Country:	JAPAN
Postal Code:	560-0005

## PROPERTY NUMBERS Total: 6

Property Type	Number
Patent Number:	7332572
Application Number:	10913256
Application Number:	10913191
Patent Number:	7335482
Patent Number:	7332293
Application Number:	10913073

## CORRESPONDENCE DATA

PATENT

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Total Attachments: 4

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## **ASSIGNMENT**

**WHEREAS**, JAPAN SCIENCE AND TECHNOLOGY AGENCY (formerly known as JAPAN SCIENCE AND TECHNOLOGY CORPORATION), having a principal place of business at 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 Japan (hereinafter called Assignor) is the sole and exclusive owner, by assignment, of the Patents and Patent Applications listed in *Schedule A*; and

**WHEREAS**, HITOSHI ENDOU (a citizen of Japan) residing at 1-23-7, Yoshinodai, Sagamihara-shi, Kanagawa 229-0022 Japan; and YOSHIKATSU KANAI (a citizen of Japan) residing at 2-2-1-113, Nishimidorigaoka, Toyonaka-shi, Osaka 560-0005 Japan, (hereinafter collectively referred to as Assignees), are desirous of acquiring the entire right, title and interest in, to and under said Patents and Patent Applications and the inventions covered thereby in *Schedule A*.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignees, their successors, legal representatives and assigns, the entire right, title and interest in and to the said Patents and Patent Application listed in *Schedule A*, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignees, for their own use and benefit and the use and benefit of their successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

**AND** for the same consideration, Assignor hereby represents and warrants to Assignees, their successors, legal representatives and assigns, that, at the time of

execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignees under law or that have already been transferred to Assignees, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said Patents and Patent Application listed in *Schedule A*, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignor hereby covenants and agrees to and with Assignees, their successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of the Patents and Patent Applications listed in *Schedule A*, without charge to Assignees, their successors, legal representatives and assigns, whenever counsel of Assignees, or counsel of their successors, legal representatives and assigns, shall advise: that any proceeding in connection with said Patents and Patent Applications listed in *Schedule A*, or any proceeding in connection with any Patents and Patent Applications listed in *Schedule A* in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignees, as Assignees of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignees, their successors, legal representatives and assigns.

**AND** Assignor hereby grants the following individuals 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 United States Patent and Trademark Office for recordation of this document:

EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 21874.

**JAPAN SCIENCE AND TECHNOLOGY AGENCY**

By: Michio Obara

Date: May 16, 2008

Name: Michio OBARA

Title: Executive Director

**Witness:**

Norio SAEKI

Date: May 16, 2008

Name: Norio SAEKI, Patent Attorney

**Witness:**

Akio HITOSHIO

Date: May 16, 2008

Name: Akio HITOSHIO, Patent Attorney

SCHEDULE A

Application No.	Filing Date	Patent No.	Issue Date	Title
09/786,389	07/18/01	7,332,572	02/19/08	Neutral Amino Acid Transporter and Gene Thereof
10/913,256	08/05/04			Neutral Amino Acid Transporter and Gene Thereof
10/913,191	08/05/04			Neutral Amino Acid Transporter and Gene Thereof
10/913,263	08/05/04	7,335,482	02/26/08	Neutral Amino Acid Transporter and Gene Thereof
10/912,983	08/05/04	7,332,293	02/19/08	Neutral Amino Acid Transporter and Gene Thereof
10/913,073	08/05/04			Neutral Amino Acid Transporter and Gene Thereof