

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Takeko KODAMA	05/14/2007
Keiji ENDO	04/13/2007
Katsuya OZAKI	04/13/2007
Junichi SEKIGUCHI	05/10/2007

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11722162

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NAME OF SUBMITTER:

Michele A. Cimbala, Reg. No. 33,851

Total Attachments: 2

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ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: (1) Takeko KODAMA

(2) Keiji ENDO (3) Katsuya OZAKI (4) Junichi SEKIGUCHI, hereby sell and assign to

(1) KAO CORPORATION (2) SHINSHU UNIVERSITY, a corporation formed under the laws of Japan, whose mailing address is
(1) 14-10, Nihonbashikayabacho 1-chome, Chuo-ku, Tokyo 103-8210 Japan (2) 3-1-1, Asahi, Matsumoto-shi, Nagano, 390-8621 Japan

(hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in the invention(s) known as RECOMBINANT MICROORGANISM
for which application(s) for patent in the United States of America has a filing date or a 371(c) date of () (also known as United States Application No. (), which is the U.S. national phase of International Application No. PCT/JP2005/023390, International Filing Date December 20, 2005), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also

to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any - agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 26111** the power to insert in this assignment any further identification that 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.

IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

Date: <u>May 14, 2007</u>	Signature of Inventor: <u>Takeko KODAMA</u> Takeko KODAMA
Date: <u>April 13, 2007</u>	Signature of Inventor: <u>Keiji ENDO</u> Keiji ENDO
Date: <u>April 13, 2007</u>	Signature of Inventor: <u>Katsuya Ozaki</u> Katsuya OZAKI
Date: <u>May 10, 2007</u>	Signature of Inventor: <u>Junichi SEKIGUCHI</u> Junichi SEKIGUCHI
Date: _____	Signature of Inventor: _____

SIGNED on behalf of the said ASSIGNEE,

By: Akihiro Kondo
Name: Akihiro KONDO
Title: Vice President Global Intellectual Property
of KAO CORPORATION
Date: April 24, 2007
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By: Komiyama Atsushi
Name: Atsushi KOMIYAMA
Title: President of SHINSHU UNIVERSITY
Date: May 22, 2007