

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hiroyuki TAGUCHI</td> <td>05/01/2012</td> </tr> <tr> <td>Hiroshi YOSHIDA</td> <td>05/09/2012</td> </tr> <tr> <td>Chie FUSE</td> <td>05/09/2012</td> </tr> <tr> <td>Tadao ARINAMI</td> <td>05/01/2012</td> </tr> </tbody> </table>	Name	Execution Date	Hiroyuki TAGUCHI	05/01/2012	Hiroshi YOSHIDA	05/09/2012	Chie FUSE	05/09/2012	Tadao ARINAMI	05/01/2012	
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Hiroyuki TAGUCHI	05/01/2012										
Hiroshi YOSHIDA	05/09/2012										
Chie FUSE	05/09/2012										
Tadao ARINAMI	05/01/2012										
RECEIVING PARTY DATA											
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Street Address:	14-10, Nihonbashi Kayabacho 1-chome										
Internal Address:	Chuo-ku										
City:	Tokyo										
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Postal Code:	103-8210										
PROPERTY NUMBERS Total: 1											
Property Type	Number										
Application Number:	13500439										
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ATTORNEY DOCKET NUMBER:	2537.0670006/MAC										
NAME OF SUBMITTER:	Michele A. Cimbala, Reg. No. 33,851										
Total Attachments: 2 source=2537_0670006_Assignment#page1.tif source=2537_0670006_Assignment#page2.tif											

OP \$40.00 13500439

## 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) Hiroyuki TAGUCHI (2) Hiroshi YOSHIDA (3) Chie FUSE (4) Tadao ARINAMI

\_\_\_\_\_, hereby sell and assign to  
KAO CORPORATION \_\_\_\_\_, a corporation formed under the laws of Japan \_\_\_\_\_,  
whose mailing address is 14-10, Nihonbashi Kayabacho 1-chome, Chuo-ku, Tokyo, 103-8210 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 HAIR SHAPE SUSCEPTIBILITY GENE  
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. 13/500,439, which is the U.S. national phase of  
International Application No. PCT/JP2010/067441, International Filing  
Date October 5, 2010), 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: May 1, 2012

Signature of Inventor:

HiroYuki Taguchi  
HiroYuki TAGUCHI

Date: May 9, 2012

Signature of Inventor:

Hiroshi Yoshida  
Hiroshi YOSHIDA

Date: May 9, 2012

Signature of Inventor:

Chie Fuse  
Chie FUSE

Date: May 1, 2012

Signature of Inventor:

Tadao Arinami  
Tadao ARINAMI

Date: \_\_\_\_\_

Signature of Inventor: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of Inventor: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of Inventor: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of Inventor: \_\_\_\_\_

SIGNED on behalf of the said ASSIGNEE,

By: \_\_\_\_\_

Name: Norimasa YOSHIDA

Title: Vice President Global Intellectual Property

Date: May 18, 2012

**PATENT**