

PATENT ASSIGNMENT

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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>Takanori KUBO</td> <td>04/12/2010</td> </tr> <tr> <td>Hideki OHBA</td> <td>04/13/2010</td> </tr> <tr> <td>Hidekazu TOYOBUKU</td> <td>04/01/2010</td> </tr> <tr> <td>Hirotake HAYASHI</td> <td>04/21/2010</td> </tr> </tbody> </table>		Name	Execution Date	Takanori KUBO	04/12/2010	Hideki OHBA	04/13/2010	Hidekazu TOYOBUKU	04/01/2010	Hirotake HAYASHI	04/21/2010
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											

CH \$40.00 12738797

501236568

PATENT
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ATTORNEY DOCKET NUMBER:

Q118302

NAME OF SUBMITTER:

Susan J. Mack

Total Attachments: 2

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Assignment

- Whereas, I/We, 1) Takanori KUBO, 2) Hideki OHBA, 3) Hidekazu TOYOBUKU, and
4) Hirotake HAYASHI, of
1) 2-3-20-302, Yasuhigashi, Asaminami-ku, Hiroshima-shi, Hiroshima 7310153, Japan;
2) c/o NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY,
Kyushu, 807-1, Aza Nonoshita, Shuku-machi, Tosu-shi, Saga 8410052, Japan;
3) c/o OTSUKA PHARMACEUTICAL CO., LTD., 1-7-1, Doshomachi, Chuo-ku, Osaka-shi,
Osaka 5410045, Japan; and
4) c/o HAYASHI KASEI CO., LTD., 2-7, Tenjinbashi 1-chome, Kita-ku, Osaka-shi,
Osaka 5300041, Japan

hereinafter called assignor(s), have invented certain improvements in

LIPID-MODIFIED DOUBLE-STRANDED RNA HAVING POTENT RNA INTERFERENCE EFFECT

and executed an application for Letters Patent of the United States of America therefor on
April 1, 12, 13, 21, 2010; and

Whereas,

- 1) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, of
3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 1008921, Japan;
- 2) OTSUKA PHARMACEUTICAL CO., LTD., of
9, Kanda-Tsukasamachi 2-chome, Chiyoda-ku, Tokyo 1018535, Japan; and
- 3) HAYASHI KASEI CO., LTD. of
2-7, Tenjinbashi 1-chome, Kita-ku, Osaka-shi, Osaka 5300041, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 12/738,797 and Confirmation number 4399, filed April 19, 2010) the application number and filing date of said application when known.

Date: April 12, 2010 Takanori Kubo
s/ Takanori KUBO

Date: April 13, 2010 Hideki Ohba
s/ Hideki OHBA

Date: April 1, 2010 Hidekazu Toyobuku
s/ Hidekazu TOYOBUKU

Date: April 21, 2010 H Hayashi
s/ Hirotake HAYASHI

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)