

## 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>Akihiko Hisaminato</td> <td>04/21/2011</td> </tr> <tr> <td>Akira Nagabukuro</td> <td>04/21/2011</td> </tr> <tr> <td>Toshihide Ono</td> <td>04/21/2011</td> </tr> </tbody> </table>		Name	Execution Date	Akihiko Hisaminato	04/21/2011	Akira Nagabukuro	04/21/2011	Toshihide Ono	04/21/2011
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Akihiko Hisaminato	04/21/2011								
Akira Nagabukuro	04/21/2011								
Toshihide Ono	04/21/2011								
RECEIVING PARTY DATA									
Name:	OTSUKA Pharmaceuticals Co., Ltd.								
Street Address:	2-9 Kanda-Tsukasamachi								
Internal Address:	Chiyoda-ku								
City:	Tokyo								
State/Country:	JAPAN								
Postal Code:	101-8535								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13634618</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13634618				
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CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Tracy Crispino								
Total Attachments: 2 source=Assignment_executed-Hisaminato Nagabukuro-Ono to Otsuka#page1.tif source=Assignment_executed-Hisaminato Nagabukuro-Ono to Otsuka#page2.tif									

CH \$40.00 13634618

**ASSIGNMENT**

WHEREAS, the undersigned inventor(s) (referred to, collectively, if more than one, as "Assignor") have made an invention entitled **APTAMERS TO BETA-NGF AND THEIR USE IN TREATING BETA-NGF MEDIATED DISEASES AND DISORDERS** for which an application for patent was filed on **April 12, 2011** as International Application Serial No. **PCT/US2011/0032017**, and

WHEREAS, **OTSUKA Pharmaceutical Co., Ltd.**, a Japanese company ("Assignee") having a place of business at **2-9 Kanda-Tsukasamachi, Chiyoda-ku, Tokyo 101-8535, Japan**, desires to acquire all right, title and interest in and to the above identified invention and application from the undersigned inventors;

NOW, THEREFORE, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, does hereby sell, assign, convey and transfer unto Assignee all right, title and interest in and to the above identified invention and application, together with all corresponding foreign applications and patents which may be filed thereon, including the right to claim priority from the above identified application; and Assignor hereby agrees that Assignor will sign all lawful papers, including, without limitation, all divisional, continuation, renewal, extension and reissue applications, and make all rightful oaths in execution thereof, and will generally do everything possible to aid Assignee, its successors, assigns and nominees to obtain and enforce proper protection for the invention in all countries, this obligation to be binding upon Assignor (each and severally, if more than one) and upon Assignor's personal representative or other legal successor.

IN TESTIMONY WHEREOF, the undersigned Assignor (and each of them, if more than one) has signed below.

Date: April / 21 / 2011

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Signature

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Witness:

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