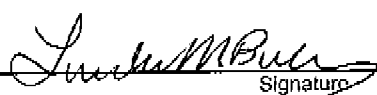


Form **PTO-1595** (Rev. 03/05)
 OMB No. 0651-0027 (exp. 6/30/2008)

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| <p>1. Name of conveying party(ies): Tetsuya Ohtaki (8/25/2005), Hisanori Matsui (8/25/2005), Hirokazu Matsumoto (8/25/2005), and Chieko Kitada (8/23/2005) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | <p>2. Name and address of receiving party(ies) Name: <u>Takeda Pharmaceutical Company</u> Internal Address: <u>Limited</u> Street Address: 1-1, Doshomachi 4-chome Chuo-ku, Osaka-shi Osaka, 541-0045 JAPAN City: _____ State: _____ Country: _____ Zip: _____ Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |
| <p>3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>In parentheses after inventor name</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____</p> | <p>4. Application or patent number(s): <input checked="" type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) 10/547,974 B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> |
| <p>5. Name and address to whom correspondence concerning document should be mailed: Name: <u>David G. Conlin</u> <u>EDWARDS ANGELL PALMER & DODGE</u> <u>LLP</u> Internal Address: <u>Atty. Dkt.: 64083 (46342)</u> Street Address: <u>P.O. Box 55874</u> City: <u>Boston</u> State: <u>MA</u> Zip: <u>02205</u> Phone Number: <u>(617) 439-4444</u> Fax Number: <u>(888) 325-9129</u> Email Address: <u>DConlin@eapdlaw.com</u></p> | <p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p> |
| <p>9. Signature:  _____ Signature Linda M. Buckley - 31,003 Name of Person Signing</p> | <p>8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>04-1105</u> Authorized User Name <u>Linda M. Buckley</u></p> <p align="right">Date <u>May 4, 2006</u></p> <p>Total number of pages including cover sheet, attachments, and documents: 2</p> |

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G05-007908

Docket No.

ASSIGNMENT

I/We, Tetsuya OHTAKI, Hisanori MATSUI, Hirokazu MATSUMOTO and Chieko KITADA, for good and valuable consideration from TAKEDA PHARMACEUTICAL COMPANY LIMITED having its principal place of business at 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 JAPAN hereinafter called the Assignee, receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in, to and under an application for Letters Patent of the United States Serial No. _____ filed on _____ for improvements in the GONADAL FUNCTION IMPROVING AGENTS priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, together with the right to apply for such Letters Patent.

And for the above consideration I/We agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, divisional, continuation or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them described in said application and all patent rights therein, in the United States and in any country foreign thereto.

The undersigned hereby grants Dike, Bronstein, Roberts & Cushman the Intellectual Property Group of Edwards & Angell, LLP of P.O. Box 9169, Boston, MA 02209, U.S.A. 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 U.S. Patent and Trademark, Office for recordation of this document.

1. I, Tetsuya OHTAKI, hereunto set my hand and seal this 25 day of August, 2005.

Tetsuya Ohtaki

2. I, Hisanori MATSUI, hereunto set my hand and seal this 25 day of August, 2005.

Hisanori Matsui

3. I, Hirokazu MATSUMOTO, hereunto set my hand and seal this 25 day of August, 2005.

Hirokazu Matsumoto

4. I, Chieko KITADA, hereunto set my hand and seal this 23 day of August, 2005.

Chieko Kitada

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by witness who sign here.)

Witness Date: August 23, 2005 Signature: Hiroshi Fukui
Hiroshi FUKUI
for 4

Witness Date: August 25, 2005 Signature: Kiyomi Nakano
Kiyomi NAKANO
for 1, 2 & 3

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