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10/19/06

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Ryo Fujii (9/19/2006), Kazunori Nishi (9/21/2006),
Yasuhiro Tanaka (9/21/2006), and Masaaki Mori
(9/19/2006)

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Takeda Pharmaceutical Company Limited

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541-0045
JAPAN

City: _____

State: _____

Country: _____ Zip: _____

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

Assignment Merger Change of Name

Security Agreement Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

This application

B. Patent No.(s)

0000094 041105 11587285

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: David G. Conlin
EDWARDS ANGELL PALMER & DODGE
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6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Authorized to be charged by credit card

Authorized to be charged to deposit account

Enclosed

None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 04-1105
Authorized User Name Mark D. Russett

9. Signature:

Mark Russett

October 19, 2006

Signature

Date

Mark D. Russett - 41,281

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Label No. EV 809096042 US, on the date shown below in an envelope addressed to: MS PCT, Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

Dated: October 19, 2006

Signature: *Mary Quan* (Mary Quan)

A S S I G N M E N T

I/We, Ryo FUJII, Kazunori NISHI, Yasuhiro TANAKA and Masaaki MORI, 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 NOVEL METHOD OF SCREENING priority rights ensuing therefrom, and the inventions and any of them therein set forth and described, in 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 agree(s) to furnish all pertinent facts and documents relating to said application, said invention and said patent(s) as may be known and accessible to the undersigned, and will testify as to the same in any interference or litigation related thereto, and will promptly execute and deliver to Assignee any and all papers, instruments or affidavits necessary or desirable to apply for, obtain, maintain or enforce said application or said patent(s) in connection with any interference which may be declared, and any litigation concerning this application or any continuation, division or reissue thereof or Patent(s) or reissue patent(s) issued thereon, and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner for Patents to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has (have) the full right to convey the entire interest herein assigned, and that the undersigned has (have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grants Edwards Angell Palmer & Dodge LLP of P.O. Box 55874, Boston, MA 02205, 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, Ryo FUJII, hereunto set my hand and seal this 19 day of September 19, 2006.

Ryo Fujii

2. I, Kazunori NISHI, hereunto set my hand and seal this 21 day of September, 2006.

Kazunori Nishi

3. I, Yasuhiro TANAKA, hereunto set my hand and seal this 24 day of September 24, 2006.

Yasuhiro Tanaka

4. I, Masaaki MORI, hereunto set my hand and seal this 19 day of September, 2006.

Masaaki Mori

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(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: September 19, 2006 Signature Takeo Moriya
for Inventor 1 Takeo MORIYA

Witness Date: September 21, 2006 Signature Tsukasa SUGO
for Inventor 3 Tsukasa SUGO

Witness Date: September 21, 2006 Signature Hiroyuki Kobayashi
for Inventor 2 Hiroyuki KOBAYASHI

Witness Date: September 19, 2006 Signature Yumiko Nakagaito
for Inventor 4 Yumiko NAKAGAITO