

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Shizuo KASAI</td><td>10/21/2011</td></tr><tr><td>Kevin Francis MCGEE, Jr.</td><td>10/24/2011</td></tr></tbody></table>		Name	Execution Date	Shizuo KASAI	10/21/2011	Kevin Francis MCGEE, Jr.	10/24/2011				
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Shizuo KASAI	10/21/2011										
Kevin Francis MCGEE, Jr.	10/24/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>TAKEDA PHARMACEUTICAL COMPANY LIMITED</td></tr><tr><td>Street Address:</td><td>1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi,</td></tr><tr><td>City:</td><td>Osaka</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>541-0045</td></tr></table>		Name:	TAKEDA PHARMACEUTICAL COMPANY LIMITED	Street Address:	1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi,	City:	Osaka	State/Country:	JAPAN	Postal Code:	541-0045
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (202)721-8250											
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Email: wlp@wenderoth.com											
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name: WENDEROTH, LIND & PONACK, LLP											
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Address Line 4: Washington, DISTRICT OF COLUMBIA 20005											
ATTORNEY DOCKET NUMBER:	2011_1433A										
NAME OF SUBMITTER:	Donna King										
Total Attachments: 4 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif source=ASSIGNMENT#page4.tif											

OP \$40.00 13264510

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PATENT  
REEL: 027251 FRAME: 0952

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s) Shizuo KASAI and Kevin Francis MCGEE, JR.  
of Inventor(s)

the undersigned hereby sell(s) and assign(s) to

Insert Name(s) Takeda Pharmaceutical Company Limited  
of Assignee(s) of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan  
Address

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of DERIVATIVES OF N-ACYL-N'-PHENYLPIPERAZINE USEFUL (INTER ALIA)  
Invention FOR THE PROPHYLAXIS OR TREATMENT OF DIABETES (as amended)

for which an application for patent in the United States of America has resulted from International Application Serial No. PCT/JP2010/057201 filed on April 16, 2010

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States 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 he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 1030 15th Street, N.W., Suite 400 East, Washington, D.C. 20005-1503, 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 United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date October 21, 2011, Name of the Inventor Shizuo Kasai  
Shizuo KASAI

Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_  
Kevin Francis MCGEE, JR.

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

Witness Masaki OGINO  
Masaki OGINO

Witness \_\_\_\_\_

### ACKNOWLEDGMENT

\_\_\_\_\_  
\_\_\_\_\_) ss

This \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, before me personally came the above-named me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

\_\_\_\_\_  
Official Signature

\_\_\_\_\_  
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. \_\_\_\_\_ Filing Date \_\_\_\_\_

Applicant Reference Number \_\_\_\_\_ Atty Docket No. \_\_\_\_\_

Title of Invention \_\_\_\_\_

# ASSIGNMENT

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Insert Name(s) of Inventor(s) Shizuo KASAI and Kevin Francis MCGEE, JR.

the undersigned hereby sell(s) and assign(s) to

Insert Name(s) of Assignee(s) Takeda Pharmaceutical Company Limited  
Address of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date \_\_\_\_\_, Name of the Inventor \_\_\_\_\_ Shizuo KASAI

Date 10/24/2011, Name of the Inventor *Kevin Francis McGee, Jr.*  
Kevin Francis MCGEE, JR.

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

Witness \_\_\_\_\_

Witness \_\_\_\_\_

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