

# PATENT ASSIGNMENT

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<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Shizuo KASAI	10/24/2011
Kevin Francis MCGEE, Jr.	10/24/2011
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13264510
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**PATENT**  
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# 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)  
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

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.

