

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr><td>Takahiko TANIGUCHI</td><td>03/10/2010</td></tr> <tr><td>Akira KAWADA</td><td>03/10/2010</td></tr> <tr><td>Mitsuyo KONDO</td><td>03/10/2010</td></tr> <tr><td>John F. QUINN</td><td>02/25/2010</td></tr> <tr><td>Jun KUNITOMO</td><td>03/11/2010</td></tr> <tr><td>Masato YOSHIKAWA</td><td>03/11/2010</td></tr> <tr><td>Makoto FUSHIMI</td><td>03/11/2010</td></tr> </tbody> </table>		Name	Execution Date	Takahiko TANIGUCHI	03/10/2010	Akira KAWADA	03/10/2010	Mitsuyo KONDO	03/10/2010	John F. QUINN	02/25/2010	Jun KUNITOMO	03/11/2010	Masato YOSHIKAWA	03/11/2010	Makoto FUSHIMI	03/11/2010
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CORRESPONDENCE DATA																	
Fax Number: (202)721-8250 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 2027218200 Email: wlp@wenderoth.com Correspondent Name: WENDEROTH, LIND & PONACK, LLP Address Line 1: 1030 15th Street, N.W. Address Line 2: Suite 400 East Address Line 4: Washington, DISTRICT OF COLUMBIA 20005																	

OP \$40.00 12656605

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PATENT
REEL: 024179 FRAME: 0436

ATTORNEY DOCKET NUMBER:	2010_0148A
NAME OF SUBMITTER:	Donna King
Total Attachments: 4 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif source=ASSIGNMENT#page4.tif	

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) Takahiko TANIGUCHI
of Akira KAWADA
Inventor(s) Mitsuyo KONDO
John F. QUINN
Jun KUNITOMO
Masato YOSHIKAWA
Makoto FUSHIMI

Insert Name(s) the undersigned hereby sell(s) and assign(s) to
of TAKEDA PHARMACEUTICAL COMPANY LIMITED
Assignee(s) of 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045, Japan

Address _____

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

PYRIDAZINONE COMPOUNDS

Date of for which an application for patent in the United States has been executed by the undersigned
Signing of on March 10, 2010 and March 11, 2010
Application

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 recordal of this document.

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

Date	<u>March 10, 2010</u>	<u><i>Takahiko Taniguchi</i></u> Takahiko TANIGUCHI
Date	<u>March 10, 2010</u>	<u><i>Akira Kawada</i></u> Akira KAWADA
Date	<u>March 10, 2010</u>	<u><i>Mitsuyo Kondo</i></u> Mitsuyo KONDO
Date	<u>March 11, 2010</u>	<u><i>John F. Quinn</i></u> John F. QUINN
Date	<u>March 11, 2010</u>	<u><i>Jun Kunitomo</i></u> Jun KUNITOMO
Date	<u>March 11, 2010</u>	<u><i>Masato Yoshikawa</i></u> Masato YOSHIKAWA
Date	<u>March 11, 2010</u>	<u><i>Makoto Fushimi</i></u> Makoto FUSHIMI

(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 *Heikyu Tada*
Witness *Masato Oizumi*

ACKNOWLEDGMENT

_____ } ss

This _____ day of _____, 20____,
before me personally came the above-named _____
_____ to 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: February 4, 2010

Applicant Reference Number: TKD-US081242(NM/fi) Attorney Docket No.: 2010_0148A

ASSIGNMENT

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Insert Name(s) Takahiko TANIGUCHI
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Date of for which an application for patent in the United States has been executed by the undersigned
Signing of on 25 - FEB. - 2010
Application _____

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.

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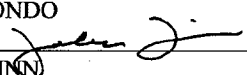
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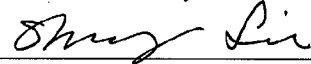
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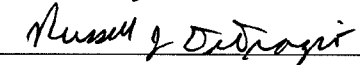
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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date _____	_____
Date _____	Takahiko TANIGUCHI
Date _____	_____
Date _____	Akira KAWADA
Date _____	_____
Date <u>25 - FEB. - 2010</u>	Mitsuyo KONDO
Date _____	 John F. QUINN
Date _____	_____
Date _____	Jun KUNITOMO
Date _____	_____
Date _____	Masato YOSHIKAWA
Date _____	_____
Date _____	Makoto FUSHIMI

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Witness 

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