

PATENT ASSIGNMENT

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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>Jason W. Brown</td> <td>04/16/2012</td> </tr> <tr> <td>Anthony R. Gangloff</td> <td>04/16/2012</td> </tr> <tr> <td>Andre K. Kiryanov</td> <td>04/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jason W. Brown	04/16/2012	Anthony R. Gangloff	04/16/2012	Andre K. Kiryanov	04/16/2012
Name	Execution Date								
Jason W. Brown	04/16/2012								
Anthony R. Gangloff	04/16/2012								
Andre K. Kiryanov	04/16/2012								
RECEIVING PARTY DATA									
Name:	Takeda California, Inc.								
Street Address:	10410 Science Center Drive								
City:	San Diego								
State/Country:	CALIFORNIA								
Postal Code:	92121								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13387342</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13387342				
Property Type	Number								
Application Number:	13387342								
CORRESPONDENCE DATA									
Fax Number:	(858)550-0992								
Phone:	(858) 622-8528								
Email:	mrussell@takedasd.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:	Takeda California, Inc.								
Address Line 1:	10410 Science Center Drive								
Address Line 4:	San Diego, CALIFORNIA 92121								
ATTORNEY DOCKET NUMBER:	PARP-5005-WO-US								
NAME OF SUBMITTER:	Matthew J. Russo								
Total Attachments: 2 source=PARP-5005-WO-US_Assignment_01_Inventors-TCAL#page1.tif source=PARP-5005-WO-US_Assignment_01_Inventors-TCAL#page2.tif									

CH \$40.00 13387342

ASSIGNMENT**WHEREAS, I/WE**

Jason W. Brown, Anthony R. Gangloff, and Andre K. Kiryanov

hereinafter referred to as Assignor(s), have invented a certain invention entitled:

POLY (ADP-RIBOSE) POLYMERASE (PARP) INHIBITORS

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on 26 January 2012, under U.S. Application No. 13/387,342 and

WHEREAS, Takeda California, Inc., 10410 Science Center Drive, California 92121, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in, to, and under the invention described in the patent application, including the entire priority right derived from the application,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Assignor(s) assign and transfer to Assignee and Assignee's legal representatives, successors, and assigns the entire right, title, and interest in, to, and under the invention, the referenced patent application, and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, and the patents that may issue thereon,

Assignor(s) convey to the Assignee the right to make applications in Assignee's own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim priority to the referenced patent application and other such applications that may be filed in the U.S. or any country foreign to the U.S. on the invention under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements,

Assignor(s) will not execute any writing or do any act conflicting with the terms of this assignment,

Assignor(s) will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance in making applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

Assignor(s) and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

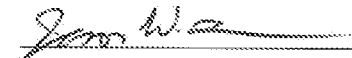
Assignor(s) authorize Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor(s) and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment, as evidenced by the signature of an officer or authorized representative of Assignee below.

IN WITNESS WHEREOF, Assignor has hereunder set his/her hand on the date shown below.

Date April 16, 2012


Assignor: Jason W. Brown

Date April 16, 2012


Assignor: Anthony R. Gaugloff

Date April 16, 2012


Assignor: Andee K. Kiryanov