

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Edcon Chang	07/20/2009
Stephen L. Gwaltney	07/20/2009
Angie Vassar	07/20/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Takeda San Diego, Inc.
<b>Street Address:</b>	10410 Science Center Drive
<b>City:</b>	San Diego
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92121
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12490074
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	ASK1-5004-US
<b>NAME OF SUBMITTER:</b>	C. Amy Smith
<b>Total Attachments: 2</b> source=ASK1-5004-US_Assignment_01_Inventors-TSD#page1.tif source=ASK1-5004-US_Assignment_01_Inventors-TSD#page2.tif	

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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, WE, EDCON CHANG, a citizen of United States of America, STEPHEN L. GWALTNEY, a citizen of United States of America, and ANGIE VASSAR, a citizen of United States of America, (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled APOPTOSIS SIGNAL-REGULATING KINASE 1 INHIBITORS for which an application for Letters Patent of the United States of America has been filed with the U.S. Patent and Trademark Office on June 23, 2009 and assigned Application Serial No. 12/490,074; and

WHEREAS, **TAKEDA SAN DIEGO, INC.**, a corporation organized and existing under and by virtue of the laws of the **State of Delaware** and having its place of business at **10410 Science Center Drive, San Diego, California 92121** (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof to said ASSIGNEE, its successors and assigns, in accordance with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

WITNESS my hand at San Diego, California, this 20 day of July, 2009.

  
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EDCON CHANG

WITNESS my hand at San Diego, California, this 20<sup>th</sup> day of July, 2009.

  
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STEPHEN L. GWALTNEY

WITNESS my hand at San Diego, California, this 20 day of July, 2009.

  
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ANGIE VASSAR