PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3018162

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZACHARIA CHERUVALLATH	08/27/2014
MALLAREDDY KOMANDLA	08/20/2014
JOHN DAVID LAWSON	08/27/2014
JOANNE MIURA	08/27/2014
CHRISTOPHER MCBRIDE	08/27/2014
SEAN MURPHY	08/27/2014
MINGNAM TANG	08/27/2014
HUONG-THU TON-NU	08/27/2014

RECEIVING PARTY DATA

Name:	TAKEDA CALIFORNIA, INC.
Street Address:	10410 SCIENCE CENTER DRIVE
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14378305

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	MAP2-5001-WO-US
NAME OF SUBMITTER:	MATTHEW J. RUSSO
SIGNATURE:	/Matthew J. Russo/
DATE SIGNED:	09/11/2014
	PATENT

REEL: 033719 FRAME: 0069 502971563

Total Attachments: 2

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PATENT REEL: 033719 FRAME: 0070

ASSIGNMENT

WHEREAS, I/WE

Zacharia Cheruvallath, Mallareddy Komandla, John David Lawson, Christopher McBride, Joanne Miura, Sean Murphy, Mingnam Tang, and Huong-Thu Ton-Nu

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

INDAZOLE DERIVATIVES

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on 12 August 2014, under U.S. Application No. 14/378,305 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,

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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 8/27/2014	Assignor: Zacharia Cheruyalath
Date \(\langle 20 \rangle 14	Assignor: Mallareddy Komandla
Date 8/27/2014	Assignor: John David Lawson
Date 8 /27 / 14	Journe Miura
Date 8-27-11	Assignor: Christopher McBride
Date 8-27-14	Assignor: Sean Murphy
Date 8-27-14	Assignor: Mingnam Tang
Date 8/27/14	Assignor Huong Thu Ton-Nu