505239677 12/17/2018 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY	DATA						
		Name			Execution Date		
THE MEDICINES CO	MPANY				08/22/2018		
RECEIVING PARTY	ΟΑΤΑ						
Name:	SANDOZ	SANDOZ INC.					
Street Address:	100 COL	100 COLLEGE RD. WEST					
Internal Address:	SUITE 40	SUITE 400					
City:	PRINCET	PRINCETON					
State/Country:	NEW JEF	NEW JERSEY					
Postal Code:	08540	08540					
PROPERTY NUMBER	RS Total: 2						
Property Type		Number	Number				
Patent Number: 7		03762					
Patent Number: 7713		713928	928				
	·						
CORRESPONDENCE	DATA						
Fax Number:	•	03)260-7714					
		he e-mail address first; if tha if that is unsuccessful, it wil					
)36402525					
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ATTORNEY DOCKET NUMBER:		059367-0305937	059367-0305937				
NAME OF SUBMITTER:		DARLA A GRAFF	DARLA A GRAFF				
SIGNATURE:		/Darla A Graff/	/Darla A Graff/				
DATE SIGNED:		12/17/2018	12/17/2018				
Total Attachments: 5							
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PATENT ASSIGNMENT AND ASSUMPTION AGREEMENT

This PATENT ASSIGNMENT AND ASSUMPTION AGREEMENT (this "Assignment Agreement"), dated as of August 22, 2018 (the "Effective Date"), is made by and between THE MEDICINES COMPANY, a Delaware corporation, with an office at 8 Sylvan Way, Parsippany, New Jersey 07054 ("Assignor"), and SANDOZ INC., a Colorado corporation, with an office at 100 College Road West, Princeton, New Jersey 08540 ("Assignee"). Hereinafter, Assignor and Assignee will collectively be referred to as the "Parties", or individually as a "Party".

WHEREAS, Assignor owns all right, title and interest in and to each patent, patent application for registration and registration identified on <u>Schedule 1</u> and all goodwill associated therewith and symbolized thereby (collectively, the "**Patents**");

WHEREAS, Assignor and Assignee have entered into that certain Asset Purchase Agreement, dated as of August 22, 2018 (the "Purchase Agreement"); and

WHEREAS, under the terms of the Purchase Agreement, Assignor has conveyed, transferred and assigned to Assignee, among other assets, certain intellectual property of Assignor and has agreed to execute and deliver this Assignment Agreement to sell, assign and transfer to Assignee the Patents and for recording with the USPTO.

NOW, THEREFORE, for good and valuable consideration, including the premises and covenants set forth in the Purchase Agreement, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

Section 1. <u>Definitions</u>. Capitalized terms used herein and not defined herein have the respective meanings assigned to them in the Purchase Agreement.

Section 2. Assignment. Assignor hereby sells, assigns and transfers to Assignee, and Assignee hereby accepts the sale, assignment and transfer from Assignor, all of Assignor's right, title and interest in and to the Patents for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns or other legal representatives, as fully and entirely as the same would have been held and enjoyed by the Assignor if this Assignment Agreement and sale had not been made, together with all rights of priority and renewals, and all income, royalties or payments due or payable as of the Effective Date or thereafter and including, without limitation, all of Assignor's rights to all past, present and future claims, counterclaims, credits, causes of action, choses in action, rights of indemnification, rights of recovery and rights of setoff against third persons for infringement, misappropriation, breach, default or other violation of the Patents, together with the right to sue for and collect any resulting recovery of damages, lost profits, legal fees, costs, injunctive relief and other legal and equitable relief, including from acts which may have occurred prior to the Effective Date, for Assignee's own use and enjoyment and for the use and enjoyment of its successors, assigns or other legal representatives (all collectively, the "Patent Rights"). For the avoidance of doubt, this Section 2 conveys, transfers and assigns to Assignee the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages. Assignor

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hereby authorizes the Commissioner for Patents in the USPTO to record and register this Assignment Agreement upon request by Assignee.

Section 3. <u>Miscellaneous</u>. Sections 8.1 (Expenses), 8.2 (Governing Law and Jurisdiction), 8.3 (Waiver of Jury Trial), 8.4 (Specific Performance), 8.6 (Waiver and Amendments), 8.8 (Entire Agreement; No Third Party Beneficiaries), 8.10 (Notices), 8.11 (Headings), and 8.12 (Counterparts) of the Purchase Agreement are hereby incorporated by reference *mutatis mutandis*. No amendment or modification to any of the terms hereof will be valid or binding upon the Parties unless made in writing and signed by duly authorized representatives of the Parties.

[Signature Page Follows]

IN WITNESS WHEREOF, Assignor and Assignee each has caused this Assignment Agreement to be executed by its respective duly authorized representative as of the Effective Date.

ASSIGNOR:

THE MEDICINES COMPANY

By: <u>Christopher Visiol</u> Name: Christopher Visioli Title: Chief Financial Officer

ASSIGNEE:

SANDOZ INC.

By: _____ Name: Title:

[Signature Page to Patent Assignment and Assumption Agreement]

IN WITNESS WHEREOF, Assignor and Assignee each has caused this Assignment Agreement to be executed by its respective duly authorized representative as of the Effective Date.

ASSIGNOR:

THE MEDICINES COMPANY

By:		
Name:		
Title:		

ASSIGNEE:

SANDOZ INC.

DocuSigned by: ard lynch By: 7FA31E47156F4B8

Name: Carol Lynch Title: President Sandoz US

[Signature Page to Patent Assignment and Assumption Agreement]

Schedule 1: Patents

Registered Patents

READY-TO-USE BIVALIRUDIN COMPOSITIONS

Patent No.: US 7,803,762 B1 Date of Patent: September 28, 2010 Assignees: The Medicines Company; Eagle Pharmaceuticals, Inc. Renewal Deadline: Late for 7.5 year renewal (\$3,760.00)

PHARMACEUTICAL FORMULATIONS OF BIVALIRUDIN AND PROCESSES OF MAKING THE SAME

Patent No.: US 7,582,727 B1 Date of Patent: September 1, 2009 Assignee: The Medicines Company Renewal Deadline: 11.5 year window opens on September 1, 2020

PHARMACEUTICAL FORMULATIONS OF BIVALIRUDIN AND PROCESSES OF MAKING THE SAME

Patent No.: US 7,598,343 B1 Date of Patent: October 6, 2009 Assignee: The Medicines Company Renewal Deadline: 11.5 year window opens on October 6, 2020

READY-TO-USE BIVALIRUDIN COMPOSITIONS

Patent No.: US 7,713,928 B1 Date of Patent: May 11, 2010 Assignees: The Medicines Company; Eagle Pharmaceuticals, Inc. Renewal Deadline: 11.5 year window opens on May 11, 2021

RECORDED: 12/17/2018