504849406 04/03/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROCHE DIAGNOSTICS GMBH	03/23/2016

RECEIVING PARTY DATA

Name:	Roche Diagnostics Operations, Inc.
Street Address:	9115 Hague Road
City:	Indianapolis
State/Country:	INDIANA
Postal Code:	46250

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15911699

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	P31109-US-1-CPS
NAME OF SUBMITTER:	KENNETH J. WAITE
SIGNATURE:	/Kenneth J. Waite/
DATE SIGNED:	04/03/2018

Total Attachments: 2

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PATENT 504849406 REEL: 045420 FRAME: 0482

PATENT APPLICATION ASSIGNMENT

WHEREAS, Roche Diagnostics GmbH ("ASSIGNOR"), a German corporation having its principal office at Sandhofer Strasse 116, 68305 Mannheim, Germany, owns U.S. Patent Application Serial No. 14/644,695 filed March 11, 2015, entitled, IDENTIFICATION OF PATENTS WITH ABNORMAL FRACTIONAL SHORTENING; and

WHEREAS, Roche Diagnostics Operations, Inc. ("ASSIGNEE"), a Delaware corporation, having its principal office at 9115 Hague Road, Indianapolis, Indiana 46250, United States of America, desires to acquire the entire right, title and interest in the Application;

NOW, THEREFORE, for good and valuable consideration paid to ASSIGNOR by ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby assigns, sells and transfers all rights, title and interest in the Application, including any divisions, continuations, continuations-in-part, reexaminations, reissues, extensions, or other U.S. patent applications claiming the benefit of the filing date of the Application, to ASSIGNEE, its successors and assigns.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for the Application, including any divisions, continuations, continuations-in-part, reexaminations, reissues or extensions thereof, to ASSIGNEE, its successors and assigns.

ASSIGNOR does hereby covenant and agree with ASSIGNEE, its successors and assigns, that ASSIGNOR will not execute any writing or do any act conflicting with this assignment, and that ASSIGNOR will execute such additional writings and do such additional acts as ASSIGNEE, its successors and assigns, may deem necessary or desirable to perfect its enjoyment of this assignment, and render all necessory assistance in making application for and obtaining original, divisional, continuation, continuation-in-part, reissued, reexamined or extended Letters Patent of the United States of America that may issue from the Application.

	Roche Diagnosius Cinon
	ppa.
Date: <u>March 23, 2016</u>	Signature: JA-Colla-
	Printed Name: Dr. Andreas Poredda
	Title: Vice President

Docha Winamontin Oneb U

i.V.
Signature:
Printed Name: <u>Dr. Andreas Rauscher</u> Title: Director

PATENT REEL: 045420 FRAME: 0484

RECORDED: 04/03/2018