

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROCHE DIAGNOSTICS INTERNATIONAL AG	07/16/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ROCHE DIAGNOSTICS OPERATIONS, INC.
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15911699
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<b>ATTORNEY DOCKET NUMBER:</b>	P31109-US-1-CPS
<b>NAME OF SUBMITTER:</b>	KENNETH J. WAITE
<b>SIGNATURE:</b>	/Kenneth J. Waite/
<b>DATE SIGNED:</b>	04/03/2018
<b>Total Attachments: 1</b>	
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PATENT APPLICATION ASSIGNMENT

WHEREAS, Roche Diagnostics International AG ("ASSIGNOR"), a corporation of Switzerland, having its principal office at Forrenstrasse 2, CH-6343 Rotkreuz, Switzerland, owns U.S. Patent Application Serial No. 14/644,695 filed March 11, 2015, entitled, **IDENTIFICATION OF PATIENTS 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 necessary 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 Diagnostics International AG

Date: July 16, 2015

Signature: [Signature]  
Printed Name: W. Arden Nelson  
Title: Vice President Patents

Date: July 16, 2015

Signature: [Signature]  
Printed Name: W. Barbara Nelson  
Title: Holder of Provisional Patents