

## 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	05/16/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Roche Molecular Systems, Inc.
<b>Street Address:</b>	4300 Hacienda Drive
<b>Internal Address:</b>	Patent Department
<b>City:</b>	Pleasanton
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94588
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14055469
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	30908-US1
<b>NAME OF SUBMITTER:</b>	CHARLES M. DOYLE
<b>SIGNATURE:</b>	/Charles M Doyle/39175/
<b>DATE SIGNED:</b>	11/18/2014
<b>Total Attachments: 2</b>	
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**ASSIGNMENT  
ENTITY**

Assignment Effective As Of October 18, 2012

*WHEREAS*, ROCHE DIAGNOSTICS INTERNATIONAL AG of Forrenstrasse 2, CH-6343 Rotkreuz, Switzerland, an company organized under the Laws of Switzerland hereinafter referred to as **ASSIGNOR**, is the owner of United States Patent Application No. 14/055,469, filed October 16, 2013, described and claimed in an application, provisional or otherwise, entitled:

**“DUAL PROBE ASSAY FOR THE DETECTION OF HETEROGENEOUS  
AMPLICON POPULATIONS”**

*WHEREAS*, ROCHE MOLECULAR SYSTEMS, INC., of 4300 Hacienda Drive, Pleasanton, California, United States of America, a Corporation organized under the Laws of the State of Delaware, hereinafter referred to as **ASSIGNEE**, is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same in the United States of America and its territories. ;



NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for valuable consideration, receipt of which is hereby acknowledged, **ASSIGNOR** has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **ASSIGNEE**, and **ASSIGNEE'S** successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters of Patent which may hereafter be granted on the same in the United States including any application claiming priority under 35 U.S.C. §119(e), divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, reexaminations, prolongations or extensions thereof, the said interest to be held and enjoyed by said **ASSIGNEE** as fully and exclusively as it would have been held and enjoyed by said **ASSIGNOR** had this assignment and transfer not been made, to the full end and term of any Letters Patent.

**ASSIGNOR** further agrees that he will, without charge to said **ASSIGNEE**, but at **ASSIGNEE'S** expense, cooperate with **ASSIGNEE** in the prosecution of said Patent and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as **ASSIGNEE** lawfully may request, to

obtain or maintain Letters Patent for said invention and improvement in any and all countries,  
and to vest title thereto in said **ASSIGNEE**, or **ASSIGNEE'S** successors and assigns.

*IN TESTIMONY WHEREOF*, **ASSIGNOR** has hereunto signed his name to this  
assignment on the date indicated below and **ASSIGEE** have accepted on the date indicated  
below.

ROCHE DIAGNOSTICS INTERNATIONAL AG

	
Name <i>Dr. Aden Rehms</i> Date <i>May 16, 2014</i>	Name <i>Dr. Barbara Herberich</i> Date <i>May 16, 2014</i>
Title <i>Vice President, Patents</i>	Title <i>Holder of procurator Patents</i>

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Accepted by:

ROCHE MOLECULAR SYSTEMS, INC.

	<i>9-June-2014</i>
Name: Charles M. Doyle	Date
Title: Senior Director of Patents	