PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2725261

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY DATA					
			ame	Execution Date	
ROCHE DIAGNOSTICS OPERATIONS, INC			IC.	01/29/2014	
RECEIVING PARTY DATA					
Name:			ES, INC.		
Street Address:	6779 MESA	6779 MESA RIDGE RD. #100			
City:	SAN DIEGO				
State/Country:	CALIFORNIA				
Postal Code:	92121				
PROPERTY NUMBERS Total: 1					
Property Type			Number		
Application Number:		13309	309209		
CORRESPONDENCE DATA					
Fax Number:					
Email: RAY@BIOTECHBEACHLAW.COM					
Correspondence will be sent via US Mail when the email attempt is unsuccessful. Correspondent Name: BIOTECH BEACH LAW GROUP, PC					
Address Line 1: 5677 OBERLIN DRIVE STE. 204					
Address Line 4: SAN DIEGO, CALIFORNIA 92121					
ATTORNEY DOCKET NUMBER:			ACE-148U1		
NAME OF SUBMITTER:			RAYMOND WAGENKNECHT		
Signature:			/Raymond Wagenknecht/		
Date:			02/12/2014		
Total Attachments: 1 source=Assignment_ACEA_2014#page1.tif					

PATENT APPLICATION ASSIGNMENT

WHEREAS, Roche Diagnostics Operations, Inc. ("ASSIGNOR"), a Delaware corporation, having its principal office at 9115 Hague Road, Indianapolis, Indiana 46250, United States of America, owns U. S. Patent Application Serial No. 13/309,209, filed December 01, 2011, entitled CO-CULTURE DEVICE ASSEMBLY, and owns International Application No. PCT/US2012/023513, filed February 01, 2012, entitled CO-CULTURE DEVICE ASSEMBLY (collectively the "Applications"); and

WHEREAS, ACEA Biosciences, Inc. ("ASSIGNEE") of 6779 Mesa Ridge Rd. #100, Sand Diego, CA 92121, USA, desires to acquire the entire right, title and interest in the Applications;

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 United States in these Applications, including any divisions, continuations, continuations-in-part, reexaminations, reissues or extensions thereof, 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 Applications 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.

Roche Diagnostics Operations, Inc.

Date: Jan. 29, 2014

Signature: D. Michael Young

Printed Name: <u>D. Michael Young</u> Title: <u>Vice President, Chief Intellectual Property Counsel</u>