

## 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>
FRANK DIEHL	04/27/2015
PHILIPP ANGENENDT	04/28/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SYSMEX CORPORATION
<b>Street Address:</b>	1-5-1 WAKINOHAMA-KAIGANDORI
<b>City:</b>	CHUO-KU, KOBE-SHI, HYOGO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	651-0073
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14692827
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)334-2999
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	5123342900
<b>Email:</b>	rortiz@phiplaw.com
<b>Correspondent Name:</b>	PARKER HIGHLANDER PLLC
<b>Address Line 1:</b>	1120 S. CAPITAL OF TEXAS HIGHWAY
<b>Address Line 2:</b>	BUILDING ONE, SUITE 200
<b>Address Line 4:</b>	AUSTIN, TEXAS 78746
<b>ATTORNEY DOCKET NUMBER:</b>	ISTC.P0003US
<b>NAME OF SUBMITTER:</b>	MARSHALL P. BYRD
<b>SIGNATURE:</b>	/Marshall P. Byrd/
<b>DATE SIGNED:</b>	05/01/2015
<b>Total Attachments: 2</b>	
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PATENT

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to SYSMEX CORPORATION (the "Assignee"), having a place of business at 1-5-1 Wakinohama-Kaigandori, Chuo-ku, Kobe-shi, Hyogo, Japan 651-0073, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, Serial No. 14/692,827, which has been filed on April 22, 2015 and is entitled "EMULSION SYSTEMS AND EMULSION-BASED AMPLIFICATION OF NUCLEIC ACID," which is a continuation of International Application No. PCT/IB2013/003084, filed October 28, 2013, which claims priority to United States Provisional Patent Application No. 61/719,175, filed October 26, 2012, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;


AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

The assignment of said invention is effective as of the earlier of (1) the date of execution shown below or (2) the filing date of the first filed of said patent applications.


Signature:  Date: 27. Apr. 2015  
Name: Frank DIEHL

BEFORE ME, on this 27 day of April, 2015 personally appeared Frank DIEHL, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

  
Witness

Signature:  Date: 28. Apr. 2015  
Name: Philipp ANGENENDT

BEFORE ME, on this 28 day of April, 2015 personally appeared Philipp ANGENENDT, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.

  
Witness

PARKER HIGHLANDER PLLC  
1120 S. Capital of Texas Highway  
Building One, Suite 200  
Austin, TX 78746