PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAI QIN LAO	12/20/2012
NEIL A STRAUS	01/03/2013

RECEIVING PARTY DATA

Name:	APPLIED BIOSYSTEMS, LLC
Street Address:	5823 NEWTON DRIVE
City:	CARLSBAD
State/Country:	CALIFORNIA
Postal Code:	92008

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15009681

CORRESPONDENCE DATA

Fax Number: (760)476-6048

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.

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Correspondent Name: LIFE TECHNOLOGIES CORPORATION

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Address Line 2: INTELLECTUAL PROPERTY DEPARTMENT

Address Line 4: CARLSBAD, CALIFORNIA 92008

ATTORNEY DOCKET NUMBER:	5333-C3 US
NAME OF SUBMITTER:	SUSANNA LI
SIGNATURE:	/Susanna Li/
DATE SIGNED:	04/13/2016

Total Attachments: 2

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PATENT 503782240 REEL: 038272 FRAME: 0417

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged, I/we:

Zhaohui ZHOU, a citizen of **US**; having a mailing address of 2340 Magnolia Bridge Drive, San Ramon, CA 94582;

Kai Qin LAO, a citizen of **US**; having a mailing address of 6003 Knoll Woods Court, Pleasanton, CA 94566;

Neil A. STRAUS, a citizen of **US**; having a mailing address of 9 Commodore Drive, A101, Emeryville, CA 94608;

do hereby SELL, ASSIGN, AND TRANSFER to APPLIED BIOSYSTEMS, LLC, (the "Assignee", a limited liability company of the State of Delaware) having a place of business at 5791 Van Allen Way, Carlsbad, California 92008, USA 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 United States Provisional Patent Application, Serial Nos. 60/575,661 filed May 28, 2004, 60/612,216 filed Sept. 21, 2004; and in United States Non-provisional Patent Application, Serial No. 10/947,460 filed on September 21, 2004 entitled Methods, Compositions, and Kits Comprising Linker Probes for Quantifying Polynucleotides, and such applications 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 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;

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Customer No. 52059

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; and

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 for 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.

Signature:	Date:	
Name: Zhaohui ZHOU	***************************************	***************************************
Signature: Kai Qin LAO	Date: 12-20	-20/2
Signature: Le C. Stews Name: Nell A. STRAUS	Date: 0/- 03	- 2013