503020341 10/15/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3066942

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BARNETT ROSENBLUM	10/13/2014
STEVEN MENCHEN	10/13/2014
SHAHEER KHAN	10/07/2014
PAUL KENNEY	10/07/2014

RECEIVING PARTY DATA

Name:	APPLIED BIOSYSTEMS, LLC
Street Address:	5791 VAN ALLEN WAY
City:	CARLSBAD
State/Country:	CALIFORNIA
Postal Code:	92008

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14501507

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.

Phone: 760-603-7200

Email: lifetechdocket@system.foundationip.com
Correspondent Name: LIFE TECHNOLOGIES CORPORATION

Address Line 1: 5791 VAN ALLEN WAY

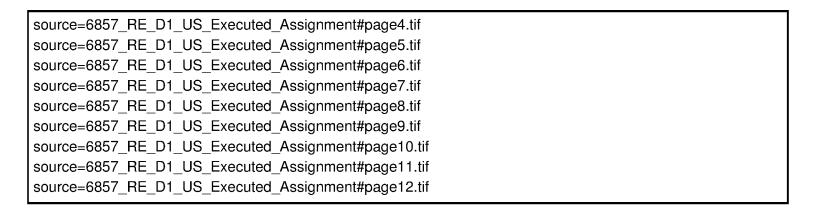
Address Line 4: CARLSBAD, CALIFORNIA 92008

ATTORNEY DOCKET NUMBER:	6857 RE D1 US
NAME OF SUBMITTER:	ANGELA Y. MCGOWAN
SIGNATURE:	/Angela Y. McGowan/
DATE SIGNED:	10/15/2014

Total Attachments: 12

source=6857_RE_D1_US_Executed_Assignment#page1.tif source=6857_RE_D1_US_Executed_Assignment#page2.tif source=6857_RE_D1_US_Executed_Assignment#page3.tif

PATENT 503020341 REEL: 033957 FRAME: 0568



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

- 1. Barnett ROSENBLUM, a citizen of US; having a mailing address of
- Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008;

and a resident of San Jose, CA.

- 2. Steven MENCHEN, a citizen of US; having a mailing address of
- Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008;

and a resident of Fremont, CA.

- 3. Shaheer KHAN, a citizen of US; having a mailing address of
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and a resident of Foster City, CA.

- 4. Paul KENNEY, a citizen of US; having a mailing address of
- 1025 Payette Avenue, Sunnyvale, California 94087;

and a resident of Sunnyvale, CA.

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

(1) any and all inventions, improvements, know-how, and other subject matter described, disclosed, or contained (whether claimed or not) in (a) United States Non-provisional Patent Application, Serial No. 14/501,507, filed on September 30, 2014 entitled NUCLEIC ACID TERMINATORS INCORPORATING A CATIONIC MOIETY AND METHODS FOR THEIR USE, (b) all divisional, continuing, design, utility model, substitute, renewal, reissue, reexamination, and all other applications for patent which have been or shall be filed in the United States and all foreign countries that claim priority to or through, any of the foregoing applications; and (c) all original, reissued and reexamined patents which have been or shall be

issued in the United States or any foreign country on or resulting from any of the applications

referenced in (a) or (b);

(2) any and all inventions, improvements, know-how, and other subject matter

described, disclosed, or contained (whether claimed or not) in any of the foregoing applications

and patents;

(3) the right to file foreign applications under the provisions of any convention or treaty

and claim priority based on any of the foregoing applications in the United States or any other

country; and

(4) the copyright in any and all material described, disclosed, or contained in the

foregoing applications and patents;

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; 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 (1) execute any and all papers and documents (including

without limitation oaths, declarations, assignments, and powers of attorney) and perform any and all acts

reasonably necessary in connection with the filing, prosecution, and issuance of each of the patent

applications and patents referenced herein; (2) communicate to the Assignee all facts known to the

undersigned relating to each of the patent applications, patents, and improvements referenced herein, and

the history thereof; and (3) generally do everything possible that the Assignee shall reasonably consider

desirable to vest title in Assignee in and to each of the patent applications, patents, and improvements

referenced herein and for securing, maintaining, and enforcing proper patent protections for inventions,

improvements, know-how, and other subject matter referenced herein.

ASSIGNOR(S) HEREBY AUTHORIZE AND REQUEST the assignee's agents associated with

customer number 52059 to insert above the filing date and application number of said application when

known.

2 of 3

PATENT

REEL: 033957 FRAME: 0571

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

SEVERABILITY. If a provision of this Assignment is or becomes illegal, invalid, or unenforceable in any jurisdiction, that shall not affect (a) the validity or enforceability in that jurisdiction of any other provision of this Assignment, or (b) the validity or enforceability in other jurisdictions of that or any other provision of this Assignment.

Signature: <u>Ban-ett</u> Amblen Name (1) Barnett ROSENBLUM	Date: 10/13/14
Signature:Name (2) Steven MENCHEN	Date:
Signature:Name (3) Shaheer KHAN	Date:
Signature:Name (4) Paul KENNEY	Date:

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issued in the United States or any foreign country on or resulting from any of the applications

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(3) the right to file foreign applications under the provisions of any convention or treaty

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Signature: The Michigan	Date: 10/13/14
Name (2) Steven MENCHEN	Į .
Signature:	Dâte:
Name (3) Shaheer KHAN	
Signature:	Date:
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- (2) any and all inventions, improvements, know-how, and other subject matter described, disclosed, or contained (whether claimed or not) in any of the foregoing applications and patents;
- (3) the right to file foreign applications under the provisions of any convention or treaty and claim priority based on any of the foregoing applications in the United States or any other country; and
- (4) the copyright in any and all material described, disclosed, or contained in the foregoing applications and patents;

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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Signature: Name (3) Shapeer KHAN	Date: 10/7/2014
Signature:	Date:

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2 of 3

PATENT

REEL: 033957 FRAME: 0580

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Signature:Name (3) Shaheer KHAN	Date:
Signature: / eule 7 Cally	Date: Oct. 7, 2014

3 of 3