PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TODD PETERSON	01/11/2013

RECEIVING PARTY DATA

Name:	LIFE TECHNOLOGIES CORPORATION		
Street Address:	5823 NEWTON DRIVE		
City:	CARLSBAD		
State/Country:	CALIFORNIA		
Postal Code:	92008		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15463363	

CORRESPONDENCE DATA

Fax Number:

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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ATTORNEY DOCKET NUMBER:	LT00586DIV
NAME OF SUBMITTER:	MAUREEN E. BOOTH
SIGNATURE:	/Maureen E. Booth/
DATE SIGNED:	10/31/2019

Total Attachments: 2

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PATENT 505752332 REEL: 050885 FRAME: 0091

Docket No. LT00586 Customer No. 52059

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy

of which are hereby acknowledged, I/we:

1. Todd PETERSON, a citizen of **US**; having a mailing address of

225 B Avenue, Coronado, California 92118;

and a resident of Coronado, CA.

do hereby SELL, ASSIGN, AND TRANSFER to LIFE TECHNOLOGIES CORPORATION, (the

"Assignee", a corporation 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

International Patent Application No. PCT/US2012/057363 filed on September 26, 2012; and

in United States Non-Provisional Patent Application No. 13/627,819 filed on September 26,

2012 entitled HIGH EFFICIENCY, SMALL VOLUME NUCLEIC ACID SYNTHESIS, 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 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; 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;

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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:_	January 11, 2013	
Name (1) Todd PETERSON			