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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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ARKADIUSZ BIBILLO	03/10/2016
PREETHI SARVABHOWMAN	03/17/2016
DHRUTI DALAL	03/17/2016
EILEEN THAI	03/10/2016
ILYA LEDERMAN	03/10/2016

RECEIVING PARTY DATA

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Postal Code:	94588	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15444020

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NAME OF SUBMITTER:	BRYAN W. JONES	
SIGNATURE:	/Bryan W. Jones/	
DATE SIGNED:	01/11/2019	

Total Attachments: 3

PATENT REEL: 047975 FRAME: 0389

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> PATENT REEL: 047975 FRAME: 0390

ASSIGNMENT AGREEMENT

I/We, the undersigned

Inventor(s)

Employed by:

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REEL: 047975 FRAME: 0391

hereinafter ASSIGNOR(S), herewith declare that I am/we are inventor(s) of the invention entitled:

Exonuclease Deficient Polymerases

for which (a) priority application(s) was (were) filed with the

Patent Office

United States Patent and Trademark Office

as outlined below:

 Case No.
 Country
 Filing Date
 Serial No.

 33452-US
 US
 29 February 2016
 62/301,475

ASSIGNOR(S) acknowledge(s) the previous transfer to

Roche Molecular Systems, Inc. 4300 Hacienda Drive Pleasanton California 94588 United States of America

hereinafter ASSIGNEE, of all right, title, and interest in, to, and deriving from the inventions disclosed in the priority application(s) set forth above by operation of law, contract, or otherwise.

As far as right, title, and interest of the ASSIGNOR(S) in, to, and deriving from the inventions disclosed in the patent application(s) set forth above may not have been transferred to ASSIGNEE, ASSIGNOR(S) herewith assign(s) to ASSIGNEE all right, title, and interest in, to, and deriving from the invention and to the above priority application(s), including the right to claim priority.

ASSIGNEE by virtue of this assignment thereof shall have the exclusive right and is fully entitled to claim priority of the priority application(s) set forth above, to apply for, obtain, and own patents worldwide in its own name and at its own costs that claim priority to and are based in whole or in part on the priority application(s),_including any and all divisions, reissues, reexaminations, continuations, continuation-in-part, conversions and extensions thereof for the full term or terms for which the same may be granted, and to maintain any patent granted thereupon and to discontinue any patents or patent applications as it deems appropriate.

ASSIGNEE and ASSIGNOR hereby acknowledge, confirm, and agree that ASSIGNOR has been fully and adequately compensated for all rights granted or assigned to ASSIGNEE hereunder.

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This agreement shall be governed and construed in accordance with substantive laws of Switzerland, with the exclusion of the Vienna Convention on the International Sale of Goods dated April 11, 1980. The competent courts of Basel City, Switzerland shall have exclusive jurisdiction.

ASSIGNOR(S)	\bigcirc
Santa Clay 3/10/16 Place, Date	Aruna AYER
Sento Clara 3/10/16 Place, Date	Arkadiusz BIBILLO
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ASSIGNEE	Roche Molecular Systems, Inc.
Pleasanton, CA	Layatha Ca
Place, Date	Sujatha/Subramaniam Sr. Director, Head of Patents

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