

**PATENT ASSIGNMENT**

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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>
Lei YOUNG	05/13/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	J. Craig Venter Institute, Inc.
<b>Street Address:</b>	9704 Medical Center Drive
<b>City:</b>	Rockville
<b>State/Country:</b>	MARYLAND
<b>Postal Code:</b>	20850
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11633686
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)720-5125
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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<b>Correspondent Name:</b>	James J. Mullen III, Ph.D.
<b>Address Line 1:</b>	Morrison Foerster LLP
<b>Address Line 2:</b>	12531 High Bluff Drive, Suite 100
<b>Address Line 4:</b>	San Diego, CALIFORNIA 92130
<b>ATTORNEY DOCKET NUMBER:</b>	616872001600
<b>NAME OF SUBMITTER:</b>	James J. Mullen III, Ph.D.
<b>Total Attachments: 2</b>	
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**ASSIGNMENT  
SOLE**

THIS ASSIGNMENT, by **Lei YOUNG**, residing in Gaithersburg, Maryland (hereinafter referred to as the assignor), witnesseth:

WHEREAS, said assignor has invented certain new and useful improvements in **SYNTHESIS OF ERROR-MINIMIZED NUCLEIC ACID MOLECULES**, set forth in an application for Letters Patent of the United States, bearing Serial No. 11/633,686 and filed on **December 4, 2006**; and

WHEREAS, **J. Craig Venter Institute, Inc.**, a corporation duly organized under and pursuant to the laws of Maryland and having its principal places of business at 9704 Medical Center Drive, Rockville, MD 20850 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said provisional application and any application for Letters Patent claiming priority thereto, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successor, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors,

legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

5/13/08                      Lei Young  
Date                                      Lei YOUNG

State of Maryland                      )  
County of Montgomery                      ) ss:

On May 13 before me, Lei Young, personally appeared Lei YOUNG, personally known to me - **OR** - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Eula Wittmer  
Notary Public in and for  
said County and State