

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kenneth D. Smith</td> <td>07/31/2009</td> </tr> <tr> <td>Nina Yazvenko</td> <td>08/03/2009</td> </tr> <tr> <td>Mariya Smit</td> <td>08/03/2009</td> </tr> </tbody> </table>		Name	Execution Date	Kenneth D. Smith	07/31/2009	Nina Yazvenko	08/03/2009	Mariya Smit	08/03/2009		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Cascade Biosystems, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>E7279 State Road 170</td> </tr> <tr> <td>City:</td> <td>Colfax</td> </tr> <tr> <td>State/Country:</td> <td>WISCONSIN</td> </tr> <tr> <td>Postal Code:</td> <td>54730</td> </tr> </table>		Name:	Cascade Biosystems, Inc.	Street Address:	E7279 State Road 170	City:	Colfax	State/Country:	WISCONSIN	Postal Code:	54730
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13603257</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13603257						
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CORRESPONDENCE DATA											
<p>Fax Number: 8777697945  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 612-335-5070        Email: wasilkus@fr.com        Correspondent Name: Fish &amp; Richardson P.C.        Address Line 1: 60 South Sixth Street        Address Line 2: 3200 RBC Plaza        Address Line 4: Minneapolis, MINNESOTA 55402</p>											
ATTORNEY DOCKET NUMBER:	25459-0002002										
NAME OF SUBMITTER:	J. Patrick Finn III, Ph.D., Reg.# 44,109										
Signature:	/J. Patrick Finn III, Reg. No. 44,109/										

Date:

06/13/2013

**Total Attachments: 5**

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# ASSIGNMENT

For valuable consideration, we, Kenneth D. Smith, of E7279 State Road 170, Colfax, WI 54730; Nina Yazvenko, of 17710 S.E. 21st Street, Vancouver, WA 98683; and Mariya Smit, of 17710 S.E. 21st Street, Vancouver, WA 98683; hereby assign to CASCADE BIOSYSTEMS, INC., a corporation of Delaware, having a place of business at E7279 State Road 170, Colfax, WI 54730, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of any one or more of the following applications: a U.S. provisional application, entitled METHOD OF SPECIFIC AND HIGHLY SENSITIVE DETECTION OF DNA TARGETS USING AN ENZYMATIC AMPLIFICATION CASCADE OF RESTRICTION ENDONUCLEASES, filed August 15, 2008, and assigned U.S. Serial Number 61/089,392, a U.S. provisional application entitled METHOD USING RESTRICTION ENDONUCLEASES AND ENZYMATIC CASCADE REACTIONS FOR EXPONENTIAL SIGNAL AMPLIFICATION AND SPECIFIC AND HIGHLY SENSITIVE DETECTION OF DNA TARGETS, filed April 6, 2009, and assigned U.S. Serial Number 61/166,843, a U.S. patent application entitled, DETECTING NUCLEIC ACID, filed August 4, 2009, and assigned U.S. Serial Number 12/535,017 (Attorney Docket Number 25459-002001), and an international patent application entitled DETECTING NUCLEIC ACID, filed August 4, 2009, and assigned PCT Serial Number PCT/US2009/052716 (Attorney Docket Number 25459-002WO1); and we authorize and request the attorneys appointed in said applications to hereafter complete this assignment by inserting above the filing date and serial number of said applications when known; this assignment including said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for

ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: July 31, 2009

Kenneth D. Smith  
KENNETH D. SMITH

STATE OF WI

COUNTY OF Dunn ) SS.

On 07/31/2009, before me, the undersigned, a notary public for the State of Wisconsin, there personally appeared KENNETH D. SMITH personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

C. L. Samson  
Notary Public  
my commission expires 06/17/12

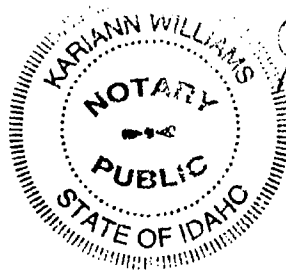
DATE: 8/03/09

*Nina Yazvenko*  
NINA YAZVENKO

STATE OF Idaho )  
COUNTY OF Fremont ) SS.

On August 3, 2009, before me, the undersigned, a notary public for the State of Idaho, there personally appeared NINA YAZVENKO personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in her authorized capacity and that by her signature on this Assignment, the person or the entity upon behalf of which she acted, executed this Assignment.

WITNESS my hand and official seal.



*Kariann Williams*  
Notary Public  
*Comm Exp 7/11/2014*

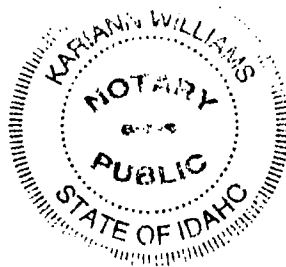
DATE: Aug 3, 2009

Mariya Smit  
MARIYA SMIT

STATE OF Idaho )  
COUNTY OF Fremont ) SS.

On August 3, 2009, before me, the undersigned, a notary public for the State of Idaho, there personally appeared MARIYA SMIT personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in her authorized capacity and that by her signature on this Assignment, the person or the entity upon behalf of which she acted, executed this Assignment.

WITNESS my hand and official seal.



Kariann Williams  
Notary Public Comm Exp 7/11/2014

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