

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| KENNETH D. SMITH | 02/18/2010 |
| NINA YAZVENKO | 03/01/2010 |
| MARIYA SMIT | 03/01/2010 |
| RECEIVING PARTY DATA | |
| Name: | CASCADE BIOSYSTEMS, INC. |
| Street Address: | E7279 STATE ROAD 170 |
| City: | COLFAX |
| State/Country: | WISCONSIN |
| Postal Code: | 54730 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16448784 |
| CORRESPONDENCE DATA | |
| Fax Number: | (877)769-7945 |
| <i>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.</i> | |
| Phone: | 612-335-5070 |
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| Correspondent Name: | FISH & RICHARDSON PC |
| Address Line 1: | 60 SOUTH SIXTH STREET |
| Address Line 2: | 3200 RBC PLAZA |
| Address Line 4: | MINNEAPOLIS, MINNESOTA 55402 |
| ATTORNEY DOCKET NUMBER: | 25459-0008005 |
| NAME OF SUBMITTER: | J. PATRICK FINN III, PH.D., REG. #44109 |
| SIGNATURE: | /J. Patrick Finn III, Reg. No. 44,109/ |
| DATE SIGNED: | 11/11/2019 |
| Total Attachments: 6 | |
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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 an application for United States Patent, entitled METHODS AND MATERIALS FOR DETECTING GENETIC OR EPIGENETIC ELEMENTS, filed February 15, 2010, and assigned U.S. Serial Number ~~51/304,793~~^{61/304,793}, this assignment including said application, 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.

KDS 02/09/11

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 an application for United States Patent, entitled METHODS AND MATERIALS FOR DETECTING GENETIC OR EPIGENETIC ELEMENTS, filed February 15, 2010, and assigned U.S. Serial Number ^{61/304,193}~~51304,793~~, this assignment including said application, 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.

NSY
2/10/2011

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 an application for United States Patent, entitled METHODS AND MATERIALS FOR DETECTING GENETIC OR EPIGENETIC ELEMENTS, filed February 15, 2010, and assigned U.S. Serial Number ^{61/304,793}~~51/304,793~~, this assignment including said application, 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.

MS
02/10/2011

DATE: Feb. 18, 2010

Kenneth D. Smith
KENNETH D. SMITH

STATE OF WI)

COUNTY OF Deer) SS.

On 2-18-10, before me, the undersigned, a notary public for the State of WI, 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.

Ellen Anderson
Notary Public Deputy Clerk
Term exp- 01-03-11

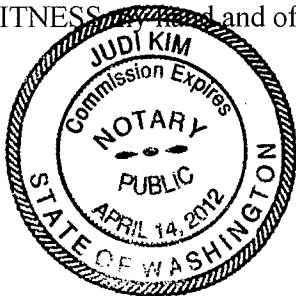
DATE: March 01, 2010

Mariya Smit
MARIYA SMIT

STATE OF Washington)
COUNTY OF Clark) SS.

On 03/01/2010, before me, the undersigned, a notary public for the State of Washington, 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.



Judi Kim
Notary Public

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