502132513 11/16/2012

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Cardinal Associates, Inc.	11/16/2012

RECEIVING PARTY DATA

Name:	Biogenic Innovations, LLC	
Street Address:	1000 West 8th Street	
City:	Vancouver	
State/Country:	WASHINGTON	
Postal Code:	98660	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13458907

CORRESPONDENCE DATA

Fax Number: 5035955301

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (503) 595-5300

Email: tanya.harding@klarquist.com
Correspondent Name: Tanya M. Harding, Ph.D.
Address Line 1: 121 SW Salmon Street

Address Line 2: One World Trade Center, Suite 1600

Address Line 4: Portland, OREGON 97204

ATTORNEY DOCKET NUMBER: 8486-86184-01 TMH

NAME OF SUBMITTER: Tanya M. Harding, Ph.D.

Total Attachments: 2

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PATENT REEL: 029315 FRAME: 0549 CH \$40.00 13458

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ASSIGNMENT

WHEREAS, Cardinal Associates, Inc., a Wasington corporation, having offices in Vancouver, Wasington 98660, owns the entire right, title and interest in and to U.S. Continuation Patent Application No. 13/458,907, filed on April 27, 2012; and the right to claim domestic and foreign priority to U.S. Patent Application No. 61/256,935, filed on October 30, 2009, and to PCT Patent Application No. PCT/US2010/054871, filed on October 29, 2010, with regard to the CARDINAL Field of Use as it is defined in other agreements executed by or on behalf of Cardinal Associates, Inc. on or around April 17, 2012; which rights are collectively referred to herein as "rights in the patent applications."

WHEREAS, Biogenic Innovations, LLC, a corporation organized under the laws of the State of Washington, having a place of business at 1000 West 8th Street, Vancouver, Washington 98660, desires to acquire all of Cardinal Associates, Inc. rights in the patent applications:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Cardinal Associates, Inc. hereby sell, assign and transfer to Biogenic Innovations, LLC, all of our rights in the patent applications, including the entire title and interest in and to U.S. Continuation Patent Application No. 13/458,907, and patent rights throughout the world, including foreign patent priority rights, and the right to file and prosecute applications under the European Patent Convention; any resultant letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-inpart, reissues and extensions thereof, to be held and enjoyed by Biogenic Innovations, LLC, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted by the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to Biogenic Innovations, LLC, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Biogenic Innovations, LLC, its successors and assigns to obtain and enforce proper patent protection for the invention(s) encompassed by these rights in the United States or any foreign country.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Cardinal Associates, Inc.

Pripated Name:

: Thanks Or HUGHE

STATE OF Washwyfth

COUNTY OF CLARK

SS.

This 16 day of November 2012, before me personally came the above-named representative of Cardinal Associates, Inc., who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by his/her own free will for the purpose set forth therein.

Notary Public
EAL] State of Washington
JILL W THRAILKILL

My Appointment Expires Jun 12, 2018

Notary Public For Clark County

My commission expires: June 12, 2014