

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BALAMURALI K. AMBATI	02/18/2015
HIRONORI UEHARA	02/18/2015
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF UTAH
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City:	SALT LAKE CITY
State/Country:	UTAH
Postal Code:	84112
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14358572
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Address Line 2:	THORPE NORTH & WESTERN, LLP
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ATTORNEY DOCKET NUMBER:	00846-U5071.PCT.US UOFU
NAME OF SUBMITTER:	TODD B. ALDER
SIGNATURE:	/Todd B. Alder/
DATE SIGNED:	11/17/2016
Total Attachments: 3	
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WHEN RECORDED RETURN TO:
Todd B. Alder, Ph.D.
Thorpe North & Western, LLP
P.O. Box 1219
Sandy, UT 84091-1219

Docket No. 00846-U5071.PCT.US

ASSIGNMENT

WHEREAS, we, Balamurali K. Ambati (resident of the State of Utah, whose postal mailing address is 615 Arapeen Drive, Suite 310, Salt Lake City, Utah 84108), Hironori Uehara (resident of the State of Utah, whose postal mailing address is 615 Arapeen Drive, Suite 310, Salt Lake City, Utah 84108), (hereinafter "Assignors") have invented a certain new and useful improvement in a **MORPHOLINOS, MORPHOLINO UPREGULATING, AND ASSOCIATED METHODS** for which an application for United States Letters Patent is being filed concurrently herewith OR which was filed on May 15, 2014 as THORPE NORTH & WESTERN, LLP Docket No. 00846-U5071.PCT.US, and given U.S. Patent Application Serial No. 14/358,572; and:

WHEREAS, University of Utah, an Institute of Higher Education, organized and existing under the laws of the State of Utah, having a business address of 201 S. Presidents Circle, Salt Lake City, Utah 84112, (hereinafter "Assignee"), is desirous of acquiring Assignor's entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency whereof is hereby acknowledged, we the said Assignors, hereby grant and assign unto the said Assignee, our entire right, title and interest in said invention and in all patent applications based thereon, including but not limited to the above identified United States Patent Application and in all provisionals, divisions, continuations, and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries; the right, power and authority to file and prosecute U.S. and foreign patent

applications on said invention, and to do so in its own name wherever such right may be legally exercised, and including the right to claim the priority and benefits of the International Convention for such applications; and the right to bring actions for infringement of any right in said invention in its own name, including past infringement, in any jurisdiction.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all Letters Patent on said invention to the said Assignee as the owner of our entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, divisional, substitution, reissue, and other United States and foreign patent applications on said invention, and all lawful documents as requested by the Assignee to further the prosecution of any of such patent applications; and cooperation to the best of our ability including, but not limited to, the execution of all lawful documents, the production of evidence in any actions or proceedings concerning the invention, including, but not limited to, nullification, reissue, extension, and infringement proceedings involving said invention.

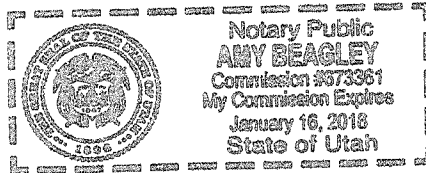
This assignment and agreement shall be binding upon our heirs and legal representatives.

Executed this 18th day of Feb, 2015 at SLC, UT
_____(place)

Balamurali K. Ambati
Balamurali K. Ambati

STATE OF Utah)
County of Salt Lake) : ss

Before me personally appeared Balamurali K. Ambati and acknowledged the foregoing instrument to be his free act and deed this 18 day of February, 2015



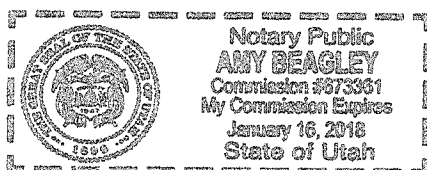
Amy Beagley
Notary Public

Executed this 18th day of Feb, 2015 at SLC, UT
_____(place)

Hironori Uehara
Hironori Uehara

STATE OF Utah)
County of Salt Lake) : ss

Before me personally appeared Hironori Uehara and acknowledged the foregoing instrument to be his free act and deed this 18 day of February, 2015



Amy Beagley
Notary Public