

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jennifer M. Heemstra	09/21/2012
RECEIVING PARTY DATA	
Name:	University of Utah
Street Address:	201 South Presidents Circle
City:	Salt Lake City
State/Country:	UTAH
Postal Code:	84112
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13534988
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 2:	Thorpe North & Western, LLP
Address Line 4:	Sandy, UTAH 84070
ATTORNEY DOCKET NUMBER:	00846-U5091.NP (U OF U)
NAME OF SUBMITTER:	David W. Osborne
Total Attachments: 2 source=U5091NPassignmentUofU#page1.tif source=U5091NPassignmentUofU#page2.tif	

OP \$40.00 13534988

WHEN RECORDED RETURN TO:

US PATENT APPLICATION No. 13/534,988
ATTORNEY DOCKET NO. 00846-U5091.NP

Todd B. Alder, Ph.D.
THORPE NORTH & WESTERN, LLP
P.O. BOX 1219
SANDY, UTAH 84091-1219

ASSIGNMENT

WHEREAS, I,

	Jennifer M. Heemstra
Residence:	Salt Lake City, UT
Post Office Address:	1775 Hollywood Ave.
	Salt Lake City, UT 84108

(hereinafter "Assignor") have invented a certain new and useful improvement in a for which a non-provisional application for United States Letters Patent was filed on June 27, 2012 as THORPE NORTH & WESTERN, LLP Docket No.00846-U5091.NP, and given U.S. Patent Application Serial No. 13/534,988; and

WHEREAS, University of Utah, an institution of higher education and a nonprofit organization organized and existing under the laws of the State of Utah, located at 201 South Presidents Circle, Salt Lake City, UT 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 me by the Assignee, the receipt and sufficiency whereof is hereby acknowledged, I the said Assignor, hereby grant and assign unto the said Assignee, my 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 nonprovisionals, 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.

I 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 my 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 me had this assignment and sale not been made.

I hereby agree, without further consideration and without expense to me, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of me to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, nonprovisional, 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; cooperation to the best of my 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, reissuing, extension, and infringement proceedings involving said invention.

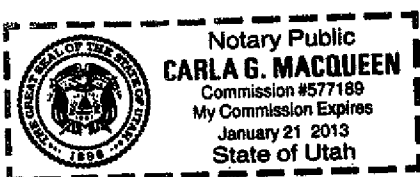
This assignment and agreement shall be binding upon my heirs and legal representatives.

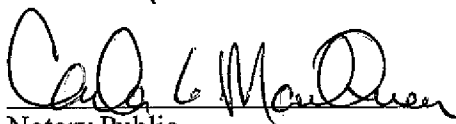
Executed this 21 day of September, 2012 at Salt Lake City
Utah (City, State).


Jennifer M. Heemstra

STATE OF Utah)
County of Salt Lake) :ss

Before me personally appeared Jennifer M. Heemstra and acknowledged the foregoing instrument to be his/her free act and deed this 21 day of September, 2012.




Notary Public