

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Gregory Arthur Clark	06/19/2009
David J. Warren	07/01/2009
Noah M. Ledbetter	07/01/2009
Marcy Lloyd	07/01/2009
Richard A. Normann	06/02/2009
RECEIVING PARTY DATA	
Name:	University of Utah
Street Address:	615 Arapeen Dr., Suite 310
City:	Salt Lake City
State/Country:	UTAH
Postal Code:	84108
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12417530
CORRESPONDENCE DATA	
Fax Number:	(801)566-0750
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	801-566-6633
Email:	wiseman@tnw.com
Correspondent Name:	Erik S. Ericksen
Address Line 1:	8180 S. 700 E., Suite 350
Address Line 4:	Sandy, UTAH 84070
ATTORNEY DOCKET NUMBER:	00846-U4361.NP
NAME OF SUBMITTER:	Erik S. Ericksen

OP \$40.00 12417530

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PATENT
REEL: 023035 FRAME: 0463

Total Attachments: 6

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WHEN RECORDED RETURN TO:

Erik S. Ericksen
THORPE NORTH & WESTERN, LLP
P.O. BOX 1219
SANDY, UTAH 84091-1219

US PATENT APPLICATION No. 12/417,530
ATTORNEY DOCKET NO. 00846-U4361.NP

ASSIGNMENT

WHEREAS, We,

Residence: Gregory Arthur Clark
Salt Lake City, UT
Post Office Address: 2027 E. 900 S
Salt Lake City, UT 84108

Residence: David J. Warren
Salt Lake City, UT
Post Office Address: 2086 Keller Lane
Salt Lake City, UT 84109

Residence: Noah M. Ledbetter
Salt Lake City, UT
Post Office Address: 315 West 700 North, #7
Salt Lake City, UT 84103

Residence: Marcy Lloyd
Milwaukee, WI
Post Office Address: 3461 North 77th Street
Milwaukee, WI 53222

Residence: Richard A. Normann
Park City, UT
Post Office Address: 7070 Pinebrook Rd.
Park City, UT 84098

(hereinafter "Assignors") have invented a certain new and useful improvement in a
MICROELECTRODE ARRAY SYSTEM WITH INTEGRATED REFERENCE
MICROELECTRODES TO REDUCE DETECTED ELECTRICAL NOISE AND IMPROVE
SELECTIVITY OF ACTIVATION for which a non-provisional application for United States

Letters Patent was filed on April 2, 2009 as THORPE NORTH & WESTERN, LLP Docket No. 00846-U4361.NP, and given U.S. Patent Application Serial No. 12/417,530; 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 615 Arapleen Dr., Suite 310, Salt Lake City, UT 84108 (hereinafter "Assignee"), is desirous of acquiring the 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 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.

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, 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 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, reissuing, extension, and infringement proceedings involving said invention.

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

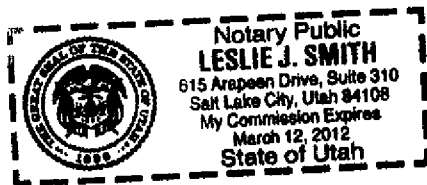
Signed at Salt Lake City, Utah, this 19 day of June, 2009.
city, state, country (if not USA) day month

Signed:

Gregory Arthur Clark
Gregory Arthur Clark

STATE OF Utah)
County of Salt Lake) :ss

Before me personally appeared Gregory Arthur Clark and acknowledged the foregoing instrument to be his/her free act and deed this 19th day of June, 2009.



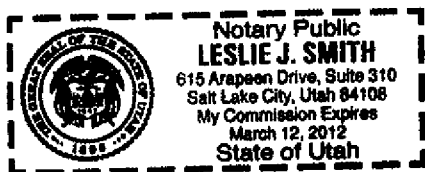
Leslie J. Smith
Notary Public

Signed at Salt Lake City, Utah, this 1st day of July, 2009.
city, state, country (if not USA) day month

Signed: [Signature]
David J. Warren

STATE OF Utah)
County of Salt Lake) :SS

Before me personally appeared David J. Warren and acknowledged the foregoing instrument to be his/her free act and deed this 1st day of July, 2009.



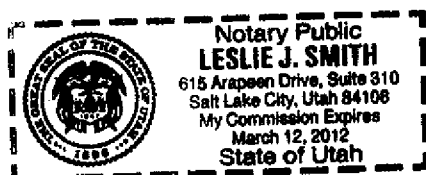
[Signature]
Notary Public

Signed at Salt Lake City, Utah, this 1st day of July, 2009.
city, state, country (if not USA) day month

Signed: [Signature]
Noah M. Ledbetter

STATE OF Utah)
County of Salt Lake) :SS

Before me personally appeared Noah M. Ledbetter and acknowledged the foregoing instrument to be his/her free act and deed this 1st day of July, 2009.



[Signature]
Notary Public

Signed at Milwaukee, WI, this 1 day of July, 2009.
city, state, country (if not USA) day month

Signed: Marcy Lloyd
Marcy Lloyd

STATE OF Wisconsin)
County of Milwaukee) :ss

Before me personally appeared Marcy Lloyd and acknowledged the foregoing instrument to be his/her free act and deed this 1st day of July, 2009.

[Signature]
Notary Public

Signed at _____, this _____ day of _____, 2009.
city, state, country (if not USA) day month

Signed: _____
Richard A. Normann

STATE OF _____)
County of _____) :ss

Before me personally appeared Richard A. Normann and acknowledged the foregoing instrument to be his/her free act and deed this _____ day of _____, 2009.

Notary Public

Signed at _____, this _____ day of _____, 2009.
city, state, country (if not USA) day month

Signed: _____
Marcy Lloyd

STATE OF _____)
:SS
County of _____)

Before me personally appeared Marcy Lloyd and acknowledged the foregoing instrument to be his/her free act and deed this _____ day of _____, 2009.

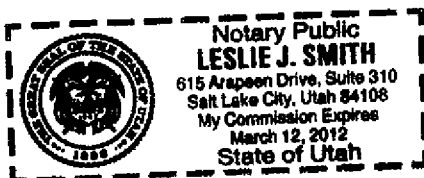
Notary Public

Signed at Salt Lake City, Utah, this 2nd day of June, 2009.
city, state, country (if not USA) day month

Signed: Richard A. Normann
Richard A. Normann

STATE OF Utah)
:SS
County of Salt Lake)

Before me personally appeared Richard A. Normann and acknowledged the foregoing instrument to be his/her free act and deed this 2nd day of June, 2009.



Leslie J. Smith
Notary Public