501829188 02/22/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dale H. Clayton	05/17/2005
Joseph S. Atkin	05/13/2005
Kevin G. Wilding	05/16/2005

RECEIVING PARTY DATA

Name:	University of Utah	
Street Address:	615 Arapeen Drive, Ste. 310	
City:	Salt Lake City	
State/Country:	UTAH	
Postal Code:	84108	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12875911

CORRESPONDENCE DATA

Fax Number: (801)935-4936

Phone: (801) 935-4935

Email: docket@prwlawfirm.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US

Mail.

Correspondent Name: Matthew D. Thayne

Address Line 1: 560 East 500 South, Ste. 200
Address Line 4: Salt Lake City, UTAH 84102

NAME OF SUBMITTER: | Matthew D. Thayne

Total Attachments: 5

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PATENT REEL: 027746 FRAME: 0118 OF \$40.00 12875911

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WHEN RECORDED RETURN TO:

US PATENT APPLICATION ATTORNEY DOCKET NO. 23464.NP

Vaughn W. North THORPE NORTH & WESTERN, LLP P.O. BOX 1219 SANDY, UTAH 84091-1219

ASSIGNMENT

WHEREAS, We.

Dale H. Clayton

Residence: (City, State):

Salt Lake City, UT

Post Office Address:

720 12th Ave. 460 10th Ave. WAC

Salt Lake City, UT 84103

Joseph S. Atkin

Residence: (City, State):

Salt Lake City, UT

Post Office Address:

1528 South 700 East Apt. A

Salt Lake City, UT 84105

Residence: (City, State):

Kevin G. Wilding

Post Office Address:

Salt Lake City, UT

1182 Foothill Dr. #143 5/4

Salt Lake City, UT 84108

(hereinafter "Assignors") have invented a certain new and useful improvement in a ECTOPARASITE ERADICATION METHOD AND DEVICE for which a non-provisional application for United States Letters Patent was filed on 5-18-2005 as THORPE NORTH & WESTERN, LLP Docket No. 23464.NP, and given U.S. Patent Application Serial No. 11/133,067 ; and

WHEREAS, the University of Utah, an institution of higher education and a nonprofit organization organized and existing under the laws of the State of Utah, having a business address of Technology Transfer Office, 615 Arapeen 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.

> **PATENT** REEL: 027746 FRAME: 0119

Assignment
US Patent Application No. 11/133,067...
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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.

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PATENT REEL: 027746 FRAME: 0120

Assignment US Patent Application No. 11/133,667
Attorney Docket No. 23464.NP

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

Signed at Salt Lake C. H. H.T., this 17 day of May, 2005. city, state, country (If not USA) day month year

STATE OF Whah

County of Salt Lake)

Before me personally appeared Dale H. Clayton and acknowledged the foregoing instrument to be his free act and deed this 17th day of May . 2005.

NOTARY PUBLIC LESLIE S. ALBAUGH 615 Arapsen Dr., Ste. 310
Salt Lake City, Utah 84108
My Commission Expires
March 12, 2008
STATE OF UTAH

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PATENT REEL: 027746 FRAME: 0121 Assignment
US Patent Application No. 11/133,067
Attorney Docket No. 23464.NP

Signed at Sart Lake City, UT, this 13 day of May, 2005.

Signed:

STATE OF <u>UT</u>: ss County of <u>Salt Lake</u>;

Before me personally appeared Joseph S. Atkin and acknowledged the foregoing instrument to be his free act and deed this $13^{1/2}$ day of $100^{1/2}$, 2005.

NOTARY PUBLIC LESLIE S. ALBAUGH 615 Arapeen Dr., Ste, 310 Salt Lake City, Utah 64108 My Commission Expires Merch 12, 2008 STATE OF UTAH

Notary Public

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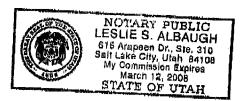
Assignment US PATENT APPLICATION NO. 11/133,067 Attorney Docket No. 23464.PROV

Signed at SIt Lake City UT, this 16 day of 1/2, 2005. eity, state, country (if not USA) day month year

Signed: Signed: Kevin G. Wilding

STATE OF Utak) County of Salt Lake

Before me personally appeared Kevin G. Wilding and acknowledged the foregoing instrument to be his free act and deed this 16th day of Man, 2005.



Les Ge Sallay

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PATENT REEL: 027746 FRAME: 0123

RECORDED: 02/22/2012