

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard W. Hofstetter</td> <td>08/05/2013</td> </tr> <tr> <td>Reagan McGuire</td> <td>07/31/2013</td> </tr> <tr> <td>David Dunn</td> <td>07/08/2013</td> </tr> </tbody> </table>		Name	Execution Date	Richard W. Hofstetter	08/05/2013	Reagan McGuire	07/31/2013	David Dunn	07/08/2013
Name	Execution Date								
Richard W. Hofstetter	08/05/2013								
Reagan McGuire	07/31/2013								
David Dunn	07/08/2013								
RECEIVING PARTY DATA									
Name:	ARIZONA BOARD OF REGENTS, acting for and on behalf of NORTHERN ARIZONA UNIVERSITY								
Street Address:	P. O. Box 4087								
City:	Flagstaff								
State/Country:	ARIZONA								
Postal Code:	86011-4087								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13992216</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13992216				
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Application Number:	13992216								
CORRESPONDENCE DATA									
Fax Number:	6029165517								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	602-916-5107								
Email:	sshields@fclaw.com								
Correspondent Name:	Susan Stone Rosenfield								
Address Line 1:	2394 No. Camelback Rd., Suite 600								
Address Line 2:	Fennemore Craig, P.C.								
Address Line 4:	Phoenix, ARIZONA 85016-3429								
ATTORNEY DOCKET NUMBER:	26814.031								
NAME OF SUBMITTER:	Susan Stone Rosenfield								
Signature:	/Susan Stone Rosenfield/								

CH \$40.00 13992216

Date:

08/08/2013

Total Attachments: 4

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ASSIGNMENT

This Assignment is made and executed by **Richard W. Hofstetter, Reagan McGuire and David Dunn** (hereinafter "Assignors"), to and in favor of **ARIZONA BOARD OF REGENTS, acting for and on behalf of NORTHERN ARIZONA UNIVERSITY**, having a business address of P.O. Box 4087, Flagstaff, Arizona 86011-4087 (hereinafter "Assignee").

Whereas each of the Assignors desires to assign his/her entire right, title and interest in and to the invention described in **U.S. Non-Provisional Patent Application No. 13/992,216 filed on June 6, 2013 and titled "USE OF ACOUSTICS TO DISRUPT AND DETER WOOD-INFESTING INSECTS AND OTHER INVERTEBRATES FROM AND WITHIN TREES AND WOOD PRODUCTS"** (hereinafter the "Patent Application") for valuable consideration; and whereas Assignee has provided such valuable consideration to the Assignors;

Accordingly, the Assignors warrant, covenant and agree as follows:

1. Each of the Assignors hereby sells, assigns and conveys to Assignee such Assignor's entire right, title and interest in and to the invention described in the Patent Application, including (i) the Patent Application itself and any substitute patent application based in whole or in part on the Patent Application, (ii) all national and regional patent applications claiming the priority of the Patent Application or resulting from or based on the Patent Application, whether pursued as a patent, an inventor's certificate, a utility model or the like, including all rights of priority based on the Patent Application, and all substitute, continuation, continuation-in-part and divisional applications based in whole or in part on any such national or regional applications, and (iii) all patents, inventor's certificates, utility models and the like resulting from any of the such applications, and any reissues and extensions thereof.

2. Each of the Assignors hereby sells, assigns and conveys to Assignee such Assignor's entire right, title and interest in and to (i) all counterparts to all or any part of the Patent Application that are not included in Paragraph 1 above and that have been or may be filed in any country or under the Patent Cooperation Treaty or other international treaty, whether pursued as a patent, an inventor's certificate, a utility model or the like, including all rights of priority based on the Patent Application or any counterpart, and all substitute, continuation, continuation-in-part and divisional applications based in whole or in part on any of the counterparts, and (iii) including all patents, inventor's certificates, utility models resulting from any of the counterparts, any reissues and extensions thereof.

3. Each of the Assignors hereby grants to Assignee the sole and exclusive right to prosecute the Patent Application and all related applications as described in Paragraphs 1 and 2 above, as well as any opposition proceedings, reissue applications, reexaminations, and nullity or invalidity proceedings. Each of the Assignors authorizes all governmental bodies having the power to issue patents, inventor's certificates or utility models to issue a patent, inventor's certificate or utility model based on the Patent Application or any related applications as described in Paragraphs 1 and 2 above in the name of Assignee.

ASSIGNMENT

Attorney Docket No. 26814-031

Title: "USE OF ACOUSTICS TO DISRUPT AND DETER WOOD-INFESTING INSECTS AND OTHER INVERTEBRATES FROM AND WITHIN TREES AND WOOD PRODUCTS"

U.S. Application No. 13/992,216

4. Each of the Assignors agrees upon request and without further consideration, but at Assignee's expense: (a) to assist Assignee in prosecuting the Patent Application and all related applications as described in Paragraphs 1 and 2 above, as well as opposition proceedings, reissue applications, reexaminations, and nullity or invalidity proceedings; (b) to provide Assignee with information concerning the Patent Application and the related applications described in Paragraphs 1 and 2 above to enable Assignee to obtain, secure and protect all of the rights, title and interest sold, assigned, conveyed and granted under this Assignment (the "Assigned Assets"); (c) to sign papers, take oaths and testify in legal proceedings to enable Assignee to obtain, secure and protect the Assigned Assets; and (d) to perform all acts reasonably necessary to enable Assignee to obtain, secure and protect the Assigned Assets, including assistance in any proceedings pertaining to the Patent Application and the related applications described in Paragraphs 1 and 2 above or to their enforcement.

5. Each of the Assignors warrants and covenants that such Assignor has the full right to sell, assign and convey the Assigned Assets, and that to his/her knowledge all of the Assigned Assets are free and clear of all mortgages, liens, security interests, charges, claims, royalty obligations and encumbrances of any nature whatsoever and that the Assignor has not executed and will not execute any agreement in conflict with this Assignment.

6. Assignee may assign the Assigned Assets in whole or in part. All references herein to Assignee include any successors or assigns of Assignee.

7. Each of the Assignors hereby authorizes any member of the firm of Fennemore Craig, P.C. to insert or complete any information, including but not limited to the patent application serial number, needed to effect this document's recordation with any appropriate governmental or other body, organization or office that provides for the recordation of assignments of assets such as those included in the Assigned Assets.

Aug 5, 2013
Date


Richard W. Hofstetter

State of AZ)
) ss.
County of Coconino)

On this 5 day of August, 2013, before me personally appeared Richard W. Hofstetter known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the foregoing instrument for the purposes therein contained.

My commission expires:




NOTARY PUBLIC

ASSIGNMENT

Attorney Docket No. 26814-031

Title: "USE OF ACOUSTICS TO DISRUPT AND DETER WOOD-INFESTING INSECTS AND OTHER INVERTEBRATES FROM AND WITHIN TREES AND WOOD PRODUCTS"

U.S. Application No. 13/992,216

7/31/2013
Date

Reagan McGuire
Reagan McGuire

State of AZ)
) ss.
County of Coconino)

On this 31 day of July, 2013, before me personally appeared Reagan McGuire known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the foregoing instrument for the purposes therein contained.

My commission expires: 8/15/16

Cindy L. Judge
NOTARY PUBLIC



Date

David Dunn

State of _____)
) ss.
County of _____)

On this ____ day of _____, 2013, before me personally appeared David Dunn known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the foregoing instrument for the purposes therein contained.

My commission expires:

NOTARY PUBLIC

ASSIGNMENT

Attorney Docket No. 26814-031

Title: "USE OF ACOUSTICS TO DISRUPT AND DETER WOOD-INFESTING INSECTS AND OTHER INVERTEBRATES FROM AND WITHIN TREES AND WOOD PRODUCTS"

U.S. Application No. 13/992,216

Date

Reagan McGuire

State of _____)
County of _____) ss.

On this ____ day of _____, 2013, before me personally appeared Reagan McGuire known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the foregoing instrument for the purposes therein contained.

My commission expires:

NOTARY PUBLIC

Date

7/8/13

David Dunn

State of New York)
County of Dutchess) ss.

On this 8 day of July, 2013, before me personally appeared David Dunn known to me to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the foregoing instrument for the purposes therein contained.

My commission expires:

NOTARY PUBLIC

Kimberly A. Alexander
KIMBERLY A. ALEXANDER
Notary Public, State of New York
Qualified in Dutchess County
Reg. #01AL5041323
Commission Expires 3/27/2015