

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee previously recorded on Reel 023367 Frame 0598. Assignor(s) hereby confirms the The Arizona Board of Regents on Behalf of the University of Arizona.								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ben Kollock Sternberg</td> <td>10/08/2009</td> </tr> <tr> <td>Steven Louis Dvorak</td> <td>10/08/2009</td> </tr> <tr> <td>Oleg Gennadyevich Krichenko</td> <td>10/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	Ben Kollock Sternberg	10/08/2009	Steven Louis Dvorak	10/08/2009	Oleg Gennadyevich Krichenko	10/08/2009
Name	Execution Date								
Ben Kollock Sternberg	10/08/2009								
Steven Louis Dvorak	10/08/2009								
Oleg Gennadyevich Krichenko	10/08/2009								
RECEIVING PARTY DATA									
Name:	The Arizona Board of Regents on behalf of the University of Arizona								
Street Address:	888 N. Euclid Ave., University Services Bldg., Rm. 204								
Internal Address:	P.O. Box 210158								
City:	Tucson								
State/Country:	ARIZONA								
Postal Code:	85721-0158								
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>12501231</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12501231				
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Application Number:	12501231								
CORRESPONDENCE DATA									
Fax Number:	(202)572-8398								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	202/772-5800								
Email:	Pumell@blankrome.com								
Correspondent Name:	Blank Rome LLP								
Address Line 1:	600 New Hampshire Avenue, N.W.								
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037								
ATTORNEY DOCKET NUMBER:	000259-00109								
NAME OF SUBMITTER:	Michael C. Greenbaum, 28,419								

CH \$40.00 12501231

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**PATENT
 REEL: 023714 FRAME: 0144**

Total Attachments: 7

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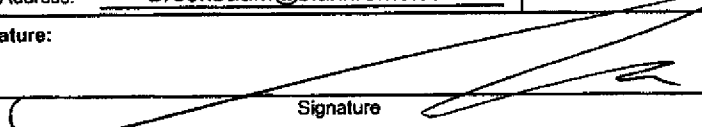
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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies): Ben Kollock STERNBERG Steven Louis DVORAK Oleg Gennadyevich KRICHENKO Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>UNIVERSITY OF ARIZONA</u> Internal Address: <u>University Services Bldg., Room 204</u> Street Address: 888 N. Euclid Ave., P.O. Box 210158 City: <u>Tucson</u> State: <u>AZ</u> Country: _____ Zip: <u>85721-0158</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>10/08/09, 10/08/09 & 10/09/09, respectively</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____			
4. Application or patent number(s): A. Patent Application No.(s) <u>12/501,231</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>MICHAEL C. GREENBAUM BLANK ROME LLP</u> Internal Address: <u>Atty. Dkt.: 000259-0109</u> Street Address: <u>600 New Hampshire Ave., NW</u> City: <u>Washington</u> State: <u>DC</u> Zip: <u>20037</u> Phone Number: <u>(202) 772-5800</u> Fax Number: <u>(202) 572-8398</u> Email Address: <u>Greenbaum@blankrome.com</u>		6. Total number of applications and patents involved: <input type="text" value="1"/> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
		8. Payment Information Deposit Account Number <u>23-2185</u> Authorized User Name <u>Michael C. Greenbaum</u>	
9. Signature:  Signature <u>Michael C. Greenbaum - Reg. No. 28,419</u> Name of Person Signing		Date <u>October 13, 2009</u> Total number of pages including cover sheet, attachments, and documents: <input type="text" value="9"/>	

ASSIGNMENT

THIS ASSIGNMENT, made on the date set forth below by Ben Kollock STERNBERG, Steven Louis DVORAK, and Oleg Gennadyevich KRICHENKO (hereinafter referred to as the Assignors), residing at 6702 N. Casas Adobes Dr., Tucson, AZ 85704-6124; 9330 E. Vallarta Drive, Tucson, AZ 85749; and 21 Parkhomenko Street, Apt. #12, Volgograd 400087, Russia, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in HIGH-SENSITIVITY SUBSURFACE SENSING SYSTEM set forth in an application for Letters Patent of the United States filed on July 10, 2009 as U.S. Application No. 12/501,231; and

WHEREAS, The Arizona Board of Regents on behalf of the University of Arizona, organized under and pursuant to the laws of the State of Arizona having its principal place of business at University Services Bldg., Rm. 204, 888 N. Euclid Ave., P.O. Box 210158, Tucson, AZ 85721-0158 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and

all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

AND for the same consideration, the said Assignors hereby covenant and agree to and with the said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said Assignors hereby covenant and agree to and with the said Assignee, its successors, legal representatives and assigns, that the said Assignors will, whenever counsel of the said Assignee or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, that any division, continuation or continuation-in-part of any application for Letters Patent, or reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required

to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to the said Assignors, their successors, legal representatives and assigns, but at the cost and expense of the said assignee, its successors, legal representatives and assigns.

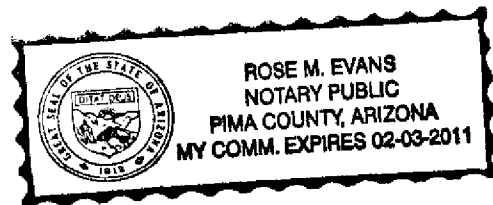
AND said assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to the said Assignee, as the Assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said Assignee, its successors, legal representatives and assigns.

The undersigned hereby grant the firm of Blank Rome LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 10/8/2009 *Ben Kollock Sternberg*
Ben Kollock STERNBERG
STATE OF AZ
COUNTY OF Pima

On this 8th day of October 2009, personally before me came Ben Kollock STERNBERG, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC *Rose M Evans*
My Commission Expires: Feb 3, 2011



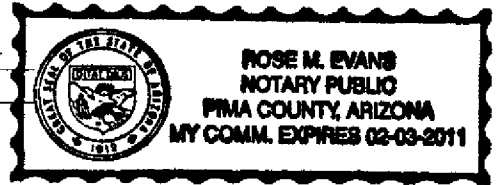
Date: 10/8/09

Steven Louis DVORAK
Steven Louis DVORAK

STATE OF AZ
COUNTY OF Pima

On this 8th day of October 2009, personally before me came Steven Louis DVORAK, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC Rose M Evans
My Commission Expires: Feb 3 2011



Date: _____

Oleg Gennadyevich KRICHENKO

STATE OF _____
COUNTY OF _____

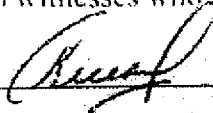
On this _____ day of _____ 2009, personally before me came Oleg Gennadyevich KRICHENKO, known to me, and known to me to be the person described in and who signed the annexed Assignment, and being duly sworn, acknowledged that they executed the same.

NOTARY PUBLIC _____
My Commission Expires: _____

Date: 9 October 2009


Oleg Gennadyevich KRICHENKO

Execution of this Assignment by Oleg Gennadyevich KRICHENKO has been witnessed by two witnesses who sign here:

Witness 

Witness 