

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3717596

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HOMAYOON HADDAD	03/05/2014
JUTAO JIANG	03/05/2014
RECEIVING PARTY DATA	
Name:	SIONYX, INC.
Street Address:	100 CUMMINGS CTR.
Internal Address:	SUITE 243-F
City:	BEVERLY
State/Country:	MASSACHUSETTS
Postal Code:	01915
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14884181
CORRESPONDENCE DATA	
Fax Number:	(617)204-5150
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	617 504 5100
Email:	stockelj@pepperlaw.com
Correspondent Name:	PEPPER HAMILTON LLP
Address Line 1:	125 HIGH ST
Address Line 2:	19TH FLOOR
Address Line 4:	BOSTON, MASSACHUSETTS 02110
NAME OF SUBMITTER:	ANDREW W. SCHULTZ
SIGNATURE:	/Andrew W. Scultz/
DATE SIGNED:	01/29/2016
Total Attachments: 4	
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WHEN RECORDED RETURN TO:
Todd B. Alder, Ph.D.
Thorpe North & Western, LLP
P.O. Box 1219
Sandy, UT 84091-1219

Docket No. 3035-060.NP

ASSIGNMENT

WHEREAS, we, Homayoon Haddad, resident of the State of OR, whose postal mailing address is 16460 SW Sanderling Ct., Beaverton, OR 97007; and Jutao Jiang, resident of the State of Or, whose postal mailing address is 15121 SW Kenton Dr., Tigard, OR 97224 (hereinafter "Assignor") have invented a certain new and useful improvement in a SHALLOW TRENCH TEXTURED REGIONS AND ASSOCIATED METHODS; for which an application for United States Letters Patent is being filed concurrently herewith OR which was filed on November 19, 2013 as THORPE NORTH & WESTERN L.L.P. Docket No. 3035-060.NP, and given U.S. Patent Application Serial No. 14/084,392; (Thorpe North & Western, LLP is hereby authorized to insert the specified data, when known), and

WHEREAS, SiOnyx, Inc., a corporation, organized and existing under the laws of the State of DE, having a business address of 100 Cummings Ctr. Suite 243-F, Beverly, MA 01915-6506 (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 us by the Assignee, the receipt and sufficiency whereof is hereby acknowledged, we the said Assignors, hereby sell, transfer, 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 provisionals, 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

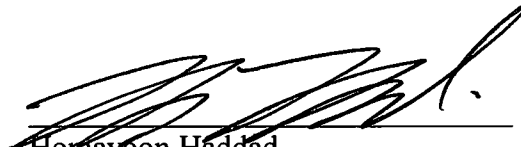
the United States and foreign countries; the right, power and authority to file and prosecute U.S. and foreign patent applications on said invention, and to do so in its own name wherever such right may be legally exercised, and including the right to claim the priority and benefits of the International 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 my entire interest, for the sole use and behoof of the said Assignee, its successors, assigns, heirs and legal representatives, to the full end of the term for which said Letters Patent and any reissues or extensions thereof 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 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, divisional, substitution, reissue, and other United States and foreign patent applications on said invention, and all lawful documents and instruments as requested by the Assignee to further the prosecution of any of such patent applications; and cooperation to the best of my ability including, but not limited to, the execution of all lawful documents and instruments and production of evidence in any actions or proceedings concerning the invention, including, but not limited to, interference, nullification, reissue, extension, and infringement proceedings and litigation involving said invention.

This assignment and agreement shall be binding upon assigns, successors, heirs and legal representatives of Assignor and Assignee.

Executed this 5 day of March, 2014 at Sionyx (place).


Homayoon Haddad

STATE OF _____)
: ss
County of _____)

Before me personally appeared Homayoon Haddad and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 2014.

Notary Public

Assignment of US Patent Application
Atty Docket No: 3035-060.NP
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Executed this 5 day of March, 2014 at Siompx Beaverton office (place).


Jutao Jiang

STATE OF _____)
: ss
County of _____)

Before me personally appeared Jutao Jiang and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 2014.

Notary Public