

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3669212

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARTIN U. PRALLE	04/03/2014
JEFFREY MCKEE	04/07/2014
JASON SICKLER	04/03/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SIONYX, INC.
<b>Street Address:</b>	100 CUMMINGS CTR.
<b>Internal Address:</b>	19TH FLOOR- HIGH STREET TOWER
<b>City:</b>	BEVERLY
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01915
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14747875
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	617 204 5100
<b>Email:</b>	stockelj@pepperlaw.com
<b>Correspondent Name:</b>	PEPPER HAMILTON LLP
<b>Address Line 1:</b>	125 HIGH ST
<b>Address Line 2:</b>	19TH FLOOR- HIGH STREET TOWER
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02110
<b>ATTORNEY DOCKET NUMBER:</b>	143705.05211
<b>NAME OF SUBMITTER:</b>	ANDREW W. SCHULTZ
<b>SIGNATURE:</b>	/Andrew W. Schultz/
<b>DATE SIGNED:</b>	12/22/2015
<b>Total Attachments: 5</b>	
source=3035-052.NP#page1.tif	
source=3035-052.NP#page2.tif	

source=3035-052.NP#page3.tif

source=3035-052.NP#page4.tif

source=3035-052.NP#page5.tif

WHEN RECORDED RETURN TO:  
Todd B. Alder, Ph.D.  
Thorpe North & Western, LLP  
P.O. Box 1219  
Sandy, UT 84091-1219

Docket No. 3035-052.NP

## ASSIGNMENT

WHEREAS, we, Martin U. Pralle (resident of the State of MA, whose postal mailing address is 15 Rice Spring Lane, Wayland, MA 01778), Jeffrey McKee (resident of the State of OR, whose postal mailing address is 22850 SW Eno Pl. Tualatin, OR 97062), and Jason Sickler (resident of the State of MA, whose postal mailing address is 53 Varnum Street Arlington, MA 02474), (hereinafter "Assignors") have invented a certain new and useful improvement in a **PIXEL ISOLATION ELEMENTS, DEVICES AND ASSOCIATED METHODS** for which an application for United States Letters Patent is being filed concurrently herewith OR which was filed on March 15, 2013 as THORPE NORTH & WESTERN, LLP Docket No. 3035-052.NP, and given U.S. Patent Application Serial No.13/841,120; (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 (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 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 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, 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; and 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, reissue, extension, and infringement proceedings involving said invention.

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

Assignment of US Patent Application  
Atty Docket No: 3035-052.NP  
Page 3 of 5

Executed this 3<sup>rd</sup> day of April, 2014 at Beverly, MA  
\_\_\_\_\_(place)


  
Martin U. Pralle

STATE OF \_\_\_\_\_ )  
: ss  
County of \_\_\_\_\_ )

Before me personally appeared Martin U. Pralle and acknowledged the foregoing  
instrument to be his free act and deed this \_\_\_ day of \_\_\_\_\_, 2014.

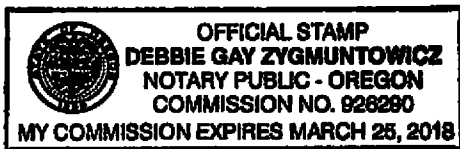
\_\_\_\_\_  
Notary Public

Executed this 7<sup>th</sup> day of April, 2014 at 1:28 PM Beaverton,  
OR (place)

  
\_\_\_\_\_  
Jeffrey McKee

STATE OF Oregon )  
County of Washington ) : ss

Before me personally appeared Jeffrey McKee and acknowledged the foregoing  
instrument to be his free act and deed this 7<sup>th</sup> day of April, 2014.



  
\_\_\_\_\_  
Notary Public

Executed this 3<sup>rd</sup> day of April, 2014 at  
(place)

  
Jason Sickler

STATE OF Connecticut )  
County of Middlesex ) ss.

Before me personally appeared Jason Sickler and acknowledged the foregoing instrument to be his free act and deed this 3 day of April, 2014.

Notary Public

DARLENE D. ALLEN  
NOTARY PUBLIC OF CONNECTICUT  
My Commission Expires 3/31/2018

