PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kevin L. Lear	05/17/2013
David S. Dandy	07/24/2013
Matthew D. Stephens	08/15/2013
Guangwei Yuan	02/21/2013

RECEIVING PARTY DATA

Name:	Colorado State University Research Foundation	
Street Address:	P.O. Box 483	
City:	Fort Collins	
State/Country:	COLORADO	
Postal Code:	80522	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13712425

CORRESPONDENCE DATA

Fax Number: 9704921101

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 970-492-1100

Email: kelleyk@patentlegal.com

Correspondent Name: Cochran Freund & Young LLC

Address Line 1: 2026 Caribou Drive

Address Line 2: Suite 201

Address Line 4: Fort Collins, COLORADO 80525

ATTORNEY DOCKET NUMBER:	CSUR.13USG1	
NAME OF SUBMITTER:	Heather Gifford	
Signature:	/Heather Gifford/	

502482222 REEL: 031134 FRAME: 0593

13712425

CH \$40 00 137

Date:	09/04/2013
Total Attachments: 5 source=CSUR13USG1_Assignment#page1 source=CSUR13USG1_Assignment#page2 source=CSUR13USG1_Assignment#page3 source=CSUR13USG1_Assignment#page4 source=CSUR13USG1_Assignment#page5	.tif .tif .tif

When recorded please return to: Cochran Freund & Young LLC 2026 Caribou Drive, Suite 201 Fort Collins, CO 80525

PATENT APPLICATION **DOCKET NO.: CSUR.13USG1 (05-041)**

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to Colorado State University Research Foundation (hereinafter Assignee), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

OPTICAL ANALYTE SENSOR

Filing date: December 12, 2012 Application No.: 13/712,425 and the invention(s) and improvement(s) set forth therein, and any and all provisionals, non-provisionals, continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letter Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/We additionally authorize Assignee to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to Assignee, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to Assignee or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Assignee.

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct Assignee's attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States

Patent and Trademark Office.	
IN WITNESS WHEREOF, I/we hereunto set my,	• • • • • • • • • • • • • • • • • • • •
perfect	Date Assignment Signed: Z013 MAY 17
Inventor's Signature (Seal)	
Inventor's Typed Name: Kevin L. Lear	
State of Colorado) ss.: County of Donumer)	
Before me this 17th day of 17th proved to me on the basis of satisfactory evidence to be the free act and deed.	, 2013, personally appeared Kevin L. Lear who is personally known or the person who acknowledged the foregoing instrument of assignment to be his



Notary Public
My commission expires: Jerley 2, 2013

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

		Date Assignment Signed:
Inventor's Signature (Sea		
Inventor's Typed Name:	David S. Dandy	
State of	\	
State of County of) ss.:	
County of) 33	
County of	,	
Before me this	day of	, 2013, personally appeared David S. Dandy who is personally known of
proved to me on the bas free act and deed.	is of satisfactory evide	ence to be the person who acknowledged the foregoing instrument of assignment to be h
		Notary Public
		My commission expires:
IN WITNESS V	WHEREOF, I/we herei	unto set my/our hand(s) and seal(s):
T	1\	Date Assignment Signed:
Inventor's Signature (Sea Inventor's Typed Name:		
inventor's Typeu Name.	Matthew D. Stephens	
State of)	
) ss.:	
State of)	
	. ,	
		, 2013, personally appeared Matthew D. Stephens who is personally known of
proved to me on the bas free act and deed.	is of satisfactory evide	ence to be the person who acknowledged the foregoing instrument of assignment to be h
		Notary Public
		My commission expires:

My commission expires:
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):
Inventor's Signature (Seal) Inventor's Typed Name: David S. Dandy
State of Colorado) ss.: County of Lanmer
Before me this 2 day of 7000, 2013, personally appeared David S. Dandy who is personally known proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his free act and deed.
Notaly Public My commission expires: Notaly Public My commission expires:
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):
Date Assignment Signed:
Inventor's Signature (Seal) Inventor's Typed Name: Matthew D. Stephens
State of
Before me this day of, 2013, personally appeared Matthew D. Stephens who is personally known proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be free act and deed.
Notary Public My commission expires:

Notary Public

Notary Public My commission expires:
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):
Date Assignment Signed:
Inventor's Signature (Seal) Inventor's Typed Name: David S. Dandy
State of)
) ss.: County of)
Before me this day of, 2013, personally appeared David S. Dandy who is personally known of proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his
free act and deed.
Notary Public
My commission expires:
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):
MH CAN CANA
Inventor's Signature (Seal) Date Assignment Signed: 8/15/2013
Inventor's Typed Name: Matthew D. Stephens
State of COLORAD 6)
State of COLORAD 6)) ss.: County of innine ()
Before me this 15th day of AUGUT, 2013, personally appeared Matthew D. Stephens who is personally known of proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his
free act and deed.
HOTARY ZG WITE
PUBLIC My commission expires: MAY 1672, 2016
F OF COLOR
My Comm. 2016 PATENT

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature (Seal) Inventor's Typed Name: Guangwei Yuan	Date Assignment Signed:	02/21/2013
State of Colorado)) ss.: County of Lacimer)		
County of <u>Lacimer</u>)		
Before me this 21st day of 420cuary proved to me on the basis of satisfactory evidence to be free act and deed.		Cadorem

PATENT REEL: 031134 FRAME: 0599

RECORDED: 09/04/2013