504766835 02/07/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4813563

CONVEYING PARTY DATA

Name	Execution Date
KEVIN KJOLLER	02/05/2018
CRAIG PRATER	02/05/2018
MICHAEL READING	07/17/2007
KONSTANTIN VODOPYANOV	05/20/2010

RECEIVING PARTY DATA

Name:	ANASYS INSTRUMENTS CORP		
Street Address:	325 CHAPALA STREET		
City:	SANTA BARBARA		
State/Country:	CALIFORNIA		
Postal Code:	93101		

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8418538

CORRESPONDENCE DATA

Fax Number: (805)569-3975

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.

Phone: 805-569-3975

Email: markrodgers@rtassociates.ws

Correspondent Name: MARK RODGERS
Address Line 1: 46 OLIVE MILL ROAD

Address Line 4: SANTA BARBARA, CALIFORNIA 93108

NAME OF SUBMITTER:	MARK RODGERS
SIGNATURE:	/Mark Rodgers/
DATE SIGNED:	02/07/2018

Total Attachments: 5

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PATENT 504766835 REEL: 044853 FRAME: 0324

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PATENT REEL: 044853 FRAME: 0325

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Anasys Instruments Corp. 325 Chapala Street, Santa Barbara, CA 93101

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

HIGH FREQUENCY DEFLECTION MEASUREMENT OF IR ABSORPTION

as set forth in this United States Patent:

8,418,538

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified Patent and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

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ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS Mark Rodgers, Agent, the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that Mark Rodgers, Agent, does not personally represent ASSIGNOR OR ASSIGNOR's legal interests, since said agent cannot provide legal advice to ASSIGNOR with respect to this Assignment. ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Kevin Kjoller
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Craig Prater

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Date		<u> </u>	2018

ASSIGNMENT OF PATENT RIGHTS

I, Michael Reading, a citizen of the United Kingdom residing at 7 Lovelstaithe, Norwich NR11LW, am one of the inventors of the inventions and improvements that are the subject of an application for United States patent protection entitled "High Frequency Deflection Measurement of IR Absorption," signed by me and filed May 15, 2007 and assigned U.S. Serial Number 11/803,421 ("Application"), and I authorize and request the agent appointed in the Application to hereafter complete this assignment by inserting above the filing date and serial number of the Application when known.

For good and valuable consideration of \$1, the receipt and sufficiency of which is hereby acknowledged. I hereby assign to Anasys Instruments Corp, having a place of business at 3944 State Street, Suite 345. Santa Barbara, CA 93105, to its successors and assigns (collectively hereafter "Assignee"), my entire right, title, and interest throughout the world in said inventions and improvements, in the Application, in any and all United States and foreign Letters Patent and similar legal protections granted for any of said inventions or improvements, and in all continuations, continuations-in-part, divisions, renewals, extensions, substitutes, or reissues of said patents and protections for the full term for which the same may be granted, together with the right to claim priority based on the filing date of the Application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purpose, and together with all income, royalties, damages, or payments due or payable, including without limitation all claims for damages by reason of infringement or other unauthorized use of the inventions and improvements, with the right to sue for and collect the same, all for Assignee's sole use and enjoyment.

I authorize and request the Commissioner for Patents in the United States Patent and Trademark Office, and all officials holding comparable positions in foreign countries, to issue to Assignee all Letters Patent and similar legal protections granted for said inventions and improvements, whether based on the Application or any foreign application, or on any continuations, continuations-in-part, divisions, renewals, extensions, substitutes, or reissues of said patents and protections.

I hereby covenant that I have not made or entered into and will not make or enter into any other assignment, sale, agreement, or encumbrance that conflicts with this assignment.

I authorize Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for myself and my respective heirs, legal representatives, and assigns, without further compensation, to perform all lawful acts, including the execution of documents and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing Letters Patent or like rights of exclusion in the United States and throughout the world for said inventions and improvements, and for perfecting, recording, and numeratining the title of Assignee to said inventions and improvements, the Application, any foreign applications, and any Letters Patent or like rights of exclusion granted for said inventions and improvements throughout the world.

MICHAEL READING		
net	Date: <u>17/7/07</u>	
(signature)		

\$38,3600,6317,0008 (3,3,600)

PATENT REEL: 044853 FRAME: 0329

ASSIGNMENT OF PATENT RIGHTS

1. Konstantin Vodopyanov, a citizen of the United States residing at 1093 Lenor Way, San Jose, CA 95128, am one of the inventors of the inventions and improvements that are the subject of an application for United States patent protection entitled "High Frequency Deflection Measurement of IR Absorption," signed by me and filed Dec 5, 2008 and assigned U.S. Serial Number 12/315,859 ("Application").

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4)

For good and valuable consideration of a royalty specified by the agreement dated 4th Oct 2006, the receipt and sufficiency of which is hereby acknowledged. I hereby assign to Anasys Instruments Corp, having a place of business at 25 W. Arapamu, Suite B. Santa Barbara, CA 93101, and to its successors and assigns (collectively hereafter "Assignee"), my entire right, title, and interest throughout the world in said inventions and improvements, in the Application, in any and all United States and foreign Letters Patent and similar legal protections granted for any of said inventions or improvements, and in all continuations, continuations-in-part, divisions renewals, extensions, substitutes, or reissues of said patents and protections for the full term for which the same may be granted, together with the right to claim priority based on the filing date of the Application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purpose, and together with all income, royalties, damages, or payments due or payable, including without limitation all claims for damages by reason of infringement or other unauthorized use of the inventions and improvements, with the right to sue for and collect the same, all for Assignee's sole use and enjoyment

I authorize and request the Commissioner for Patents in the United States Patent and Trademark Office, and all officials holding comparable positions in foreign countries, to issue to Assignee all Letters Patent and similar legal protections granted for said inventions and improvements, whether based on the Application or any foreign application, or on any continuations, continuations-in-part, divisions, renewals, extensions, substitutes, or reissues of said patents and protections.

I hereby covenant that I have not made or entered into and will not make or enter into any other assignment, sale, agreement, or encumbrance that conflicts with this assignment.

I authorize Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for myself and my respective beirs, legal representatives, and assigns, without further compensation, to perform all lawful acts, including the execution of documents and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing, or enforcing Letters Patent or like rights of exclusion in the United States and throughout the world for said inventions and improvements, and for perfecting, recording, and maintaining the title of Assignee to said inventions and improvements, the Application, any foreign applications, and any Letters Patent or like rights of exclusion granted for said inventions and improvements throughout the world.

Konstantin Vodopyanov

1945 Date: 5/20/20/0

PATENT

REEL: 044853 FRAME: 0330

RECORDED: 02/07/2018

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