504384226 05/25/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4430922

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GREGORY O. ANDREEV	03/20/2014
CHANMIN SU	08/09/2016

RECEIVING PARTY DATA

Name:	BRUKER NANO, INC.
Street Address:	112 ROBIN HILL ROAD
City:	SANTA BARBARA
State/Country:	CALIFORNIA
Postal Code:	93117

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15256071

CORRESPONDENCE DATA

Fax Number: (414)225-9753

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: 4142259755

Email: docketing@boylefred.com

Correspondent Name: JAY G. DURST

Address Line 1: 840 N. PLANKINTON AVE.

Address Line 4: MILWAUKEE, WISCONSIN 53203

ATTORNEY DOCKET NUMBER:	528.644
NAME OF SUBMITTER:	JAY G. DURST
SIGNATURE:	/Jay G. Durst/
DATE SIGNED:	05/25/2017

Total Attachments: 3

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PATENT 504384226 REEL: 042506 FRAME: 0641

ASSIGNMENT

WHEREAS, I, Gregory O. Andreev, have made a certain new and useful invention for which I am about to make application for Letters Patent of the United States, which application may be identified in the United States Patent Office as Serial No. 14/217,099, filed March 17, 2014, and based on a provisional application which may be identified in the United States Patent Office as Serial No. 61/802,094, filed March 15, 2013 each of which is entitled:

Peakforce Photothermal-Based De	tection of IR Nanoabsor	ption	
Peakforce Photothermal-Based De	(Executed:	3/20/14	ر
VHEREAS, Bruker Nano, Inc., a corporation organized and	existing under and by virtue	of the laws of the State	of

WHEREAS, Bruker Nano, Inc., a corporation organized and existing under and by virtue of the laws of the State of Arizona and having its principal place of business in Santa Barbara, California, is desirous of acquiring the entire interest in and to said invention, said application and the Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to me in hand paid, the receipt and sufficiency whereof are hereby acknowledged, I have sold, assigned, and set over and by these presents do hereby sell, assign, and set over unto the said **Bruker Nano**, **Inc.**, and said assignee's legal representative, successors and assigns, the entire right, title and interest in and to any and all applications including the aforesaid application, for Letters Patent heretofore and hereafter filed in the United States or any other country and which may be based in whole or in part on said inventions and discoveries, and in and to any and all Letters Patent heretofore or hereafter granted by the United States or any other country and which may be based in whole or in part on said inventions and discoveries, said assignment including the right to file and prosecute any and all such applications and also including the right to sue and recover for any and all infringements of said patents; and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this assignment.

I HEREBY AUTHORIZE the law firm of Boyle Fredrickson S.C., and all attorneys associated with Customer Account No. 23598 the power to insert in this instrument any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

UPON SAID CONSIDERATION, I do hereby covenant for myself and my heirs, legal representatives and assigns that neither I nor any of my said heirs, legal representatives or assigns have or will execute any instrument or perform any act in conflict herewith and that I or my said heirs, legal representatives and assigns will at all times do such acts and execute such papers, without expense to ourselves, as may be necessary or desirable in order to fully protect said inventions and discoveries for the benefit of said assignee, its successors or assigns, and to otherwise carry into full force and effect the text and interest of this assignment.

IN WITNESS WHEREOF, I have hereunto set my ha	and and affixed my seal.	9
Date: 3/20/14 STATE OF (4/5/4)	Gregory O. Androev	(SEAL)
STATE OF California) ss. Sanda Parhea COUNTY)		
On this 20th day of Much, 20 Gregory O. Andreev, who is personally known to foregoing instrument, and he acknowledged that he	to me to be the same person whose signed, sealed and delivered the sai	e name is subscribed to the
voluntary act for the uses and purposes therein set forth	Notary Public, State of Color My Commission: #1427 945	(SEAL)
My Term Exp. Morro: 3 2018		Ţ

{00607924.DOCX / } Attorney Docket No. 528.533

ASSIGNMENT

WHEREAS, I, Chanmin Su, have made a certain new and useful invention for which I have made application for Letters Patent of the United States, which application may be identified in the United States Patent Office as Serial No. 14/217,099, filed March 17, 2014, and issued as Patent No. 8,955,161 on February 10, 2015, which is entitled:

Peakforce Photothermal-Based Detection of IR Nanoabsorption

WHEREAS, Bruker Nano, Inc., a corporation organized and existing under and by virtue of the laws of the State of Arizona and having its principal place of business in Santa Barbara, California, is desirous of acquiring my entire interest in and to said invention, said application and the Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to me in hand paid, the receipt and sufficiency whereof are hereby acknowledged, I have sold, assigned, and set over and by these presents do hereby sell, assign, and set over unto the said **Bruker Nano**, **Inc.**, and said assignee's legal representative, successors and assigns, my entire right, title and interest in and to any and all applications including the aforesaid application, for Letters Patent heretofore and hereafter filed in the United States or any other country and which may be based in whole or in part on said inventions and discoveries, and in and to any and all Letters Patent heretofore or hereafter granted by the United States or any other country and which may be based in whole or in part on said inventions and discoveries, said assignment including the right to file and prosecute any and all such applications and also including the right to sue and recover for any and all such applications and also including the right to sue and recover for any and all infringements of said patents; and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this assignment.

I HEREBY AUTHORIZE the law firm of Boyle Fredrickson S.C., and all attorneys associated with Customer Account No. 23598 the power to insert in this instrument any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

UPON SAID CONSIDERATION, I do hereby covenant for myself and my heirs, legal representatives and assigns that neither I nor any of my said heirs, legal representatives or assigns have or will execute any instrument or perform any act in conflict herewith and that I or my said heirs, legal representatives and assigns will at all times do such acts and execute such papers, without expense to myself, as may be necessary or desirable in order to fully protect said inventions and discoveries for the benefit of said assignee, its successors or assigns, and to otherwise carry into full force and effect the text and interest of this assignment.

IN WITNESS WHEREOF, I have hereunto set my ha	ind and affixed my seal.)
Date: 8/9/2016	Chanmin Su (SEAL)
STATE OF)	
) §s. COUNTY)	
On thisday of	16 before me, a notary public in and for said county, appeared
	be the same person whose name is subscribed to the foregoing led and delivered the said instrument as his free and voluntary act (SEAL)
	Notary Public, State of
{00982794·DOCX / }	Notary Public, State of
Attorney Docket No. 528.533	701

PATENT REEL: 042506 FRAME: 0643

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A notary public or other officer completing this certificate verifie document to which this certificate is attached, and not the truth	s only the identity of the individual who signed the fulness, accuracy, or validity of that document.
State of California	s.s.
County of Santa Kanbana	3.3.
On 8/9/16 before me, Kim R	asher, Notary Public,
personally appeared chankin SU	Numer of Signer (S)
	•
who proved to me on the basis of satisfactory evideris/are subscribed to the within instrument and acknowled the same in his/her/their authorized capacity(ies), and instrument the person(s), or the entity upon behalf of instrument.	owledged to me that he/she/they executed and that by his/her/their signature(s) on the f which the person(s) acted, executed the
I certify under PENALTY OF PERJURY under the la of the State of California that the foregoing paragrap true and correct.	
WITNESS my hand and official seal.	KIM RASHER COMM. #2055900 z
Kuni Rashi	Notary Public · California Santa Barbara County My Comm. Expires Jan. 25, 2018
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containing pages, and dated now is/are as:	Proved to me on the basis of satisfactory evidence: form(s) of identification credible witness(es) Notarial event is detailed in notary journal on: Page # 15 Entry # 3 Notary contact: Other Additional Signer Signer(s) Thumbprints(s)
Containing pages, and dated The signer(s) capacity or authority is/are as: Individual(s) Attorney-in-fact Corporate Officer(s) Guardian/Conservator Partner - Limited/General Trustee(s)	Proved to me on the basis of satisfactory evidence: form(s) of identification credible witness(es) Notarial event is detailed in notary journal on: Page # 15 Entry # 3 Notary contact:
document titled/for the purpose of A521 914 Month Learner First Containing I pages, and dated	Proved to me on the basis of satisfactory evidence: form(s) of identification credible witness(es) Notarial event is detailed in notary journal on: Page # 15 Entry # 3 Notary contact: Other Additional Signer Signer(s) Thumbprints(s)
Individual(s) Attorney-in-fact Corporate Officer(s) Guardian/Conservator Partner - Limited/General Trustee(s)	Proved to me on the basis of satisfactory evidence: form(s) of identification credible witness(es) Notarial event is detailed in notary journal on: Page # / S Entry # 3 Notary contact: Other Additional Signer Signer(s) Thumbprints(s)

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RECORDED: 05/25/2017

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