

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kevin QU</td> <td>01/11/2012</td> </tr> <tr> <td>Anthony SFERRUZZA</td> <td>02/13/2013</td> </tr> <tr> <td>Ke ZHANG</td> <td>01/11/2012</td> </tr> <tr> <td>Yan LIU</td> <td>01/11/2012</td> </tr> <tr> <td>Renius OWEN</td> <td>01/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kevin QU	01/11/2012	Anthony SFERRUZZA	02/13/2013	Ke ZHANG	01/11/2012	Yan LIU	01/11/2012	Renius OWEN	01/11/2012
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Ke ZHANG	01/11/2012												
Yan LIU	01/11/2012												
Renius OWEN	01/11/2012												
RECEIVING PARTY DATA													
Name:	Quest Diagnostics Investments Incorporated												
Street Address:	300 Delaware Avenue												
City:	Wilmington												
State/Country:	DELAWARE												
Postal Code:	19899												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13728053</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13728053								
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CORRESPONDENCE DATA													
Fax Number:	2026725399												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	2026725300												
Email:	PTOMailWashington@foley.com												
Correspondent Name:	Foley & Lardner LLP												
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Address Line 2:	Suite 500												
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20007												
ATTORNEY DOCKET NUMBER:	054769-9956												
NAME OF SUBMITTER:	Kristel Schorr												

OP \$40.00 13728053

Signature:	/Kristel Schorr/
Date:	04/08/2013
Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif	

ASSIGNMENT - WORLDWIDE

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

Quest Diagnostics Investments Incorporated
300 Delaware Avenue
Wilmington, Delaware 19899

(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

MICRORNA PROFILING FOR DIAGNOSIS OF DYSPLASTIC NEVI AND MELANOMA

as set forth in this United States Patent Application

check one executed concurrently herewith,
 executed on _____,
 Serial No. 61/581,571 Filed 12/29/2011

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application 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.

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 to the law firm of **Foley & Lardner LLP** 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 the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 11 day of January, 2012.

[Signature]
KEVIN QU

State of California)
County of Orange)

On this 11 day of January, 2012, before me, Catherine Coffman (a notary public in and for said county), personally appeared KEVIN QU, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal.

Signature [Signature]



My Commission Expires: 6/27/2012

(Seal)

Executed this 13th day of February, 2013

[Signature]
ANTHONY SFERRUZZA

State of California)
County of Orange)

On this 13th day of February, 2013 before me, Donna Boone (a notary public in and for said county), personally appeared ANTHONY SFERRUZZA, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument

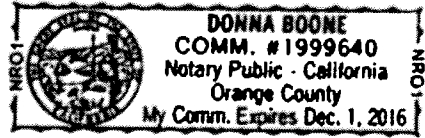
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal

Signature [Signature]

My Commission Expires 12-1-2016

(Seal)



Executed this 11 day of January, 2012.

KE ZHANG
KE ZHANG

State of California)
County of Orange)

On this 11 day of January, 2012, before me, Catherine Coffman (a notary public in and for said county), personally appeared KE ZHANG, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal.

Signature Catherine Coffman

My Commission Expires 6/27/2012



(Seal)

Executed this 11 day of January, 2012.

YAN LIU
YAN LIU

State of California)
County of Orange)

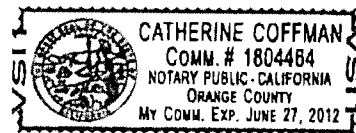
On this 11 day of January, 2012, before me, Catherine Coffman (a notary public in and for said county), personally appeared YAN LIU, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal

Signature Catherine Coffman

My Commission Expires 6/27/2012



(Seal)

Executed this 11 day of January, 2012.



RENIUS OWEN

State of California)

County of Orange)

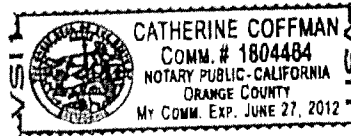
On this 11 day of January, 2012, before me, Catherine Coffman (a notary public in and for said county), personally appeared RENIUS OWEN, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal.

Signature Catherine Coffman

My Commission Expires: 6/27/2012



(Seal)

Credit Card Authorization Confirmation Receipt

Client/Matter Number: 054769-9956
Client Name: QUEST DIAGNOSTICS, INC.
Matter Description: US UTILITY PAT. APPLN. (BASED ON PAT. APPLN. NO. 61/581,571) FOR : MICRORNA PROFILING FOR DIAGNOSIS OF DYSPLASTIC NEVI AND MELANOMA
DenneMeyer ID: 054769-9956
**Serial Number/
Case Information:** United States of America Patent Application 13/728053; MICRORNA PROFILING FOR DIAGNOSIS OF DYSPLASTIC NEVI AND MELANOMA; Kevin Qu, Et al.
Amount: \$40.00
Fee Description: assignment
Credit Card #: VISA 4715634049366036
Authorization Code: 509
Expiration Date: 11/30/2014
Name on Credit Card: Kristel Schorr
Status: Submitted

Transaction Code: RGVEUJ