502345178 05/13/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRADLEY SCOTT THOMAS	03/21/2013
SUGANTHI RAMACHANDRAN	04/08/2013
JASON A. TROXELL	03/21/2013
BOWEN CUI	03/21/2013
CARL THEODORE EDENS	04/02/2013
ANDREW LEONARD	03/22/2013
BERT JUNGHEIM	03/17/2013

RECEIVING PARTY DATA

Name:	QIAGEN GAITHERSBURG, INC.		
Street Address:	1201 CLOPPER ROAD		
City:	GAITHERSBURG		
State/Country:	MARYLAND		
Postal Code:	20878		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13657637

CORRESPONDENCE DATA

Fax Number: 6104070701

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

Phone: 610-407-0700

Email: sseiler@ratnerprestia.com

Correspondent Name: Michael P.F. Phelps

Address Line 1: 1235 Westlakes Drive, Suite 301

Address Line 2: Ratner Prestia

Address Line 4: Berwyn, PENNSYLVANIA 19312

ATTORNEY DOCKET NUMBER: QIA-121US

P \$40,00 13657637

NAME OF SUBMITTER:	MICHAEL P.F. PHELPS	
Signature: /Michael Phelps/		
Date:	05/13/2013	
Total Attachments: 21 source=QIA-121USASSIGNMENT#page1.t source=QIA-121USASSIGNMENT#page2.t source=QIA-121USASSIGNMENT#page3.t source=QIA-121USASSIGNMENT#page4.t source=QIA-121USASSIGNMENT#page5.t source=QIA-121USASSIGNMENT#page6.t source=QIA-121USASSIGNMENT#page7.t source=QIA-121USASSIGNMENT#page8.t source=QIA-121USASSIGNMENT#page9.t source=QIA-121USASSIGNMENT#page10 source=QIA-121USASSIGNMENT#page11 source=QIA-121USASSIGNMENT#page12 source=QIA-121USASSIGNMENT#page13 source=QIA-121USASSIGNMENT#page14 source=QIA-121USASSIGNMENT#page15 source=QIA-121USASSIGNMENT#page16 source=QIA-121USASSIGNMENT#page17 source=QIA-121USASSIGNMENT#page18 source=QIA-121USASSIGNMENT#page18 source=QIA-121USASSIGNMENT#page18 source=QIA-121USASSIGNMENT#page18 source=QIA-121USASSIGNMENT#page19 source=QIA-121USASSIGNMENT#page19	if i	

PATENT REEL: 030403 FRAME: 0749

			···			
COMBINED		RATION/ASSIGNMENT - Application	Docket Number: QIA-121US			
Whereas, the Ass	Whereas, the Assignor, comprising the following named inventors:					
	1. BR/	BRADLEY SCOTT THOMAS		SUGANTHI RAMACHANDRAN		
ASSIGNOR(s)/ INVENTOR(s)	3. JAS	SON A. TROXELL	4.	BOWEN CUI		
	5. CAF	RL THEODORE EDENS	6.	ANDREW SCOTT LEONARD		
	7. BEF	RT JUNGHEIM		·	············	
made an inventior	n entitled:	SAMPLE PROCESSING APPARAT	US AND	METHODS		
for which an appli (Select one of the fo		Letters Patent of the United States	(the Ap	plication):		
is submitted concurrently herewith was filed in the U.S. Patent and Trademark Office on October 22, 2012, as U.S. Patent Application Serial No.: 13/657,637						
ASSIGNEE (Full Name and Address) QIAGEN GAITHERSBURG, INC. 1201 CLOPPER RD. GAITHERSBURG, MD 20878						

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

Assignor authorizes Assignor's attorney to insert the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

Page 1 of 3

PAGE 1 0703 1670257-1

Docket Number: QIA-121US

Declaration:

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

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I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

		Typed or Printed Name	Signature	Date
	1.	BRADLEY SCOTT THOMAS	Bradley Scott Florian	21 Mar 2013
			*Witness to Assignor #1	3/21/2013
	2.	SUGANTHI RAMACHANDRAN	Withest to Assignor #1	
			* Witness to Assignor #2	
	3.	JASON A. TROXELL		
•			-	
SIGNATURE			* Witness to Assignor #3	
	4.	BOWEN CUI		
			* Witness to Assignor #4	
	5.	CARL THEODORE EDENS	· · · · · · · · · · · · · · · · · · ·	
•				
			*Witness to Assignor #5	

COMBINED DECLARATION/ASSIGNMENT Patent Application 6 ANDREW SCOTT LEONARD * Witness to assignor #6 7. BERT JUNGHEIM * Witness to assignor #7 Application for United States Letters Patent: Serial No.: 13/657,637 Filed: OCTOBER 22, 2012 Attorney Docket Number: QIA-121US

Total Number of Assignment Pages

REEL: 030403 FRAME: 0752

COMBINED DECLARATION/ASSIGNMENT - Patent Application			Docket Number: QIA-121US		
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	1. BR/	RADLEY SCOTT THOMAS		SUGANTHI RAMACHANDRAN	
ASSIGNOR(s)/ INVENTOR(s)	3. JAS	ASON A. TROXELL		BOWEN CUI	
	5. CAF	RL THEODORE EDENS	6.	ANDREW SCOTT LEONARD	
	7. BEF	RT JUNGHEIM			
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	3.	JASON A. TROXELL	Withess to Assignor #2	
	-			
SIGNATURE			* Witness to Assignor #3	
	4.	BOWEN CUI		
			* With and to Agricular #4	
			* Witness to Assignor #4	
	5.	CARL THEODORE EDENS		·
			*Witness to Assignor #5	

COMBINED DECLARATION/ASSIGNMENT -Docket Number: QIA-121US **Patent Application** ANDREW SCOTT LEONARD 6 * Witness to assignor #6 7. **BERT JUNGHEIM** * Witness to assignor #7 Application for United States Letters Patent: Serial No.: 13/657,637 Filed: OCTOBER 22, 2012 Attorney Docket Number: **QIA-121US**

Total Number of Assignment Pages 3

COMBINED DECLARATION/ASSIGNMENT - Patent Application			Docke	et I	Number: QIA-121US	
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	3.	JASON A. TROXELL	Man d. Jul	21 MARCH 2013 3/21/2013
SIGNATURE	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		*Witness to Assignor #3	3/21/2013
	4.	BOWEN CUI		
			* Witness to Assignor #4	
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Page 1 of 3 **RVA Fig. N**603 1670257-1

Docket Number: QIA-121US

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SIGNATURE			* Witness to Assignor #3	
	4.	BOWEN CUI	17200	3/21/2013
			* Witness to Assignor #4	3/21/2013
	5.	CARL THEODORE EDENS		
			*Witness to Assignor #5	

COMBINED DECLARATION/ASSIGNMENT - Patent Application 6 ANDREW SCOTT LEONARD * Witness to assignor #6 7. BERT JUNGHEIM * Witness to assignor #7 Application for United States Letters Patent: Serial No.: 13/657,637 Filed: OCTOBER 22, 2012 Attorney Docket Number: QIA-121US

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		, .			•
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,	l				,
			* Witness to Assignor #4	***************************************	
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			syndelf	4/:	2/13
			*Witness to Assignor #5	/ -/	

Docket Number: QIA-121US **Patent Application** ANDREW SCOTT LEONARD * Witness to assignor #6 7. **BERT JUNGHEIM** * Witness to assignor #7 Application for United States Letters Patent: Serial No.: <u>13/657,637</u> Filed: OCTOBER 22, 2012 Attorney Docket Number: **QIA-121US**

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	2.	SUGANTHI RAMACHANDRAN			
•					
•		Macron broken a galastella (1818), macroti (1818), palastella (1818) a committe de la casa de la Casa de la Ca	* Witness to Assignor #2		
	3.	JASON A. TROXELL			

SIGNATURE			* Witness to Assignor #3		
	4.	BOWEN CUI			
		•		-	
			* Witness to Assignor #4	arranda.	
	5.	CARL THEODORE EDENS			
			*Witness to Assignor #5		

Docket Number: QIA-121US

6	andrew.scottleonard and objection	Synchol Sunf * Witness to assignor #6	<u>03/22/13</u> 3/20/13
7.	BERT JUNGHEIM		
		* Witness to assignor #7	

Application for United States Letters Patent:

Serial No.:

13/657,637

Filed:

OCTOBER 22, 2012

Attorney Docket Number:

QIA-121US

Total Number of Assignment Pages

* Witness signature recommended, mandatory for some countries

COMBINED		RATION/ASSIGNMENT - Application	Docket	Number: QIA-121US		
Whereas, the Ass	Whereas, the Assignor, comprising the following named inventors:					
	1. BRA	1. BRADLEY SCOTT THOMAS		SUGANTHI RAMACHANDRAN		
ASSIGNOR(s)/ INVENTOR(s)	3. JAS	SON A. TROXELL		BOWEN CUI		
	5. CAF	5. CARL THEODORE EDENS		ANDREW SCOTT LEONARD		
AND THE PROPERTY OF THE PROPER	7. BEF	RT JUNGHEIM				
made an invention	n entitled:	SAMPLE PROCESSING APPARAT	US AND	METHODS		
for which an appli (Select one of the fo		Letters Patent of the United States	(the Ap	plication):		
is submitted concurrently herewith was filed in the U.S. Patent and Trademark Office on October 22, 2012, as U.S. Patent Application Serial No.: 13/657,637						
ASSIGNEE (Full Name and Address) QIAGEN GAITHERSBURG, INC. 1201 CLOPPER RD. GAITHERSBURG, MD 20878						

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

Assignor authorizes Assignor's attorney to insert the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

PATENT Page 1 of 3

REEL: 030403 FRAME: 0768

Docket Number: QIA-121US

Declaration:

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

As a below named inventor, I declare that the Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

		Typed or Printed Name	Signature		Date
	1.	BRADLEY SCOTT THOMAS		_	
			* Witness to Assignor #1		
	2.	SUGANTHI RAMACHANDRAN	William to ranging 72		

		ALPHANITE TO THE TOTAL CONTROL OF THE TOTAL CONTROL OT THE TOTAL CONTROL OF THE TOTAL CONTROL	* Witness to Assignor #2	***************************************	
	3.	JASON A. TROXELL			
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SIGNATURE		yanyari unfariring _{dilag} aring proposition of every aparticular considerabilists (444 fill).	* Witness to Assignor #3	**************************************	apaysia arabaha est estaka i separa issipanakan industria issibili di dikanakan di panja
	4.	BOWEN CUI			
				_	
		MCCHINGO, Ambino, ambi	* Witness to Assignor #4	**************************************	
	5.	CARL THEODORE EDENS		 -	
a.					
٠			*Witness to Assignor #5	***************************************	

PAIENI Page 2 of 3
REEL: 030403 FR/AM/E2/60769

Docket Number: QIA-121US

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6 ANDREW	SCOTT LEONARD		
		* Witness to assignor #6	
7. BERT JU	JNGHEIM	by Deport com	03-17-7013
MICHAELI	7 JUNGHEIM	Or hi	03-17-2013 03-17-2013
Land April 1997 April	#ПР Чаннациа из Альяний профессиона меня под Алефация	Witness to assignor #7	
Application for United States	Letters Patent:		
Serial No.:	13/657,6	<u>37</u>	
Filed:	<u>OCTOB</u>	ER 22, 2012	
Attorney Docket Number:	QIA-121	<u>us</u>	
Total Number of Assignment	Pages 3	* Witness signature recommend	ed, mandatory for some countries

RECORDED: 05/13/2013