

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>BRADLEY SCOTT THOMAS</td> <td>09/15/2013</td> </tr> <tr> <td>EDWARD MEDRI</td> <td>08/02/2013</td> </tr> <tr> <td>CARL THEODORE EDENS</td> <td>07/12/2013</td> </tr> <tr> <td>BRIAN AUSTIN SELF</td> <td>07/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	BRADLEY SCOTT THOMAS	09/15/2013	EDWARD MEDRI	08/02/2013	CARL THEODORE EDENS	07/12/2013	BRIAN AUSTIN SELF	07/24/2013
Name	Execution Date										
BRADLEY SCOTT THOMAS	09/15/2013										
EDWARD MEDRI	08/02/2013										
CARL THEODORE EDENS	07/12/2013										
BRIAN AUSTIN SELF	07/24/2013										
RECEIVING PARTY DATA											
Name:	QIAGEN GAITHERSBURG, INC										
Street Address:	1201 CLOPPER ROAD										
City:	GAITHERSBURG										
State/Country:	MARYLAND										
Postal Code:	20878										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13840708</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13840708						
Property Type	Number										
Application Number:	13840708										
CORRESPONDENCE DATA											
Fax Number:	(610)407-0701										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	610-407-0700										
Email:	kreid@ratnerprestia.com										
Correspondent Name:	RATNERPRESTIA										
Address Line 1:	PO BOX 980										
Address Line 4:	VALLEY FORGE, PENNSYLVANIA 19482										
ATTORNEY DOCKET NUMBER:	QIA-118US										
NAME OF SUBMITTER:	MICHAEL P.F. PHELPS										
Signature:	/Michael Phelps/										

Date:

10/02/2013

Total Attachments: 8

source=Assignment#page1.tif

source=Assignment#page2.tif

source=Assignment#page3.tif

source=Assignment#page4.tif

source=Assignment#page5.tif

source=Assignment#page6.tif

source=Assignment#page7.tif

source=Assignment#page8.tif

**COMBINED DECLARATION/ASSIGNMENT -
Patent Application**

Docket Number: **QIA-118US**

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/ INVENTOR(s)	1. BRADLEY SCOTT THOMAS	2. EDWARD MEDRI
	3. CARL THEODORE EDENS	4. BRIAN AUSTIN SELF
	5.	6.

made an invention entitled: **VISION-GUIDED ASPIRATION APPARATUS AND METHODS**

for which an application for Letters Patent of the United States (the Application):
(Select one of the following):

- is submitted concurrently herewith
 was filed in the U.S. Patent and Trademark Office on ,
as U.S. Patent Application Serial No.:

ASSIGNEE (Full Name and Address)	QIAGEN GAITHERSBURG, INC. 1201 CLOPPER ROAD GAITHERSBURG, MD 20878
-------------------------------------	---

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

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.

**COMBINED DECLARATION/ASSIGNMENT -
Patent Application**

Docket Number: QIA-118US

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	<u>Bradley S Thomas</u>	<u>15 Sept 2013</u>
	<u>Jan Thomas</u> *Witness	<u>15 Sept. 2013</u>
2. EDWARD MEDRI	_____	_____
	_____	_____
	* Witness	
3. CARL THEODORE EDENS	_____	_____
	_____	_____
	* Witness	
4. BRIAN AUSTIN SELF	_____	_____
	_____	_____
	* Witness	
5.	_____	_____
	_____	_____
	*Witness	
6	_____	_____
	_____	_____
	* Witness	

Application for United States Letters Patent:

Serial No.: 13/840,708

Filed: March 15, 2013

Attorney Docket Number: QIA-118US

Total Number of Assignment Pages 2

* Witness signature recommended, mandatory for some countries

**COMBINED DECLARATION/ASSIGNMENT -
Patent Application**

Docket Number: QIA-118US

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/ INVENTOR(s)	1. BRADLEY SCOTT THOMAS	2. EDWARD MEDRI
	3. CARL THEODORE EDENS	4. BRIAN AUSTIN SELF
	5.	6.

made an invention entitled: VISION-GUIDED ASPIRATION APPARATUS AND METHODS

for which an application for Letters Patent of the United States (the Application):

(Select one of the following):

- is submitted concurrently herewith
 was filed in the U.S. Patent and Trademark Office on ,
as U.S. Patent Application Serial No.:

ASSIGNEE
(Full Name and Address)

**QIAGEN GAITHERSBURG, INC.
1201 CLOPPER ROAD
GAITHERSBURG, MD
20878**

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

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.

**COMBINED DECLARATION/ASSIGNMENT -
Patent Application**

Docket Number: QIA-118US

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	_____
2. EDWARD MEDRI	<i>Edward Medri</i>	2 Aug 2013
	* Witness	_____
3. CARL THEODORE EDENS	_____	_____
	* Witness	_____
4. BRIAN AUSTIN SELF	_____	_____
	* Witness	_____
5.	_____	_____
	*Witness	_____
6	_____	_____
	* Witness	_____

SIGNATURE

Application for United States Letters Patent:

Serial No.: 13/840,708
Filed: March 15, 2013
Attorney Docket Number: QIA-118US

Total Number of Assignment Pages 2

* Witness signature recommended, mandatory for some countries

**COMBINED DECLARATION/ASSIGNMENT -
Patent Application**

Docket Number: QIA-118US

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/ INVENTOR(s)	1. BRADLEY SCOTT THOMAS	2. EDWARD MEDRI
	3. CARL THEODORE EDENS	4. BRIAN AUSTIN SELF
	5.	6.

made an invention entitled: VISION-GUIDED ASPIRATION APPARATUS AND METHODS

for which an application for Letters Patent of the United States (the Application):
(Select one of the following):

- is submitted concurrently herewith
 was filed in the U.S. Patent and Trademark Office on ,
as U.S. Patent Application Serial No.:

ASSIGNEE
(Full Name and Address)

**QIAGEN GAITHERSBURG, INC.
1201 CLOPPER ROAD
GAITHERSBURG, MD
20878**

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

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.

**COMBINED DECLARATION/ASSIGNMENT -
Patent Application**

Docket Number: QIA-118US

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
SIGNATURE	1. BRADLEY SCOTT THOMAS	_____	_____
		_____	_____
		* Witness	
	2. EDWARD MEDRI	_____	_____
		_____	_____
		* Witness	
	3. CARL THEODORE EDENS	<i>Carl T. Edens</i>	<u>JULY 12 2013</u>
		<i>[Signature]</i>	<u>7/12/2013</u>
		* Witness	
	4. BRIAN AUSTIN SELF	_____	_____
		_____	_____
		* Witness	
	5.	_____	_____
		_____	_____
		*Witness	
	6	_____	_____
		_____	_____
		* Witness	

Application for United States Letters Patent:

Serial No.: 13/840,708

Filed: March 15, 2013

Attorney Docket Number: QIA-118US

Total Number of Assignment Pages 2

* Witness signature recommended, mandatory for some countries

COMBINED DECLARATION/ASSIGNMENT - Patent Application	Docket Number: <u>QIA-118US</u>
---	---------------------------------

Whereas, the Assignor, comprising the following named inventors:

ASSIGNOR(s)/ INVENTOR(s)	1. BRADLEY SCOTT THOMAS	2. EDWARD MEDRI
	3. CARL THEODORE EDENS	4. BRIAN AUSTIN SELF
	5.	6.

made an invention entitled: VISION-GUIDED ASPIRATION APPARATUS AND METHODS

for which an application for Letters Patent of the United States (the Application):
(Select one of the following):

is submitted concurrently herewith
 was filed in the U.S. Patent and Trademark Office on ,
as U.S. Patent Application Serial No.:

ASSIGNEE (Full Name and Address)	QIAGEN GAITHERSBURG, INC. 1201 CLOPPER ROAD GAITHERSBURG, MD 20878
-------------------------------------	---

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

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.

**COMBINED DECLARATION/ASSIGNMENT -
Patent Application**

Docket Number: QIA-118US

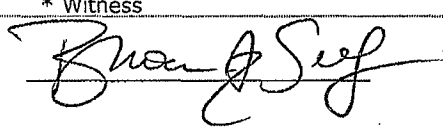
Declaration:

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	
	2. EDWARD MEDRI	_____	_____
		_____	_____
		* Witness	
	3. CARL THEODORE EDENS	_____	_____
		_____	_____
		* Witness	
SIGNATURE	4. BRIAN AUSTIN SELF		<u>24 July 2013</u>
		_____	_____
		* Witness	
	5.	_____	_____
		_____	_____
		*Witness	
	6	_____	_____
		_____	_____
		* Witness	

Application for United States Letters Patent:

Serial No.: 13/840,708

Filed: March 15, 2013

Attorney Docket Number: QIA-118US

Total Number of Assignment Pages 2

* Witness signature recommended, mandatory for some countries