

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
-------------------------	----------------

NATURE OF CONVEYANCE:	ASSIGNMENT
------------------------------	------------

CONVEYING PARTY DATA

Name	Execution Date
Gentra Systems Inc.	05/24/2006

RECEIVING PARTY DATA

Name:	Qiagen North American Holdings, Inc
Street Address:	19300 Germantown Road
City:	Germantown
State/Country:	MARYLAND
Postal Code:	20874

PROPERTY NUMBERS Total: 19

Property Type	Number
Application Number:	10687449
Application Number:	10004013
Application Number:	10024839
Application Number:	10827872
Application Number:	09974798
Application Number:	10418194
Application Number:	11589364
Application Number:	10909724
Application Number:	09637777
Application Number:	10271137
Application Number:	10271138
Application Number:	10271174
Application Number:	10937746
Application Number:	10075593
Application Number:	09241638

CH \$760.00 10687449

Application Number:	09241637
Application Number:	11265996
Application Number:	11012527
Application Number:	11255807

CORRESPONDENCE DATA

Fax Number: (703)739-2815

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

Email: kclapham@cpaglobal.com

Correspondent Name: Mrs K Clapham

Address Line 1: 11-15 Seaton Place

Address Line 4: Jersey, UNITED KINGDOM JE1 1BL

NAME OF SUBMITTER:

Katie Clapham

Total Attachments: 8

source=Assignment document Qiagen#page1.tif

source=Assignment document Qiagen#page2.tif

source=Assignment document Qiagen#page3.tif

source=Assignment document Qiagen#page4.tif

source=Assignment document Qiagen#page5.tif

source=Assignment document Qiagen#page6.tif

source=Assignment document Qiagen#page7.tif

source=Assignment document Qiagen#page8.tif

ASSIGNMENT OF PATENTS

WHEREAS, GENTRA SYSTEMS INC.: (hereafter "Assignor"), having a principal place of business at 13355 10th Avenue North, Plymouth, Minnesota 55441, is the owner of the patents (the "Patents") and the patent applications (the "Patent Applications") set forth on Schedule A attached hereto, and the inventions described in and claimed therein (the "Inventions"); and,

WHEREAS, QIAGEN NORTH AMERICAN HOLDINGS, Inc. (hereafter "Assignee"), a California corporation having its principal corporate offices at 19300 Germantown Road, Germantown, MD 20874, is desirous of acquiring the entire right, title and interest of Assignor in and to said Patents, Patent Applications and Inventions.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and conveyed and by these presents does hereby assign, transfer and convey, unto said Assignee, its successors and assigns, its entire right, title and interest in and to the Patents and Patent Applications as set forth and described in Schedule A attached hereto, and the Inventions, and all divisions, continuations, continuations-in-part and renewals of such Patents and Patent Applications and all Patents which may be granted on such Patent Applications, and Inventions, and all reissues, re-examinations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for an invention described in any of the foregoing Patents or Patent Applications in the United States or in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said Patent Applications under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, the European Patent Convention, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for the Inventions in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; together with all claims for damages by reason of past infringement, with the right to sue for, and collect the same for the use of Assignee, its successors and assigns, as well as all of the rights incident to such ownership, including but not limited to manufacturing, use, sale and importation of the products and/or methods evidenced by the Patents and Patent Applications.

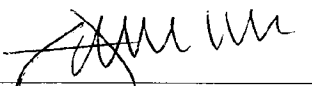
Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any organization, country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

Assignor hereby covenants and agrees that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreement in conflict herewith.

This Assignment is effective as of this 24th day of May, 2006.

IN WITNESS WHEREOF, Assignor has caused these presents to be signed by a duly authorized officer.

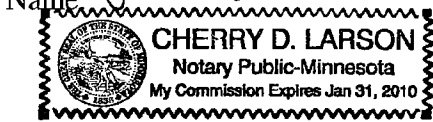
GENTRA SYSTEMS INC., Assignor

By: 
Name: Dennis J. Thalhuber
Title: Chief Financial Officer


Witnesses:

Signature:

Cherry D. Larson
Name:



QIAGEN NORTH AMERICAN HOLDINGS, INC.,
Assignee

By: 
Name: Roland Sackers
Title: CFO

Witnesses:

Signature:

Fredrik Kaudanne de Vreth
Name:

Checked by IP&L

Schedule A

Patents and Patent Applications

Title: (Improved) Method to Isolate DNA

Inventors: Ellen Heath, Kristen Benedict, and Nate Morken

Country	Date	Appl. No.	Pub. Number
United States	2/15/2002	10/075,593	US 2003/0157492 A1
PCT	2/15/2002	PCT/US02/04569	WO 03/070945 A1
EP	2/15/2002	02724956.4	EP 1487977A1
Japan	2/15/2002	2003-569838	JP 2005517446T2
Canada	2/15/2002	2,476,456	CA 2,476,456 AA
Australia	2/15/2002	2002255555	

Title: Low pH RNA Isolating Reagents, Methods, and Kit Inventor: Ellen Heath

Country	Date	Appl. No.	Pub. Number
United States	6/2/1997	08/868,243	5,973,137

Title: Computer Implemented DNA Isolation Method Inventors: Heath, E., and Shuman, R.

Country	Date	Appl. No.	Pub. Number
US	02/22/1999	09/255,146	
US	07/27/1999	09/361,829	US20020133002A1
WO (PCT)	02/22/2000	PCT/ US00/04483	WO 00/49557
EP	02/22/2000	00913564.1	EP1159702A2
JP	02/22/2000	2000-600225	JP2002541773T
AU	02/22/2000	34988/00	AU 3498800 A
AU	02/22/2000	2004203287	
CA	02/22/2000	2,371,825	CA 2,371, 825 A1

Title: Mixing and Pouring Apparatus and Vessel Thereof Title: Mixing and Pouring Apparatus with Rotatable Arm and Related Vessel Inventors: Heath, E., Shuman, R., Kluge, D., and Campbell, G.

Country	Date	Appl. No.	Pub. Number
U. S.	10/16/2003	10/687,449	US 2004/0092731 A1
U. S.	10/18/2001	10/004,013	US 6,878,340, B2
U. S.	10/20/1999	09/420,965	US 2002/0133002A1
U. S.	12/18/2001	10/024,839	7,018,587
PCT	10/13/2000	PCT/US00/28511	WO 01/28680 A2
EP	10/13/2000	00972178.8	WO 01/28680 A2
Japan	4/22/2002	JP2001000531504	JP2003515103T2
Australia	10/13/2000	10876/01	AU0110876 A5
Australia	10/13/2000	2004202359	AU 0110876 A5
Canada	10/13/2000	08894614CA	CA2387500AA

Title: Rotor Locator (US '615, PCT)

Title: Rotor Locator for a Centrifuge (US '553)

Title: Method for Locating a Centrifuge Body (US '932)

Title: Centrifuge Buckets (US '759)

Inventors: Campbell, G., Kluge, D., Campbell, G., Heath, E., and Shuman, R.

Country	Date	Appl. No.	Pub. Number
U.S.	8/11/2000	09/637,777	US 6,491,615 B1
PCT	8/1/2001	WO2001US0024049	WO 0213975 A3
U.S.	10/15/2002	10/271,112	US20030050170A1
U.S.	10/15/2002	10/271,137	US 6,663,553 B2
U.S.	10/15/2002	10/271,138	US 6,695,759 B2
U.S.	10/15/2002	10/271,174	US 6,659,932 B2
Japan	8/1/2001	JP2002519105	JP2004514544T2
Canada	8/1/2001	CA2001002419106	CA2419106AA
Australia	08/01/2001	2001278100	AU0178100A5
EP	08/01/2001	01956063.0	

Title: Vessel with Retention Features and Method Therefor Inventors: O'Brien, Darin, Morken, Nate, and Wirbisky, Alan

Country	Date	Appl. No.	Pub. Number
United States	4/20/2004	10/827,872	US 2005/0229724 A1

Title: Compositions and Methods for Using a Lysing Matrix For Isolating DNA Inventors: Ellen Heath and Ruth Shuman

Country	Date	Appl. No.	Pub. Number
United States	2/2/1999	09/241,638	
PCT	2/2/1999	PCT/US99/02192	WO9938962A3

EP	2/2/1999	99905620.3	EP1053311A2
Canada	2/2/1999	2,319,775	CA2319775AA
Australia	2/2/1999	20033204434	AU2574499A1
Japan	2/2/1999	529422/00	529422/00

Title: Process for Isolating Amplifying, and Characterizing DNA (Generation methods with claims similar to Lysing Matrix application) Inventors: Ellen Heath and Ruth Shuman

Country	Date	Appl. No.	Pub. Number
U.S.	2/2/1998	09/017,143	
U.S.	2/2/1998	09/017,144	
U.S.	2/2/1999	09/241,636	
PCT	2/2/1999	PCT/US99/02189	WO9939009C1
EP	2/2/1999	99906702.8	EP1053357A1
Japan	2/2/1999	529466/00	JP2003529314T2
Canada	2/2/1999	2,319,665	CA2319665AA
Australia	2/2/1999	2003204436 26548/99	AU2654899A1

Title: Eluting Reagents, Methods and Kits for Isolating DNA Inventors: Ellen Heath and Ruth Shuman

Country	Date	Appl. No.	Pub. Number
United States	2/2/1999	09/241,637	
PCT	2/2/1999	PCT/US99/02192	WO9939010A1
EP	2/2/1999	99905618.7	EP1053353A1
Canada	2/2/1999	2,319,691	CA2319691AA
Australia	2/2/1999	25742/99	AU2574299A1
Japan	2/2/1999	529467/00	JP2004500002T2

Title: Apparatuses and Methods for Isolating Nucleic Acids Concept for an automated system incorporating Generation chemistry w/ treated solid phase Inventors: Ellen Heath and Ruth Shuman

Country	Date	Appl. No.	Pub. Number
U.S.	9/17/98	09/154,830	
	9/9/04	10/937,746	US20050191760A1
PCT	9/17/98	PCT/US98/19291	WO1999/013976A1
Europe	9/17/98	98946076.1	EP 1027145A4
Canada	9/17/98	2,304,017	CA 2304017AA
Australia	9/17/98	93171/98	AU 9317198
	9/17/98	2003200640	
Japan	9/17/98	511581/00	JP2001516731T2

**Title: Compositions and Methods for Using a Solid Support to Purify RNA Inventors:
Ellen Heath and John Wages**

Country	Date	Appl. No.	Pub. Number
U. S.	10/12/2001	09/974,798	US 2003/0073830A1
PCT	10/12/2001	PCT/US01/32073	WO2003/033739
Europe	10/12/2001	01979794.3	EP1438426A1
Japan	10/12/2001	2003-536461	JP2005505305T2
Canada	10/12/2001	2,463,317	PCT/US2001/032073
Australia	10/12/2001	2002211719	

**Title: Compositions and Methods for Using a Solid Support to Purify RNA Inventors:
Bair, R., Heath, E., Meehan, H., Paulsen, K., and Wages, J.**

Country	Date	Appl. No.	Pub. Number
U. S.	4/16/2003	10/418,194	US2004/0019196A1
PCT	4/15/2004	PCT/US2004/012033	WO2004/094635A2
Europe	4/15/2004	047600008.5	EP 1618194
Australia	4/15/2004	2004233035	AU4233035AA
Canada	4/15/2004	2,522,446	CA2522446AA
Japan	4/15/2004	2006-513124	

**Compositions and Methods for Using a Solid Support to Purify DNA Inventors: Bair,
R., Benedict, K., Kivens, W., Kwiatkowski, R., Paulsen, K., Strom, D., and Wages, J.**

Country	Date	Appl. No.	Pub. Number
U. S.	8/2/2004	10/909,724	US 20050032105 A1
PCT	8/2/2005	PCT/US2005/027419	WO 2006/028616

**Title: Compositions and Methods for Purifying Nucleic Acids from Stabilization
Reagents Inventor: Rob Bair and Kim Paulsen**

Country	Date	Appl. No.	Pub. Number
United States	11/5/2004	60/625,513	
	9/13/2005	60/716,451	
	11/3/2005	11/265,996	
PCT	11/3/2005	PCT/US2005/39837	

Title: Formulations and Methods for Denaturing Proteins Inventor: Kim Paulsen

Country	Date	Appl. No.	Pub. Number
United States	12/16/03	60/530,392	
	12/15/2004	11/012,527	US 2005 0171333
PCT	12/15/2004	PCT/US2004/42044	WO2005/058933A1

Title: Compact Apparatus, Compositions And Methods For Purifying Nucleic Acids
Inventors: Wirbisky, Alan; Quinn, Tim; Van Der Lught, Nick; Johnson, Rebecca;
Morken, Nate, Paulsen, Kim; Strom, Dan; Baldrice, Jim

Country	Date	Appl. No.	Pub. Number
United States	10/21/05	11/255,807	