PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CYTONIX CORPORATION	10/03/2007

RECEIVING PARTY DATA

Name:	GENOMIC NANOSYSTEMS, LLC
Street Address:	8000 Virginia Manor Road
City:	Belstville
State/Country:	MARYLAND
Postal Code:	20705

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13764970

OP $40.00 13764970

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ATTORNEY DOCKET NUMBER:	1002.0043-20000
NAME OF SUBMITTER:	Susanne T. Jones
Signature:	/Susanne T. Jones, Reg. No. 44,472/
Date:	08/07/2013

Total Attachments: 7

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Name:	GENOMIC NANOSYSTEMS, LLC
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Postal Code:	20705

PROPERTY NUMBERS Total: 16

Property Type	Number
Patent Number:	7459315
Patent Number:	6391559
Patent Number:	6143496
Application Number:	10798857
Application Number:	11837559
Application Number:	11837561
Application Number:	11837564
Application Number:	11837565
Application Number:	11837569
Application Number:	11837581
Application Number:	11837600
Application Number:	11837608
Application Number:	11837613
Application Number:	11837620
Application Number:	11837651

CH $640.00 7459315

Application Number:	11837656

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ATTORNEY DOCKET NUMBER:	832_001 ALL
NAME OF SUBMITTER:	Kevin C. Brown

Total Attachments: 5

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C O P Y

ASSIGNMENT

Whereas, Cytonix Corporation ("Assignor"), a corporation organized and existing under the laws of Maryland and residing at 8000 Virginia Manor Road, Beltsville, MD 20705, is one of the owners of the group of inventions described in the patents and patent applications listed in the Appendix attached hereto, by virtue of an Assignment from one of the inventors named in the patents and patent applications listed in the Appendix attached hereto, such Assignment being recorded in the U.S. Patent and Trademark Office on November 24, 1997, at Reel 008823, Frame 0064 (and on other dates at other locations);

Whereas, Genomic Nanosystems, LLC ("Assignee"), a corporation organized and existing under the laws of Maryland and residing at 8000 Virginia Manor Road, Beltsville, MD 20705, is desirous of acquiring the entire right, title and interest, to the extent owned by Cytonix, worldwide in the inventions described in the patents and patent applications listed in the Appendix attached hereto, and the entire right title and interest, to the extent owned by Cytonix, in, to and under the patents and patent applications listed in the Appendix attached hereto, and in any letters patent which may be granted on such applications, and any and all letters patents that may be obtained by the Assignee through any continuations, divisions, or continuations-in-part thereof, as well as any letters patent that may result from any reissues or re-examinations thereof, and all other rights in the United States to the inventions covered thereby;

Now, therefore, for One Dollar ($1.00) and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged by both parties, the Assignor hereby sells, assigns and transfers to the Assignee its entire right, title and interest worldwide in the invention described in the patents and patent applications listed in the Appendix attached hereto, and its entire

right title and interest in, to and under the patents and patent applications listed in the Appendix attached hereto, and any letters patent which may be granted on such applications, and any and all letters patents that may be obtained by the Assignee through any continuations, divisions, or continuations-in-part thereof, as well as any letters patent that may result from any reissues or re-examinations thereof, and all other rights in the United States to the inventions covered thereby, the same to be held by the Assignee and/or any of its successors, assigns or other legal representative, to the end of the term or terms for which said Letters Patent are or may be granted or reissued, as fully entirely as the same would have been held by the said Assignor if this assignment, sale and transfer had not been made, together with all claims for damages by reason of any past infringements, with the right to sue for, and collect the same.

Assignor further covenants that Assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to the patents and patent applications listed in the Appendix attached hereto, and the invention disclosed and claimed therein as may be known and accessible to Assignor, and that Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and/or enforce the patents and patent applications listed in the Appendix attached hereto and any patents granted on such applications, or any continuations, divisions, continuations-in-part, reissues or re-examinations thereof, and any Letters Patent that may result therefrom, which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal this 3rd day of October, 2007.

Date: 3/10/07

Cytonix Corporation

Richard Schneider

Signature of Assignor's Representative
By: Richard Schneider
Title: President of Cytonix

Witnessed By: Luke Ratnasingam Signature:

Date: 03-10-2007

Witnessed By: Elaine Lanza Signature:

Date: October 3, 2007

APPENDIX

U.S. PATENT APPLICATIONS

Application No.	Filing Date	Title
10/131,854	04/25/2002	MINIATURIZED ASSEMBLY AND METHOD OF FILLING ASSEMBLY
10/798,857	03/11/2004	METHOD FOR DETECTING THE PRESENCE OF A SINGLE TARGET NUCLEIC ACID IN A SAMPLE
11/837,559	08/13/2007	METHOD AND DEVICE FOR DETECTING THE PRESENCE OF A SINGLE TARGET NUCLEIC ACID IN A SAMPLE
11/837,561	08/13/2007	MICROFLUIDIC ASSEMBLY WITH REAGENT
11/837,564	08/13/2007	METHOD AND DEVICE FOR DETECTING THE PRESENCE OF A SINGLE TARGET NUCLEIC ACID IN A SAMPLE
11/837,565	08/13/2007	METHOD AND DEVICE FOR DETECTING THE PRESENCE OF A SINGLE TARGET NUCLEIC ACID IN A SAMPLE
11/837,569	08/13/2007	METHOD FOR QUANTIFYING NUMBER OF MOLECULES OF TARGET NUCLEIC ACID CONTAINED IN A SAMPLE
11/837,581	08/13/2007	METHOD AND DEVICE FOR DETECTING THE PRESENCE OF A SINGLE TARGET NUCLEIC ACID IN SAMPLES
11/837,600	08/13/2007	DEVICE HAVING REGIONS OF DIFFERING AFFINITIES TO FLUID, METHODS OF MAKING SUCH DEVICES, AND METHODS OF USING SUCH DEVICES
11/837,608	08/13/2007	METHOD OF LOADING SAMPLE INTO A MICROFLUIDIC DEVICE
11/837,613	08/13/2007	METHOD AND DEVICE FOR DETECTING THE PRESENCE OF TARGET NUCLEIC ACIDS IN A SAMPLE, AND MICROFLUIDIC DEVICE FOR USE IN SUCH METHODS
11/837,620	08/13/2007	METHOD AND DEVICE FOR DETECTING THE PRESENCE OF A SINGLE TARGET NUCLEIC ACID IN A SAMPLE
11/837,651	08/13/2007	METHOD AND DEVICE FOR DETECTING THE PRESENCE OF A SINGLE TARGET NUCLEIC ACID IN A SAMPLE
11/837,656	08/13/2007	METHOD AND DEVICE FOR DETECTING THE PRESENCE OF A SINGLE TARGET NUCLEIC ACID IN A SAMPLE

APPENDIX

U.S. PATENTS

Patent No.	Issue Date	Title
6,143,496	11/07/2000	METHOD OF SAMPLING, AMPLIFYING AND QUANTIFYING SEGMENT OF NUCLEIC ACID, POLYMERASE CHAIN REACTION ASSEMBLY HAVING NANOLITER-SIZED SAMPLE CHAMBERS, AND METHOD OF FILLING ASSEMBLY
6,391,559	05/21/2002	METHOD OF SAMPLING, AMPLIFYING AND QUANTIFYING SEGMENT OF NUCLEIC ACID, POLYMERASE CHAIN REACTION ASSEMBLY HAVING NANOLITER-SIZED SAMPLE CHAMBERS, AND METHOD OF FILLING ASSEMBLY