

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2859911

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JOHN P KEADY	01/24/2008
	KENTON C HASSON	02/05/2008
	GREGORY A DALE	02/05/2008
RECEIVING PARTY DATA		
Name:	CANON U.S. LIFE SCIENCES INC.	
Street Address:	9800 MEDICAL CENTER DRIVE	
City:	ROCKVILLE	
State/Country:	MARYLAND	
Postal Code:	20850	
PROPERTY NUMBERS Total: 2		
Property Type	Number	
Application Number:	13669330	
Patent Number:	8306294	
CORRESPONDENCE DATA		
Fax Number:	(301)762-0406	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>		
Phone:	301-762-7070	
Email:	nkaminski@cusa.canon.com	
Correspondent Name:	CANON U.S. LIFE SCIENCES, INC.	
Address Line 1:	9800 MEDICAL CENTER DRIVE	
Address Line 4:	ROCKVILLE, MARYLAND 20850	
ATTORNEY DOCKET NUMBER:	800-4492-CONT-1-2	
NAME OF SUBMITTER:	ANGELA COLLISON/NOREEN KAMINSKI	
SIGNATURE:	/Angela Collison/	
DATE SIGNED:	05/16/2014	
Total Attachments: 3		
source=pto1595-cl-4492-c1-c2_signed_5_16_2014_Part1#page1.tif		
source=pto1595-cl-4492-c1-c2_signed_5_16_2014_Part2#page1.tif		
source=pto1595-cl-4492-c1-c2_signed_5_16_2014_Part3#page1.tif		

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

John P. KEADY; Kenton C. HASSON; Grego

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 1/24/08, 2/5/08, 2/5/08

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Canon U.S. Life Sciences, Inc.

Internal Address: _____

Street Address: 9800 Medical Center Drive

City: Rockville

State: Maryland

Country: US Zip: 20850

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

13/669330

B. Patent No.(s)

8306294

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Angela M. Collison, Esq.

Internal Address: _____

Street Address: C/O Canon U.S. Life Sciences, Inc.
9800 Medical Center Drive, Ste. 120

City: Rockville

State: MD Zip: 20850

Phone Number: 301-762-0909

Docket Number: 3400-248

Email Address: nkaminski@cusa.canon.com; ipdocketing@cusa.canon.com

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 504253

Authorized User Name Noreen Kaminski

9. Signature: /Angela Collison/

16 May 2014

Signature

Date

Angela M. COLLISON, Reg. No. 51,107

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 032918 FRAME: 0690

**ASSIGNMENT BY INVENTOR(S) OF PATENT APPLICATION
FOR ALL COUNTRIES**

IN CONSIDERATION for good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR(S))
by

Name: Canon U.S. Life Sciences, Inc.
Address: 9800 Medical Center Drive, Suite A-100, Rockville, MD 20850

(hereinafter ASSIGNEE), the receipt and adequacy of which of which is hereby acknowledged, ASSIGNOR(s) hereby sell(s), assign(s) and transfer(s) to ASSIGNEE all of his/her right, title and interest in, to and under the invention and application entitled **SYSTEMS AND METHODS FOR MONITORING THE AMPLIFICATION AND DISSOCIATION BEHAVIOR OF DNA MOLECULES** for which application for Letters Patent of the United States ASSIGNOR(S) is/are the sole or a joint inventor and which application was executed on even date herewith or is identified as follows

U.S. Serial No. 11/947,237, Filing Date: November 29, 2007

and all Letters Patent of the United States to be obtained on said application or any continuation, division, reissue, reexamination or extension thereof and all rights connected therewith, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention, for the full term or terms for which the same may be granted, including all rights to recover damages for any and all past infringement; and

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary.

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent, reissue patent or reexamination certificate issued thereon and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

ASSIGNOR(S) covenant(s) that he/she has the full right to convey the entire interest herein assigned and has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR(S) acknowledge(s) that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said invention and ASSIGNOR(S) further acknowledge(s) that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR(S) and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR(S) and any attorney or practitioner appointed by ASSIGNEE.

IN WITNESS WHEREOF, ASSIGNOR(S) has/ have affixed his/her signature below.

Signature: K. C. Hasson Date: 2/5/2008
Typed Name: Kenton C. Hasson

Signature: Gregory A. Dale Date: 2/5/2008
Typed Name: Gregory A. Dale

**ASSIGNMENT BY INVENTOR(S) OF PATENT APPLICATION
FOR ALL COUNTRIES**

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by

Name: Canon U.S. Life Sciences, Inc.
Address: 9800 Medical Center Drive, Suite A-100, Rockville, MD 20850

(hereinafter ASSIGNEE), the receipt and adequacy of which of which is hereby acknowledged, ASSIGNOR(s) hereby sell(s), assign(s) and transfer(s) to ASSIGNEE all of his/her right, title and interest in, to and under the invention and application entitled **SYSTEMS AND METHODS FOR MONITORING THE AMPLIFICATION AND DISSOCIATION BEHAVIOR OF DNA MOLECULES** for which application for Letters Patent of the United States ASSIGNOR(S) is/are the sole or a joint inventor and which application was executed on even date herewith or is identified as follows

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and all Letters Patent of the United States to be obtained on said application or any continuation, division, reissue, reexamination or extension thereof and all rights connected therewith, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention, for the full term or terms for which the same may be granted, including all rights to recover damages for any and all past infringement; and

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary.

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent, reissue patent or reexamination certificate issued thereon and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

ASSIGNOR(S) covenant(s) that he/she has the full right to convey the entire interest herein assigned and has not executed, and will not execute, any agreement in conflict herewith.

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IN WITNESS WHEREOF, ASSIGNOR(S) has/ have affixed his/her signature below.

Signature: _____

Typed Name: John P. Keady

Date: _____

24 Jan 2008