PATENT ASSIGNMENT COVER SHEET

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1.1 EPAS ID: PAT8101765

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TONY Z. JIA	12/04/2012
KATSUYUKI SHIROGUCHI	12/04/2012
PETER A. SIMS	12/03/2012
XIAOLIANG SUNNEY XIE	12/11/2012

RECEIVING PARTY DATA

Name:	President and Fellows of Harvard College	
Street Address:	17 Quincy Street	
City:	Cambridge	
State/Country:	MASSACHUSETTS	
Postal Code:	02138	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	18177496

CORRESPONDENCE DATA

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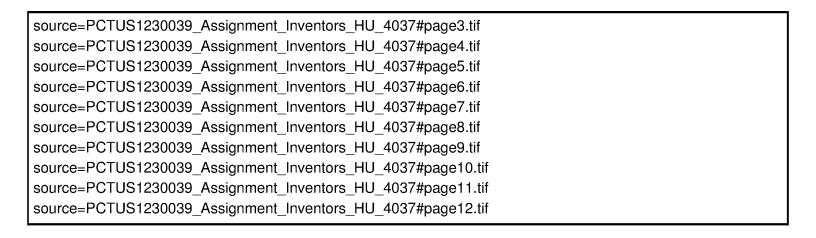
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ATTORNEY DOCKET NUMBER:	4037
NAME OF SUBMITTER:	KAREN SINCLAIR
SIGNATURE:	/ks/
DATE SIGNED:	08/08/2023

Total Attachments: 12

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PATENT 508054611 REEL: 064521 FRAME: 0751



Appln. No(s): USSN 61/467,037, USSN 61/583,787 and PCT US12/030039

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the undersigned:

Tony Z. Jia, Katsuyuki Shiroguchi, Peter A. Sims and Xiaoliang Sunney Xie

(each hereafter "Assignor") hereby assign, sell, and transfer to:

President and Fellows of Harvard College 17 Quincy Street, Cambridge, Massachusetts 02138

(hereafter "Assignee") its successors and assigns, Assignor's entire right, title and interest throughout the world in and to any and all inventions for:

Single Cell Nucleic Acid Detection and Analysis

described in US Provisional Patent Applications 61/467,037, filed March 24, 2011 and 61/583,787, filed January 6, 2012 and International Patent Application PCT US12/030039, filed March 22, 2012; and in and to the aforesaid application(s), in any form or embodiment thereof, and in and to any application on any of the inventions filed in this and any foreign country, based thereon, including the right to file said applications, apply for patent rights, and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon any of the inventions and any divisional, continuation, or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent; and authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

For purposes of complying with foreign requirements, the above paragraph is intended to expressly grant all the recited rights and grants in China, Korea, and Japan.

Assignor hereby warrants that he/she has full right to convey his/her entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

Assignor further agrees, without further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever

1

Assignor authorizes Assignee or Assignee's representative to supply and/or to correct any errors or omissions in the patent/application information provided above including but not limited to said application serial number(s) and filing date(s), prior to or after recordation.

Assignor appoints Assignee, through its designee, as its attorney-in-fact to execute, in Assignor's name and on Assignor's behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

12/4/12	
Date	Toṇy Z. Jia
12/4/12	1 de
Date	Witness
	Noam Prymps
	Witness's Printed Name
Date	Katsuyuki Shiroguchi
Date	Witness
	Witness's Printed Name
Date	Peter A. Sims
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Date	Witness
	Witness's Printed Name

Date	Xiaoliang Sunney Xie
Date	Witness
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Date	Tony Z. Jia
Date	Witness
	Witness's Printed Name
12/4/2012 Date Dec 4, 2012	Batraphy Shiroguchi Katsuyuki Shiroguchi
Date	Katsuyuki Shiroguchi
Dec 4, 2012	Ozam There
Date	Witness
	Osamu OHARA
	Witness's Printed Name
D.A.	D. 4. G.
Date	Peter A. Sims
Date	Witness
	Witness's Printed Name

Patent Assignment HU Case 4037 Appln. No(s): USSN 61/467,037, USSN 61/583,787 and PCT US12/030039

Date	Xiaoliang Sunney Xie
Date	Witness
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Date	Witness
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Date	Katsuyuki Shiroguchi
Date	Witness
	Witness's Printed Name
12/3/2012 Date	RAAS
/ / Date	Peter A. Sims
12/3/2012	Infoldi
' Date	Witness
	Jennifer S. Sins
	Witness's Printed Name

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Xiaoliang Sunney Xie
Witness

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Date

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Date

Xiaoliang Sunney Xie

Witness

Lawrence Valles

Witness's Printed Name