PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mark T. Reed	10/18/2011
Erik Williamson	10/19/2011
Bryan Crane	10/19/2011
Patrick Leung	10/18/2011
Dale Buermann	10/19/2011
Alexander P. Kindwall	10/18/2011
Frederick Erie	10/19/2011
Mark Pratt	10/18/2011
Jason Harris	10/18/2011
Andrew James Carson	10/19/2011
Stanley S. Hong	10/18/2011
Jason Bryant	10/19/2011
Mark Wang	10/19/2011
Drew Verkade	10/19/2011

RECEIVING PARTY DATA

Name:	Illumina, Inc.
Street Address:	9885 Towne Centre Drive
City:	San Diego
State/Country:	CALIFORNIA
Postal Code:	92121

PROPERTY NUMBERS Total: 8

Property Type	Number
Application Number:	61431425
Application Number:	61431429
Application Number:	61431439
Application Number:	61431440
	DATENT

PATENT

REEL: 027094 FRAME: 0364

Application Number:	61438486
Application Number:	61438567
Application Number:	61438530
Application Number:	13273666

CORRESPONDENCE DATA

Fax Number: (858)736-8428 Email: ip@illumina.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: John T. Murphy

Address Line 1: 9885 Towne Centre Drive
Address Line 4: San Diego, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER:	IP-0548_BOLTCASES
NAME OF SUBMITTER:	John T. Murphy

Total Attachments: 19

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> PATENT REEL: 027094 FRAME: 0365

File Number: IP-0548

ASSIGNMENT OF IP RIGHTS TO ILLUMINA, INC.

WHEREAS, each one of the undersigned:

Name: Mark T. Reed

Address: 25861 Industrial Blvd.

Hayward, CA 94545

Name: Erik Williamson

Address: 9885 Towne Centre Drive

San Diego, CA 92121

Name: Bryan Crane

Address: 9885 Towne Centre Drive

San Diego , CA 92121

Name: Patrick Leung

Address: 25861 Industrial Blvd.

Hayward, CA 94545

Name: Dale Buermann

Address: 9885 Towne Centre Drive

San Diego, CA 92121

Name: Alexander P. Kindwall

Address: 25861 Industrial Blvd.

Hayward , CA 94545

Name: Frederick Erie

Address: 9885 Towne Centre Drive

San Diego, CA 92121

Name: Mark Pratt

Address: 25861 Industrial Blvd.

Hayward, CA 94545

Name: Jason Harris

Address: 25861 Industrial Blvd.

Hayward, CA 94545

Name: Andrew James Carson

Address: 9885 Towne Centre Drive

San Diego, CA 92121

Name: Stanley S. Hong

Address: 25861 Industrial Blvd,

Hayward , CA 94545

Name: Jason Bryant

Address: Chesterford Research Park

Little Chesterford Nr. Saffron Walden

Essex CB10 1XL United Kindgom

Name: Mark Wang

Address: 9885 Towne Centre Drive

San Diego, CA 92121

Name: Drew Verkade

Address: 9885 Towne Centre Drive

San Diego , CA 92121

PATENT REEL: 027094 FRAME: 0366

Assignors: Reed *et al.* File Number: IP-0548

(collectively "the Assignor/s") have made certain new and useful inventions, discoveries, and improvements (the "Inventions"), for which the Assignor/s filed the following application/s:

File No.: IP-0537-PRV Outside ref.: 830-0537PR

Title: SYSTEMS, METHODS, AND APPARATUSES TO IMAGE A

SAMPLE FOR BIOLOGICAL OR CHEMICAL ANALYSIS

Ser. No.: 61/431,425 Filed: January 10, 2011

File No.: IP-0542-PRV Outside ref.: 830-0542PR

Title: SYSTEMS, METHODS, AND APPARATUSES TO IMAGE A

SAMPLE FOR BIOLOGICAL OR CHEMICAL ANALYSIS

Ser. No.: 61/431,429 Filed: January 10, 2011

File No.: IP-0541-PRV Outside ref.: 830-0541PR

Title: SYSTEMS, METHODS, AND APPARATUSES TO IMAGE A

SAMPLE FOR BIOLOGICAL OR CHEMICAL ANALYSIS

Ser. No.: 61/431,439 Filed: January 11, 2011

File No.: IP-0540-PRV Outside ref.: 830-0540PR

Title: SYSTEMS, METHODS, AND APPARATUSES TO IMAGE A

SAMPLE FOR BIOLOGICAL OR CHEMICAL ANALYSIS

Ser. No.: 61/431,440 Filed: January 11, 2011

File No.: IP-0548-PRV Outside ref.: 830-0548PR

Title: SYSTEMS, METHODS, AND APPARATUSES TO IMAGE A

SAMPLE FOR BIOLOGICAL OR CHEMICAL ANALYSIS

Ser. No.: 61/438,486 Filed: February 1, 2011

File No.: IP-0591-PRV Outside ref.: 830-0591PR

Title: SYSTEMS, METHODS, AND APPARATUSES TO IMAGE A

SAMPLE FOR BIOLOGICAL OR CHEMICAL ANALYSIS

Ser. No.: 61/438,567 Filed: February 1, 2011

File No.: IP-0592-PRV Outside ref.: 830-0592PR

Title: SYSTEMS, METHODS, AND APPARATUSES TO IMAGE A

SAMPLE FOR BIOLOGICAL OR CHEMICAL ANALYSIS

Ser. No.: 61/438,530 Filed: February 1, 2011

File No.: IP-0548-US Outside ref.: 830-0548US

Title: SYSTEMS, METHODS, AND APPARATUSES TO IMAGE A

SAMPLE FOR BIOLOGICAL OR CHEMICAL ANALYSIS

Ser. No.: 13/273,666 Filed: October 14, 2011

Assignors: Reed et al. File Number: IP-0548

File No.: IP-0548-CN Outside ref.: 404571-146003
Title: METHODS TO IMAGE A SAMPLE FOR BIOLOGICAL OR

CHEMICAL ANALYSIS

Ser. No.: TBD Filed: October 13, 2011

File No.: UM-0006-CN Outside ref.: 404571-146008

Title: APPARATUS FOR ALIGNMENT AND DETECTION OF A FLOW

CELL

Ser. No.: TBD Filed: October 13, 2011

File No.: UM-0007-CN Outside ref.: 404571-146005

Title: FLOW CELL AND HOUSING

Ser. No.: TBD Filed: October 13, 2011

File No.: UM-0008-CN Outside ref.: 404571-146007
Title: CARTRIDGE SYSTEM FOR STORAGE AND DELIVERY OF

REAGENTS

Ser. No.: TBD Filed: October 13, 2011

File No.: UM-0009-CN Outside ref.: 404571-146006

Title: OPTICAL IMAGING SYSTEM AND COMPONENT PARTS FOR

IMAGING A FLOW CELL

Ser. No.: TBD Filed: October 13, 2011

File No.: UM-0010-CN Outside ref.: 404571-146004

Title: NUCLEIC ACID SEQUENCING SYSTEM

Ser. No.: TBD Filed: October 13, 2011

and now desire/s to convey all right, title, and interest in:

- the Inventions,
- the application/s listed above, and any other applications for patent, design, utility model, certificate of invention, trademark, or trade dress, in any country or under any international or regional authority (e.g. WIPO/PCT, EPO, ARIPO, EAPO, OAPI), to the extent some or all of its subject matter is disclosed and entitled to the benefit of priority in the application/s listed above, including provisional, continuation, divisional, continuation-in-part, reissue, and reexamination applications (collectively "the Application/s"),
- the benefit of earlier filing date and right to claim priority to the Inventions and Application/s under applicable law and treaties, including the Paris Convention for

Assignors: Reed *et al.* File Number: IP-0548

the Protection of Industrial Property as revised and amended and 35 U.S.C. §§ 119, 120,

- any rights accrued by the publication of the Application/s, such as 35 U.S.C. § 154(d), Art. 67(1) EPC,
- any Letters Patent or Certificates of Invention that may be issued or granted from the Application/s, including reissued patents, reexamination certificates, renewals, and any rights resulting from an extension or adjustment of patent term, and
- any rights arising from the Invention under laws and conventions protecting copyright, trademark, trade dress, or other industrial property,

(collectively, "the IP Rights"), and

WHEREAS, ILLUMINA, INC., a Delaware corporation having a place of business at 9885 Towne Centre Drive, San Diego, CA 92121, United States of America is desirous of acquiring the entire right, title, and interest for itself, its successors, and its assigns (collectively "the Assignee") in the IP Rights by an instrument in writing, 35 U.S.C. § 261;

NOW, THEREFORE, to all whom it may concern, be it known that, for good and valuable consideration, the receipt and sufficiency of which I/we hereby acknowledge and hereby waive the right to any additional compensation concerning the IP Rights:

I/we warrant and represent to the Assignee that I/we have the full right to convey my/our right, title, and interest in the IP Rights without encumbrance, and that I/we have not made any earlier assignment, license, grant, or mortgage to another, or made any agreement with another, that would affect my/our right, title, and interest in the IP Rights;

By this Assignment and by virtue of any earlier agreements to assign, I/we hereby assign, transfer, convey, and sell my/our entire right, title, and interest in the IP Rights to the Assignee, including any claims or causes of action for damages or other remedies arising out of any earlier violation of the IP Rights, for and to inure to the Assignee's full benefit of the IP Rights as fully as they would have been held by me/us if this Assignment had not been made;

I/we authorize the Assignee and its legal representatives to:

- (a) insert into this Assignment any supplemental information to make the identification more complete for any of the Application/s or Letters Patent already listed above,
- (b) prosecute the Application/s, file new applications for the Invention/s, and do all acts permitted by law to protect and enforce the IP Rights,

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Assignors: Reed *et al.* File Number: IP-0548

(c) request that Letters Patent and Certificates of Invention be issued and granted to and in the name of the Assignee by the issuing or granting authority, such as the U.S. Commissioner for Patents, 37 C.F.R. § 3.81; and

I/we agree with the Assignee that I/we and my/our legal representatives, heirs, and executors will perform all acts deemed necessary or desirable by the Assignee to permit and assist it to secure the entire right, title, and interest in the IP Rights so that the Assignee may benefit from this Assignment, including:

- (a) communicating to the Assignee all facts known to me/us that relate to the history and extent of my individual contribution to the IP Rights, including the circumstances of the conception of the invention and its development and reduction to practice, and furnishing supporting documents or items in my control,
- (b) assisting in the preparation of the Application/s and their prosecution by the Assignee, 37 C.F.R. § 3.71, and in the enforcement of the IP Rights, including making, executing, and delivering to the Assignee any other necessary documents, such as further application papers, declarations, affidavits, disclaimers, petitions, or assignments, and
- (c) assisting and cooperating in administrative and legal proceedings, including giving written and oral testimony,

so that these will be performed without further consideration, except for reasonable actual expenses to be reimbursed by the Assignee.

I/we further agree with the Assignee that I/we will not perform any future act, execute any subsequent document, or make any subsequent agreement with another person or party that conflicts with this Assignment, that purports to transfer any right, title, or interest in the IP Rights that are the subject of this Assignment, unless agreed to in writing by the Assignee or that prevents the Assignee from receiving the full benefit of the bargain under this Assignment.

If any provision of this Assignment is held invalid or unenforceable, that provision shall be enforced to the maximum extent permissible in order to put into effect the intent of the Assignor/s and the Assignee, and the remainder of this Assignment shall not be affected, but continue in full force and effect.

This document shall be executable by each Assignor in parts, and the Assignment will be effective and recordable for each Assignor as of the date of that Assignor's signature.

Page 5 of 19

Assignment of IP Rights to ILLUMINA, INC. Assignors: Reed *et al.*

File Number: IP-0548

In testimony of this Assignment, I am signing and dating this document below:

Name:	Mark T. Reed	
Signature:	MITAN	Date: October 18, 2011
Witness Name:	,	(or Notarization below)
Signature:		Date:

	LEDGMENT
State of California County of Alameda	_)
On October 18, 2011 before me	Patricia Nunez-Rabelo (insert name and title of the officer)
subscribed to the within instrument and acknowledge their authorized capacity(jes), and that person(s), or the entity upon behalf of which the	evidence to be the person(s) whose name(s) is/are wiedged to me that he/shethey executed the same is by his/bertheff signature(s) on the instrument the
paragraph is true and correct WITNESS my hand and official seal.	PATRICIA NUNEZ-RABELO Commission # 1897673 Notary Public - California

Assignment of IP Rights to ILLUMINA, INC. Assignors: Reed *et al.* File Number: IP-0548

In testimony of this Assignment, I am signing and dating this document below:

Name:	Erik Williamson	
Signature:	Fily !	Date: 10/19/2011
Witness Name:		_ (or Notarization below)
Signature:		Date:

ACKNOWLED	GΜ	ENI	Γ
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State of California	
County of Stin DICOD)

on October 19, 201) before me, Rusalyn M-Espejo, Notary Public

(insert name and title of the officer)

personally appeared Erik Williamson

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that he she they executed the same in his her their authorized capacity(ies), and that by his her their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

ROSALYN M. ESPEJO
COMM. # 1828896
NOTARY PUBLIC GALIFORNIA
SAN DIEGO COUNTY
MY COMM. EXP. JAM. 28, 2013

Signature JUNG

(Seal)

Assignment of IP Rights to ILLUMINA, INC. Assignors: Reed et al. File Number: IP-0548 In testimony of this Assignment, I am signing and dating this document below: Name: Bryan Crane Signature: _____ (or Notarization below) Witness Name: Signature: Date: _____ **ACKNOWLEDGMENT** State of California Ditti who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s(is) are

WITNESS my hand and official seal.

paragraph is true and correct.

ROSALYN M. ESPEJO
COMM. # 1828896
NOTARY PUBLIC-CALIFORNIA
SAN DIEGO COUNTY
MY COMN. EXP. JAN. 28, 2013

(Seal

subscribed to the within instrument and acknowledged to me that he she/they executed the same in his her/their authorized capacity(ies), and that by his her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing

Assignors: Reed et al. File Number: IP-0548

In testimony of this Assignment, I am signing and dating this document below:

Name:	Patrick Leung	eanu
Signature:	Palaely	Date: October 18, 2011
Witness Name:		(or Notarization below)
Signature:		Date:

ACKNOWLEDGMENT				
State of California County of <u>Alameda</u>)			
On October 18, 2011	before me,		z-Rabelo d title of the officer)	
personally appeared who proved to me on the basis subscribed to the within instruit his@refitheir authorized capacit person(x), or the entity upon be	of satisfactory evice nent and acknowled types), and that by i	lence to be the per dged to me that he his/ber∆berr signar	isonta) whose name(a) is/are isher(bey) executed the same in ure(a) on the instrument the	
I certify under PENALTY OF PI paragraph is true and correct. WITNESS my hand and official		laws of the State of	PATRICIA NUNEZ-RABELO Commission @ 1997673 Notary Public - Celifornia	

Page 9 of 19

Assignors: Reed et al. File Number: IP-0548

In testimony of this Assignment, I am signing and dating this document below:

Name: Dale Buermann

Signature: Dale Buermann

Witness Name: (or Notarization below)

Signature: Date:

ACKNOWL	EDGMENT
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County of <u>\Q\\\</u>	Diego)	į				
			,	v	à	T	

on October 19, 2011 before me. Rosaly n M. Eupeja, Notary Pulola

(Insert name and title of the officer)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

ROSALYN M. ESPEJO
COMM. # 1828896
NOTARY PUBLIC CALIFORNIA
SAN DIEGO COUNTY
MY COMM. EXP. JAN. 28, 2013

Signature Roulyh U - Cro

(Seal)

Assignors: Reed et al. File Number: IP-0548

In testimony of this Assignment, I am signing and dating this document below:

Name:	Alexander P. Kindwall	-
Signature:	Clerando P. Kindwell	Date: October 18, 2011
Witness Name:		(or Notarization below)
Signature:		Date:

State of California County of Alameda	5	
Constraint Transfer		
On October 18, 2011	before me,	Patricia Nunez-Rabelo
	- Areadou	(insert name and title of the officer)
personally appeared	Alexander F	P. Kindwall

ACKNOWLEDGMENT

his/bentbeir authorized capacity(ies), and that by his/bentheir signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing

WITNESS my hand and official seal.

paragraph is true and correct

Signature Patricia Numez Rabeho

PATRICIA NUNEZ-RABELO
Commission # 1897673
Notary Public - California
Alameda County
My Comm. Expires Jul 30, 2014

Assignment of IP Rights to ILLUMINA, INC. Assignors: Reed *et al.* File Number: IP-0548

In testimony of this Assignment, I am signing and dating this document below:

Name: Frederick Erie

Signature: Date: 10/19/2011

Witness Name: (or Notarization below)

Signature: Date:

ACKNO	W	LED	GM	ENT
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State of C	аңогпіа _х	Charles .	
County of	(2011/4/	TUC	Ì
-		`./	······································

on October 19, 2011 before me, Rosalyn M. Espejo, Notary Public

ersonally appeared Frederick Erie

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s is are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

ROSALYN M. ESPEJO COMM. # 1828896 MOTARY PUBLIC-CALIFORNIA SAN DIEGO COUNTY

Signature

(Seal

Assignment of IP Rights to ILLUMINA, INC. Assignors: Reed *et al.*

File Number: IP-0548

Rev. Feb. 27, 2011

In testimony of this Assignment, I am signing and dating this document below:

Name:	Mark Pratt	
Signature:	MAGA	Date: October 18, 2011
Witness Name:		(or Notarization below)
Signature:		Date:

			T TWO L T. I CAME & S JAMP SACE	DGMENT
	of Califo	ornia Alameda	}	
On _	Octobe	r 18, 2011	before me,	Patricia Nunez-Rabelo (insert name and title of the officer)
subso his/be	inbed to Inthema	the within instru Uthorized capac	iment and acknowled atyles), and that by h	lence to be the person(a) whose name(s) is/are diged to me that he/spe:they executed the same ins/ber/thefi signature(e) on the instrument the erson(a) acted, executed the instrument
l certii parag	fy under raph is t	PENALTY OF I	PERJURY under the	laws of the State of California that the foregoing
WITN	ESS my	hand and offici	al seat.	Commission @ 1637673 Notery Public - California Alamada County My Coman, Engines 4:1 SP, 2014

Page 13 of 19

Assignors: Reed et al. File Number: IP-0548

In testimony of this Assignment, I am signing and dating this document below:

Name:	Jason Harris	
Signature:		Date: October 18, 2011
Witness Name	3:	(or Notarization below)
Signature:		Date:

	ACKNOWL	EDGMENT
State of California County of <u>Alameda</u>)	
On October 18, 2011	before me	Patricia Nunez-Rabelo (insert name and title of the officer)
subscribed to the within instrume his ben'then authorized capacity.	f satisfactory event and acknowlifes), and that by	on Harris
I certify under PENALTY OF PER paragraph is true and correct	RJURY under th	ne laws of the State of California that the foregoing
WITNESS my hand and official s	eal	PATRICIA MUZEZ-NABELO Commission & 1897973

Notery Public - California

File Number: IP-0548 In testimony of this Assignment, I am signing and dating this document below: Name: Andrew James Carson Signature: Witness Name: (or Notarization below) Signature: Date: ACKNOWLEDGMENT State of California Di COO on poteber 19, 2011 before me, Resalyn M. Fapajo, Netag personally appeared Andrew Jointo Corotin who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) are subscribed to the within instrument and acknowledged to me that the she/they executed the same in this her/their authorized capacity(les), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. ROSALYN M. ESPEJO WITNESS my hand and official seal. COMM. # 1828896 NOTARY PUBLIC - CALIFORNIA SAN DIEGO COUNTY MY COHN. EXP. JAAL 28, 2013

Assignment of IP Rights to ILLUMINA, INC.

Assignors: Reed et al.

Assignors: Reed *et al.* File Number: IP-0548

In testimony of this Assignment, I am signing and dating this document below:

Name:	Stanley S. Hong	
Signature:		Date: October 18, 2011
Witness Name:	The state of the s	(or Notarization below)
Signature:		Date:
5		LIGHT.

		ACKNOWLE	DGMENT
State of C	City Cot 1 1 Co		
County of	Alameda	, , , , , , , , , , , , , , , , , , ,	
On Oc	tober 18, 2011	before me.	Patricia Nunez-Rabelo
			(insert name and title of the officer)
personally	appeared ****	Stanley S.	Hong
wno prove	ea to me on the bas	is of satisfactory evid	ience to be the person(s) whose name(s) is are-
subscribe his/h e r/the person(s),	d to the within instra or authorized capac or the entity upon t	ument and acknowle utydes), and that by behalf of which the p	dged to me that hersherthey executed the same is his/her/theff'signature(e) on the instrument the erson(s) acted, executed the instrument.
subscribed his/laentlae person(s), I certify un	d to the within instra or authorized capac or the entity upon t	iment and acknowle atyges), and that by behalf of which the p PERJURY under the	dged to me that he/she/they executed the same i his/he//thet/rsignature/s/ron the instrument the

Page 16 of 19

Assignment of IP Rights to ILLUMINA, INC. Assignors: Reed <i>et al.</i> File Number: IP-0548	
In testimony of this Assignment, I am signing and da	ting this document below:
Name: Jason Bryant	Programma.
Signature:	Date: 19/10/11
Witness Name: YVONNE HONDY.	(or Notarization below)
Signature:	Date: 19/10/11
ACKNOWLEDG	GMENT
State of California County of)	
Onpefore me	
1	nsert name and title of the officer)
personally appeared who proved to me on the basis of satisfactory evident subscribed to the within instrument and acknowledge his her their authorized capacityties it and that by his person(s) or the entity upon behalf of which the personal to the personal total of the content of the entity upon behalf of which the personal total to the entity upon behalf of which the personal total the entity upon behalf of which the personal total total the entity upon behalf of which the personal total total total total the entity upon behalf of which the personal total t	G to me that he she'they executed the same in her their signature(s) on the instrument the on(s) acted, executed the instrument.
i certify under PENALTY OF PERJURY under the law paragraph is true and correct	rs of the State of California that the foregoing
WITNESS my hand and official s≑a:	

(Seal)

Rev. Feb. 27, 2011

Assignment of IP Rights to ILLUMINA, INC. Assignors: Reed et al. File Number: IP-0548 In testimony of this Assignment, I am signing and dating this document below: Name: Mark Wang _ Date: _しつ/ Signature: Witness Name: (or Notarization below) Signature: Date: ACKNOWLEDGMENT State of California Ditty _____before me, Rosallif Mark Wand personally appeared who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that(he)she/they executed the same in

his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

No.

ROSALYN M. ESPEJO COMM. # 1828896 O COMM. # 1828896 O COUNTY MY COMM. EXP. JAN. 28, 2013

ature reality of the

(Seal)

Assignors: Reed et al. File Number: IP-0548

In testimony of this Assignment, I am signing and dating this document below:

Name:	Drew Verkade	
Signature:	Villa Manage	Date: 10/19/11
Witness Name:		(or Notarization below)
Signature:		Date:

nia	-			

ACKNOWLEDGMENT

State of California

County of Sun Dicgu

on October 19, 2011 before me, Rosalyn M. Esper Notary Public

(insert name and title of the officer)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

(Seal)

WITNESS my hand and official seal.

Signature (RAWY-CJS

ROSALYN M. ESPEJO
COMM. # 1828896
NOTARY PUBLIC CALIFORNIA
SAN DIEGO COUNTY
MY COMM. EXP. JAM. 28, 2013

Page 19 of 19

RECORDED: 10/20/2011