PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2803898

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHEW HAGE	03/24/2014
KENNETH M. KUHN	03/20/2014
MARK J. NIBBE	03/26/2014
BRAD DREWS	03/12/2014
KEITH WYSHAK	03/18/2014
TIM BLAUWKAMP	03/14/2014

RECEIVING PARTY DATA

Name:	ILLUMINA, INC.
Street Address:	5200 ILLUMINA WAY
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92122

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	29481209	

CORRESPONDENCE DATA

Fax Number:

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

Phone: 8582468842

Email: cpearsall@illumina.com

Correspondent Name: ILLUMINA, INC.
Address Line 1: 5200 ILLUMINA WAY

Address Line 4: SAN DIEGO, CALIFORNIA 92122

ATTORNEY DOCKET NUMBER:	IP-1179-USDES
NAME OF SUBMITTER:	BRENT C. MOORE
SIGNATURE:	/brentcmoore/
DATE SIGNED:	04/07/2014

Total Attachments: 9

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File Number: IP-1179-USDES

ASSIGNMENT OF IP RIGHTS TO ILLUMINA, INC.

WHEREAS, each one of the undersigned:

Name: Matthew Hage

Address: 5200 Illumina Way

San Diego, CA 92122

Name: Kenneth M. Kuhn

Address: 5200 Illumina Way

San Diego, CA 92122

Name: Mark J. Nibbe

Address: 5200 Illumina Way

San Diego, CA 92122

Name: Brad Drews

Address: 5200 Illumina Way

San Diego, CA 92122

Name: Keith Wyshak

Address: 5200 Illumina Way

San Diego, CA 92122

Name: Tim Blauwkamp

Address: 25861 Industrial Blvd.

Hayward, CA 94545

(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-1179-USDES Outside ref. ILLINC.295DA

Title: REAGENT DISPENSING PLATE

Ser. No. 29/481,209 Filed: February 3, 2014

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,

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Assignors: Matthew Hage File Number: IP-1179-USDES

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 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 5200 Illumina Way. San Diego, CA 92122, 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, and 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:

Assignors: Matthew Hage File Number: IP-1179-USDES

- (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,
- (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
- 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.

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Assignors: Matthew Hage File Number: IP-1179-USDES

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.

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

Name: Matthew Hage
Signature
Date: 3/24/2014

ACKNOWLEDGMENT

State of California
County of Scars (1)(-(1))

on March 24, 2014 before me Resalut M. Espète Notary Puly

personally appeared NOTON HOOF
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.

Signande Pracy Charles (Seal)



Assignors: Matthew Hage File Number: IP-1179-USDES

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

Name: Kenneth M. Kuhn

Signature

Date: 3/20/14

ACKN	OWL	edg	MEN.	Ţ

State of California Diff 90 y

on Murch 20, 2014 before me Resalyn M. Fispero, Notary Public

personally appeared Kenneth M. Kuhn

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.

Locatify 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

(Seal)

ROSALYN M. ESPEJO COMM, # 2007128 MOTATY PUBLIC. CALIFORNIA ME SAN DEGO COUNTY MY CORN EAP FEB. 11, 2817

Assignors: Matthew Hage File Number: IP-1179-USDES

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

Name:

Mark J. Nibbe

Signature

Date:

Masle

ACKNOWLEDGMENT

State of California County of <u>Stay (1900</u>

on March Str 2014 before me Rassity

before me, ROSOLY M. TOPES , NOTOCY PUBLIC

(insert name and title of the officer

personally appeared MOH J. NIEDC

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.

(Seal)

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ROSALYN M. ESPEJO & COMM # 2007128 M. NOTARY PUBLIC-CALFORNIA M. SAN DEGO COUNTY WY COMM FUR FER 11 2017

Assignors: Matthew Hage File Number: IP-1179-USDES

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

Name: Brad Drews

Signature <u>Exist</u>

Date: 3/12/14

ACKNOWLEDGMENT

State of California County of SQN Di SUN

on March 12, 2014 before me Resalyn M. Espeju, Notacy Public

personally appeared Brad Drews

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.

Loertify 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,

and Rouley H. Co.

ROSALYN M. ESPEJO COMM. J. 2007 128 NOTATY PUBLIC CAUPTORNIA OF SAN DEGO CONNIT MY CONN. EXP. FEB. 11, 2017

Assignors: Matthew Hage File Number: IP-1179-USDES

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

Name: Keith Wyshak

Signature / W4

Date: 3-10-14V

ACKI	MOMF	EDGM	ENT

State of California (County of (1977))

on March 18, 2014 petere me Pasalyn M. Espego, Notacy Public

Onsert name and title of the officer)

personally appeared KCHO WUShUK

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.

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ROSALYN M. ESPEJO & COMM. # 2007128 U SAN SEGO COMM. # 2007128 U SAN SEGO COMM. ESPEJO TO TO TO TO TO THE PER 11, 2017 TO TO TO THE PER 11, 2017 TO TO THE PER 11, 2017 TO THE PER 11, 201

Assignors: Matthew Hage File Number: IP-1179-USDES

State of California

County of ____Alameda_

On March 14, 2014

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

Name:

Tim Blanwkamp

Signature

Date

March 14, 2014

_ befole me	Patricia Nunez-Rabelo
	ensert name and title of the officer)
Tim Blat	wkamp
satisfactory evic	lence to be the person(s) whose name(s) is are

PATRICIA NUNEZ-RABELO Commission # 1897873

Netary Public - California Alameda County My Comm. Expires Jul 30, 2014

personally appeared ____ who proved to me on the basis subscribed to the within instrument and acknowledged to me that he she they executed the same in his 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 parson(s) acted, executed the instrument,

ACKNOWLEDGMENT

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

WITNESS my hand and official seal.

Signature Patricia Hivez-Rabelo (Son)

Rev. Feb. 27, 2011

RECORDED: 04/07/2014

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