504402826 06/07/2017

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
KEVIN P. RHODES	04/03/2015
SHU-TING LIAO	04/03/2015
JOHN P. WALSH	04/03/2015
CYDNE HOLT	04/06/2015
KENNETH R. BLOOM	04/03/2015
ANTHONY RENSFIELD	04/03/2015
DANIEL SA	04/03/2015
CHRISTOPHER S. EDWARDS	04/03/2015
VAN LE-PHAM	04/03/2015
APRAJITA MATHUR	04/03/2015
JOHANN FELIX SCHLESINGER	04/02/2015
JOCELYNE BRUAND	04/02/2015

#### **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:	29586711

#### **CORRESPONDENCE DATA**

**Fax Number:** (858)255-5104

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 8582555104
Email: ip@illumina.com
Correspondent Name: ILLUMINA, INC.
Address Line 1: 5200 ILLUMINA WAY

Address Line 4: SAN DIEGO, CALIFORNIA 92122

504402826 REEL: 042640 FRAME: 0028

PATENT -

ATTORNEY DOCKET NUMBER: IP-1281-US-DES1			
NAME OF SUBMITTER: CYNTHIA A. WILLIS			
SIGNATURE: /Cynthia A. Willis/			
<b>DATE SIGNED:</b> 06/07/2017			
Total Attachments: 7			
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Docket No.: IP-1281-US-DES

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Title: GRAPHICAL USER INTERPACE FOR USE WITH A SEQUENCING INSTRUMENT

U.S. Application No.: 29/502,873 Filing Date: September 19, 2014

Inventors: Kevin P. Rhodes, Shu-Ting Liao, John P. Walsh, Cydne Holt, Kenneth R. Bloom, Anthony Rensfield, Daniel Sa, Christopher S. Edwards, Van Le-Pham, Aprailta Mathur, Johann Felix Schlesinger

and Jocelyne Bruand

WHEREAS, above-identified inventors (collectively "the Assignor/s") have made certain new and useful inventions, discoveries, and improvements (the "inventions"), for which the Assignor/s filed the application/s listed above 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 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, the receipt and sufficiency of which I/we hereby acknowledge and hereby waive the right to any additional compensation concerning the IP Rights:

Docket No.: IP-1281-US-DES

Page 2 of 6

Title: GRAPHICAL USER INTERFACE FOR USE WITH A SEQUENCING INSTRUMENT

U.S. Application No.: 29/502,873 Filing Date: September 19, 2014

Inventors: Kevin P. Rhodes, Shu-Ting Liao, John P. Walsh, Cydne Holt, Kenneth R. Bloom, Anthony Rensfield, Daniel Sa, Christopher S. Edwards, Van Le-Pham, Aprajita Mathur, Johann Felix Schlesinger

and Jocelyne Bruand

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,
- (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

ASSIGNMENT FROM INVENTORS
Docket No.: IP-1281-U5-DE5 Page 3 of 0 Title: GRAPHICAL USER INTERFACE FOR USE WITH A SEQUENCING INSTRUMENT U.S. Application No.: 29/502,873 Filing Date: September 19, 2014 Inventors: Kevin P. Rhodes, Shu-Ting Liao, John P. Walsh, Cydne Holt, Kenneth R. Bloom, Anthony Rensfield, Daniel Sa, Christopher S. Edwards, Van Le-Pham, Aprajita Mathur, Johann Felix Schlesinger and Jocelyne Bruand
(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.

Legal Name of Inventor: Kevin P. Rhodes
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of April 20\_15

Signature: Legal Name of Inventor: Shu-Ting Liao Signature:

Legal Name of Inventor: Kevin P. Rhodes

	ASSIGNMENT FROM INVENTORS
Title: GRAPHI U.S. Application Filling Date: Se Inventors: Key	Page 3 of 6 CAL USER INTERFACE FOR USE WITH A SEQUENCING INSTRUMENT on No.: 29/502,873 uptember 19, 2014 vin P. Rhodes, Shu-Ting Liao, John P. Walsh, Cydne Holt, Kenneth R. Bloom, Anthony nieł Sa, Christopher S. Edwards, Van Le-Pham, Aprajita Mathur, Johann Felix Schlesinger Bruand
(c)	assisting and cooperating in administrative and legal proceedings, including giving written and oral testimony,
	will be performed without further consideration, except for reasonable actual expenses to f by the Assignee.
document, or Assignment, ti this Assignment	gree with the Assignee that I/we will not perform any future act, execute any subsequent make any subsequent agreement with another person or party that conflicts with this nat purports to transfer any right, title, or interest in the IP Rights that are the subject of nt, unless agreed to in writing by the Assignee or that prevents the Assignee from full benefit of the bargain under this Assignment.
the maximum	n of this Assignment is held invalid or unenforceable, that provision shall be enforced to extent permissible in order to put into effect the intent of the Assignor/s and the the remainder of this Assignment shall not be affected, but continue in full force and
	t shall be executable by each Assignor in parts, and the Assignment will be effective and each Assignor as of the date of that Assignor's signature.
	Inventor: <b>Kevin P. Rhodes</b> WHEREOF, I hereunto set my hand and seal this day of, 20

Legal Name of Inventor: Shu-Ting Liao
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of April 20 15.

Signature: Signature:

# ASSIGNMENT FROM INVENTORS Docket No.: IP-1281-US-DES Page 4 of 6 Title: GRAPHICAL USER INTERFACE FOR USE WITH A SEQUENCING INSTRUMENT U.S. Application No.: 29/502,873 Filing Date: September 19, 2014 Inventors: Kevin P. Rhodes, Shu-Ting Liao, John P. Walsh, Cydne Holt, Kenneth R. Bloom, Anthony Rensfield, Daniel Sa, Christopher S. Edwards, Van Le-Pham, Aprajita Mathur, Johann Felix Schlesinger and Jocelyne Bruand Legal Name of Inventor: John P. Walsh IN TESTIMONY WHEREOF, I hereunto set my hand and seal this $\frac{3^{cd}}{}$ day of $\frac{APr.ic.}{}$ Legal Name of Inventor: Cydne Holt IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 6 day of APRIC , 2015 Legal Name of inventor: Kenneth R. Bloom IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \(\sum\_\) day of \(\sum\_\) \(\lambda \lambda \lambd

Legal Name of Inventor: Anthony Rensfield
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of 400 1 2015
Signature:

Docket No.: IP-1281-US-DES Title: GRAPHICAL USER INTERFACE FOR USE WITH A SEQUENCING INSTRUMENT U.S. Application No.: 29/502,873	Page 5 of 6
Filing Date: September 19, 2014 Inventors: Kevin P. Rhodes, Shu-Ting Liao, John P. Walsh, Cydne Holt, Kenneth R. Bloom, A Rensfield, Daniel Sa, Christopher S. Edwards, Van Le-Pham, Aprajita Mathur, Johann Felix S and Jocelyne Bruand	
Local Blance of top content Co	
Legal Name of Inventor: <b>Daniel Sa</b> IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>S</u> day of <u>ARRIL</u> Signature:	<u>, 20 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>
Legal Name of Inventor: <b>Christopher S. Edwards</b> IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>3</u> day of <u>April</u>	, 20 <u>15</u> .
Signature:	
Legal Name of Inventor: <b>Van Le-Pham</b> IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>3</u> day of <u>April</u>	, 20 <u>. [5</u>
Signature: <u>Vau Li Alaia</u>	
Legal Name of Inventor: <b>Aprajita Mathur</b> N TESTIMONY WHEREOF, I hereunto set my hand and seal this <u></u> day of <u>April</u>	, 20 15
Sígnature:	

Page 6 of 6 Docket No.: IP-1281-US-DES Title: GRAPHICAL USER INTERFACE FOR USE WITH A SEQUENCING INSTRUMENT

U.S. Application No.: 29/S02,873 Filing Date: September 19, 2014

Inventors: Kevin P. Rhodes, Shu-Ting Liao, John P. Walsh, Cydne Holt, Kenneth R. Bloom, Anthony Rensfield, Daniel Sa, Christopher S. Edwards, Van Le-Pham, Aprajita Mathur, Johann Felix Schlesinger

and Jocelyne Bruand

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Legal Name of Inventor: Jocelyne Bruand

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of #46

**PATENT** REEL: 042640 FRAME: 0036

RECORDED: 06/07/2017