PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7819539

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INVENTOR NAME FROM ERIC ERIC OJARD TO ERIC JON OJARD previously recorded on Reel 058884 Frame 0001. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
ERIC JON OJARD	06/01/2020
RAMI MEHIO	08/24/2020
GAVIN DEREK PARNABY	06/01/2020
JOHN S. VIECELI	06/02/2020
NITIN UDPA	06/01/2020

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:	17522864

CORRESPONDENCE DATA

Fax Number:

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: 8012033546

Email: ashepherd@kjpip.com

Correspondent Name: KELLER PREECE PLLC

Address Line 1: 1010 N 500 E Address Line 2: STE 210

Address Line 4: NORTH SALT LAKE, UTAH 84054

ATTORNEY DOCKET NUMBER:	IP-1991A-US
NAME OF SUBMITTER:	CHRISTOPHER C. FUNK
SIGNATURE:	/Christopher C. Funk/
DATE SIGNED:	02/28/2023

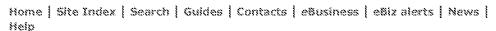
PATENT REEL: 062886 FRAME: 0470

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYAN	CE:	ASSIGNMENT		
CONVEYING PARTY DATA				
Name		Execution Date		
ERIC ERIC OJARD		06/01/2020		
RAMI MEHIO	RAMI MEHIO		08/24/2020	
GAVIN DEREK PARNABY		06/01/2020		
NITIN UDPA		06/01/2020		
JOHN S. VIECELI	VIECELI		06/02/2020	
RECEIVING PARTY DATA				
Name: ILLUMI	ILLUMINA, INC.			
Street Address: 5200 I	5200 ILLUMINA WAY			
City: SAN DI	SAN DIEGO			
State/Country: CALIFO)RNIA			
Postal Code: 92122				
PROPERTY NUMBERS To				

Dromouty Type	Nuusa la o v	
Property Type	Number	
Application Number:	17522864	
CORRESPONDENCE DATA		
Fax Number: (650)712-0263 Phone: 650-712-0340 Email: docket@hmbay.com 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. Correspondent Name: HAYNES BEFFEL & WOLFELD LLP Address Line 1: PO BOX 366 Address Line 4: HALF MOON BAY, CALIFORNIA 94019		
ATTORNEY DOCKET NUMB	ER: ILLM 1032-4/IP-1991A-US	
NAME OF SUBMITTER:	NADINE HAHN	
Signature:	/NADINE HAHN/	
Date:	02/03/2022	
Total Attachments: 8 source=00844074#page1.tif source=00844074#page2.tif source=00844074#page3.tif source=00844074#page4.tif source=00844074#page5.tif source=00844074#page6.tif source=00844074#page7.tif source=00844074#page8.tif		
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PATENT

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Title: Equalization-Based Image Processing and Spatial Crosstalk Attenuator

U.S. Application No.: 63/020,449

Filing Date: May 5, 2020

Inventor(s): Eric Jon Ojard, Rami Mehio, Gavin Derek Parnaby, John S. Vieceli, Nitin Udpa,

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-1991-PRV Page 2 of 5

Title: Equalization-Based Image Processing and Spatial Crosstalk Attenuator

U.S. Application No.: 63/020,449

Filing Date: May 5, 2020

Inventor(s): Eric Jon Ojard, Rami Mehio, Gavin Derek Parnaby, John S. Vieceli, Nitin Udpa,

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
- (c) assisting and cooperating in administrative and legal proceedings, including giving written and oral testimony,

Docket No.: IP-1991-PRV

Title: Equalization-Based Image Processing and Spatial Crosstalk Attenuator U.S. Application No.: 63/020,449 Filing Date: May 5, 2020 Inventor(s): Eric Jon Ojard, Rami Mehio, Gavin Derek Parnaby, John S. Vieceli, Nitin Udpa,
mivergor(s). Este son oldrer, norm inches, derive section various, section, vicinity derive sect
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: Eric Jon Ojard IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of
Legal Name of Inventor: Rami Mehio IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of, 20
Signature:

PATENT REEL: 062886 FRAME: 0476

Page 3 of 5

Docket No.: IP-1991-PRV

Title: Equalization-Based Image Processing and Spatial Crosstalk Attenuator U.S. Application No.: 63/020,449 Filing Date: May 5, 2020
Inventor(s): Eric Jon Ojard, Rami Mehio, Gavin Derek Parnaby, John S. Vieceli, Nitin Udpa,
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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.
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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: Eric Jon Ojard IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of, 20
Signature:
Legal Name of Inventor: Rami Mehio IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>24</u> day of <u>August</u> , <u>20</u> <u>20</u> .
Signature: Rami Wakio

PATENT REEL: 062886 FRAME: 0477

Page **3** of **5**

Docket No.: IP-1991-PRV Title: Equalization-Based Image Processing and Spatial Crosstalk Attenuator U.S. Application No.: 63/020,449 Filing Date: May 5, 2020 Inventor(s): Eric Jon Ojard, Rami Mehio, Gavin Derek Parnaby, John S. Vieceli, Nitin Udpa,	Page 4 of 5
Legal Name of Inventor: Gavin Derek Parnaby IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>1</u> day of <u>June</u>	_, 20 <u></u> .
Signature:/ Gavin D. Pamaby /	
Legal Name of Inventor: John S. Vieceli IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of	_, 20
Signature:	
Legal Name of Inventor: Nitin Udpa IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of	_, 20
Signature:	

Docket No.: IP-1991-PRV Title: Equalization-Based Image Processing and Spatial Crosstalk Attenuator U.S. Application No.: 63/020,449 Filing Date: May 5, 2020 Inventor(s): Eric Jon Ojard, Rami Mehio, Gavin Derek Parnaby, John S. Vieceli, Nitin Udpa,	Page 4 of 5
Legal Name of Inventor: Gavin Derek Parnaby IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of	_, 20
Signature:	
Legal Name of Inventor: John S. Vieceli IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>2</u> day of <u>June</u>	_, ₂₀ 20
/John S. Vieceli/	
Legal Name of Inventor: Nitin Udpa IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of	_, 20

Docket No.: IP-1991-PRV Title: Equalization-Based Image Processing and Spatial Crosstalk Attenuator U.S. Application No.: 63/020,449 Filing Date: May 5, 2020 Inventor(s): Eric Jon Ojard, Rami Mehio, Gavin Derek Parnaby, John S. Vieceli, Nitin Udpa,	Page 4 of 5
Legal Name of Inventor: Gavin Derek Parnaby IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of	_, 20
Signature:	
Legal Name of Inventor: John S. Vieceli IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of	_, 20
Signature:	
Legal Name of Inventor: Nitin Udpa IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <u>list</u> day of <u>June</u>	_, 20 <u>20</u>
Signature: /Nitin Udpa/	

Docket No.: IP-1991-PRV Page **5** of **5**

Title: Equalization-Based Image Processing and Spatial Crosstalk Attenuator

U.S. Application No.: 63/020,449

Filing Date: May 5, 2020

Inventor(s): Eric Jon Ojard, Rami Mehio, Gavin Derek Parnaby, John S. Vieceli, Nitin Udpa,

RECEIVED AND HEREBY ACCEPTED BY ILLUMINA, INC., a Delaware Corporation

Date: August 31, 2020 R. Schwillinski

Name: Roland Schwillinski

Title: Vice President, Global IP and Litigation of

Illumina, Inc.

PATENT REEL: 062886 FRAME: 0481

RECORDED: 02/28/2023