

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3927730

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JIE DONG	06/27/2015
YUWEN HE	07/29/2015
YAN YE	07/28/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VID SCALE, INC.
<b>Street Address:</b>	200 BELLEVUE PARKWAY
<b>Internal Address:</b>	SUITE 300
<b>City:</b>	WILMINGTON
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19809
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14431978
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)558-5676
<i>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.</i>	
<b>Phone:</b>	2155585740
<b>Email:</b>	docketing@condoroccia.com
<b>Correspondent Name:</b>	VINCENT J. ROCCIA
<b>Address Line 1:</b>	1800 JFK BLVD.
<b>Address Line 2:</b>	SUITE 1700
<b>Address Line 4:</b>	PHILADELPHIA, PENNSYLVANIA 19103
<b>ATTORNEY DOCKET NUMBER:</b>	IDVC_11572US02
<b>NAME OF SUBMITTER:</b>	KRYSANNA SEE
<b>SIGNATURE:</b>	/Krysanna See/
<b>DATE SIGNED:</b>	06/21/2016
<b>Total Attachments: 6</b>	
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DOCKET NO.: IBVC\_11572US02  
Application No.: 14/431,978

## ASSIGNMENT

WHEREAS:

1. **Jie Dong**  
7785 Goldfish Way  
San Diego, California 92129  
United States of America
2. **Enming Luo**  
8328 Regents Road, #2A  
San Diego, California 92122  
United States of America
3. **Yuwen He**  
13542 Silver Vine Path  
San Diego, California 92130  
United States of America
4. **Yan Ye**  
5001 Pearlman Way  
San Diego, California 92130  
United States of America

hereinafter referred to as the ASSIGNORS, are joint inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States, identified as Application No. 14/431,978, filed September 27, 2013, entitled **ADAPTIVE UPSAMPLING FOR MULTI-LAYER VIDEO CODING**; and

WHEREAS, **VID SCALE, Inc.**, hereinafter referred to as the ASSIGNEE, of 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809, a corporation of Delaware, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, and intending to be legally bound hereby, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said ASSIGNEE, our entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, including our full right to sue for and collect damages for past violations of provisional rights having arisen from any publication of said application or any continuations, divisions, or renewals of or substitutes for said application. We further assign to and authorize said ASSIGNEE, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent

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respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said ASSIGNEE, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said ASSIGNEE or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said ASSIGNEE, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said ASSIGNEE, as ASSIGNEE of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

DOCKET NO.: IDVC\_11572US02  
Application No.: 14/431,978

6-27-2015  
Date

Jie Dong  
Jie Dong

Signed at San Diego, USA  
(City and Country)

STATEMENT OF WITNESS: I, Yu Liu  
Name of Witness

whose full address is: 7785 Goldfish Way, San Diego, CA 92129  
Address of Witness

was personally present and did see **Jie Dong** execute this Assignment on the 27 day of June, 2015 and such Assignor is personally known to me to be the person described herein.

[Signature]  
Signature of Witness

DOCKET NO.: IDVC\_11572US02  
Application No.: 14/431,978

.....  
Date **Enming Luo** .....

Signed at .....  
(City and Country)

STATEMENT OF WITNESS: I, .....  
Name of Witness

whose full address is: .....  
Address of Witness

was personally present and did see **Enming Luo** execute this Assignment on the ..... day of  
....., 20\_\_\_ and such Assignor is personally known to me to be the person described  
herein.

.....  
Signature of Witness

DOCKET NO.: IDVC\_11572US02  
Application No.: 14/431,978

07/29/2015  
Date  
Yuwen He  
Yuwen He  
9710 Scranton Road, #250  
San Diego, CA 92121, USA  
Signed at \_\_\_\_\_  
(City and Country)

STATEMENT OF WITNESS: I, Julie McDonough  
Name of Witness  
9710 Scranton Road, #250  
San Diego, CA 92121, USA  
whose full address is: \_\_\_\_\_  
Address of Witness

was personally present and did see **Yuwen He** execute this Assignment on the 29<sup>th</sup> day of July, 2015 and such Assignor is personally known to me to be the person described herein.

Julie McDonough  
Signature of Witness

DOCKET NO.: IDVC\_11572US02  
Application No.: 14/431,978

7/28/2015  
Date Yan Ye  
9710 Scranton Road, #250  
San Diego, CA 92121, USA  
Signed at \_\_\_\_\_  
(City and Country)

STATEMENT OF WITNESS: I, Julie McDonough  
Name of Witness  
9710 Scranton Road, #250  
whose full address is: San Diego, CA 92121, USA  
Address of Witness

was personally present and did see Yan Ye execute this Assignment on the 28<sup>th</sup> day of July, 2015 and such Assignor is personally known to me to be the person described herein.

Julie McDonough  
Signature of Witness