

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4981926

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|---|-----------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT              |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                  |
| <b>CONVEYING PARTY DATA</b>   |                             |
| <b>Name</b>   | <b>Execution Date</b>       |
| JOEL JUNG   | 05/24/2018                  |
| ANTOINE DRICOT  | 05/23/2018                  |
| <b>RECEIVING PARTY DATA</b>   |                             |
| <b>Name:</b>  | ORANGE                      |
| <b>Street Address:</b>  | 78, RUE OLIVIER DE SERRES   |
| <b>City:</b>  | PARIS                       |
| <b>State/Country:</b>   | FRANCE                      |
| <b>Postal Code:</b>   | 75015                       |
| <b>PROPERTY NUMBERS Total: 1</b>  |                             |
| <b>Property Type</b>  | <b>Number</b>               |
| Application Number:   | 15501172                    |
| <b>CORRESPONDENCE DATA</b>  |                             |
| <b>Fax Number:</b>  | (408)530-9797               |
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| <b>Email:</b>   | JOWENS@HOLLP.COM            |
| <b>Correspondent Name:</b>  | HAVERSTOCK & OWENS LLP      |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | FT-10400                    |
| <b>NAME OF SUBMITTER:</b>   | JONATHAN O. OWENS           |
| <b>SIGNATURE:</b>   | /Jonathan O. Owens/         |
| <b>DATE SIGNED:</b>   | 05/29/2018                  |
| <b>Total Attachments: 2</b>   |                             |
| source=Assignment_Jung_5_29_2018#page1.tif  |                             |
| source=Assignment_Dricot_5_29_2018#page1.tif  |                             |

**ASSIGNMENT**

WHEREAS, We, Joel Jung and Antoine Dricot, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: GENERATION AND ENCODING OF RESIDUAL INTEGRAL IMAGES

Date of execution of application: \_\_\_\_\_ Filing Date: February 1, 2017 Serial No.: 15/501,172

WHEREAS, ORANGE 78 rue Olivier de Serres Paris, F-75015 France, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignor further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have hereunto signed their name to this assignment on the dates indicated below

\_\_\_\_\_  
Joel Jung

24/05/2017  
Date

\_\_\_\_\_  
Antoine Dricot

\_\_\_\_\_  
Date

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached and not the truthfulness, accuracy or validity of that document.

State of California  
County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, 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.

[SEAL]

Signature \_\_\_\_\_  
Signature of Notary Public

ASSIGNMENT

WHEREAS, We Joel Jung, and Antoine Driozel, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent.

Title of invention: GENERATION AND ENCODING OF RESIDUAL INTEGRAL IMAGES

Date of execution of application: \_\_\_\_\_ Filing Date: February 1, 2017 Serial No.: 15/501,172

WHEREAS, ORANGE 78 rue Olivier de Serres Paris, F-72015 France, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee, and Assignee's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this assignment and transfer not been made, to the full end and term of any Letters Patent.

Assignor further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title therein in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have hereunto signed their name to this assignment on the dates indicated below:

\_\_\_\_\_  
Joel Jung

\_\_\_\_\_  
Date

\_\_\_\_\_  
Antoine Driozel

MAY 13 2018  
Date

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State of California

County of \_\_\_\_\_

On \_\_\_\_\_ before me, \_\_\_\_\_, 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.

[SEAL]

Signature \_\_\_\_\_  
Signature of Notary Public \_\_\_\_\_