506497096 02/10/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6543872

| SUBMISSION TYPE:      | NEW ASSIGNMENT |  |
|-----------------------|----------------|--|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |  |

#### **CONVEYING PARTY DATA**

| Name                            | Execution Date |
|---------------------------------|----------------|
| INTERDIGITAL VC HOLDINGS, INC.  | 10/01/2019     |
| INTERDIGITAL CE PATENT HOLDINGS | 10/01/2019     |

#### **RECEIVING PARTY DATA**

| Name:           | me: INTERDIGITAL VC HOLDINGS FRANCE, SAS     |  |
|-----------------|--|--|
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| State/Country:  | FRANCE                                       |  |
| Postal Code:    | 35576  |  |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 17267014 |

### **CORRESPONDENCE DATA**

Fax Number:

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| ATTORNEY DOCKET NUMBER: | 2018P00152WOUS |
|-------------------------|----------------|
| NAME OF SUBMITTER:      | XIAOAN LU      |
| SIGNATURE:              | /Xiaoan Lu/    |
| DATE SIGNED:            | 02/10/2021     |

## **Total Attachments: 3**

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PATENT 506497096 REEL: 055207 FRAME: 0841

#### PATENT ASSIGNMENT

This PATENT ASSIGNMENT, effective as of October 1, 2019, is made by and between:

**InterDigital VC Holdings, Inc.**, a Delaware corporation having a place of business at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809, and **InterDigital CE Patent Holdings**, a French corporation with a registered address of 3 rue du Colonel Moll, 75017 Paris, France (collectively, "Assignors"); and

InterDigital VC Holdings France, SAS, a French corporation with a registered address of 975 Avenue des Champs Blancs, 35576 Cesson-Sévigné, France (hereinafter "Assignee").

#### WHEREAS:

Assignors are the joint owners of the patents and patent applications listed in the attached Exhibit A (hereinafter "Patents"); and

Assignee is desirous of acquiring all of Assignors' right, title and interest in and to the Patents.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound hereby, Assignors have jointly sold, assigned and transferred, and do hereby jointly sell, assign and transfer to Assignee the entire right, title and interest in and to any and all of the following:

- (i) the Patents, including any and all inventions, invention disclosures, improvements and discoveries disclosed or claimed therein (hereinafter "Inventions"), for the United States, its possessions and territories and all foreign countries, regions and territories;
- (ii) the rights of priority created by the Patents under any treaty relating thereto, including the rights to apply for patents and patent applications covering the Inventions in any and all countries, regions and territories;
- (iii) any and all patents and patent applications, certificates of invention, utility models and any other grants by any governmental entity for the protection of inventions resulting from the Patents, in any and all countries, regions and territories, including any and all patents and patent applications disclosing the Inventions and any patents issuing from such applications, including provisionals, non-provisionals, divisionals, continuations, continuations-in-part, reissues, extensions, renewals, substitutions and re-examinations of the Patents; and
- (iv) all past, present and future causes of action and enforcement rights, whether currently pending, filed or otherwise, in connection with the Patents, the patents and patent applications resulting from the Patents and the Inventions, including without limitation, all rights to sue for any past, present or future infringement thereof, including the rights to license and to collect and receive any damages, royalties, injunctive relief, and/or any other settlements or remedies for such infringements, and including any provisional rights having arisen from any publication of any of the Patents or any patent application resulting therefrom,

the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, as fully and entirely as the same would have been

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### Patent Assignment: IDVC and ICPH to IVHF

held and enjoyed by Assignors whether individually or jointly, if this Assignment and sale had not been made.

AND, this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment.

IN WITNESS WHEREOF, Assignors and Assignee, by and through their respective authorized representative, have executed this instrument on the date indicated below.

| SIGNED for and on behalf of InterDigital VC Holdings, Inc. |  |   |  |  |
|--|--|---|--|--|
| By   | Cloumb   | 1/13/2021                                       |  |  |
| J  | (Signature) 150F5EE41E                           | (Date)  |  |  |
|  | Christos Ioannidi                                | Senior Patent Executive                         |  |  |
|  | (Print Name)                                     | (Print Title)                                   |  |  |
| SIGNI<br>By  | ED for and out behalf of InterDigital CE    Duml | Patent Holdings 1/13/2021 (Date) Vice President |  |  |
|  | Christos Ioannidi                                |   |  |  |
|  | (Print Name)                                     | (Print Title)                                   |  |  |
| SIGNI  | ED for and on hehalf of InterDigital VC          | <b>Holdings France, SAS</b>                     |  |  |
| By   | Cloamb   | 1/13/2021                                       |  |  |
| - 3  | (Signature)                                      | (Date)  |  |  |
|  | Christos Ioannidi                                | Vice President                                  |  |  |
|  | (Print Name)                                     | (Print Title)                                   |  |  |

## Patent Assignment: IDVC and ICPH to IVHF

# **EXHIBIT A**

| Country | Application No.   | Patent or<br>Publication No. | Filing Date    | Title   |
|---------|-------------------|------------------------------|----------------|---|
| WO      | PCT/US2019/045687 | 2020/041003                  | August 8, 2019 | Coding of Quantization Matrices Using Parametric Models |

PATENT REEL: 055207 FRAME: 0844