PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6274453

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEBASTIEN LASSERRE	02/14/2020
JULIEN RICARD	02/06/2020
YANNICK OLIVIER	03/27/2020

RECEIVING PARTY DATA

Name:	INTERDIGITAL VC HOLDINGS, INC.
Street Address:	200 BELLEVUE PARKWAY
Internal Address:	SUITE 300
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16153719

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: 3125857909

Email: docket@inventionmine.com **Correspondent Name:** INVENTION MINE LLC

216 SOUTH JEFFERSON STREET Address Line 1:

Address Line 2: SUITE 102

Address Line 4: CHICAGO, ILLINOIS 60661

ATTORNEY DOCKET NUMBER:	2017P00161 US
NAME OF SUBMITTER:	ROBERT J. IRVINE III
SIGNATURE:	/Robert J. Irvine III/
DATE SIGNED:	08/28/2020

Total Attachments: 5

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PATENT REEL: 053637 FRAME: 0042 506227709

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> PATENT REEL: 053637 FRAME: 0043

Docket No.: PF170178-US 2017 PCの161 US

PATENT ASSIGNMENT

WHEREAS, I/We,

- 1. Sébastien LASSERRE CESSON-SEVIGNE FRANCE
- 2. Julien RICARD CESSON-SEVIGNE FRANCE

3. Yannick OLIVIER CESSON-SEVIGNE FRANCE

(hereinafter "Assignor(s)"), are sole/joint inventor(s) of certain inventions improvements set forth in Patent Application No16/153719, filed OCT 06, 2018 , entitled:

A METHOD AND APPARATUS FOR ENCODING A POINT CLOUD REPRESENTING THREE-DIMENSIONAL OBJECTS

("Patent Application"); and

WHEREAS, InterDigital VC Holdings, Inc., an US corporation having a place of business at 200 Bellevue Parkway, Suite 300, Wilmington, Delaware 1980, USA (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in, to and under the Patent Application; the inventions, discoveries and improvements disclosed ar claimed therein ("Inventions"); and any and all patents, certificates of invention, utility models and other forms of protection which may be granted thereon or as a result thereof in any and all countries ("Patents").

NOW, THEREFORE, for good and valuable consideration, the receips of which is hereby acknowledged, and intending to be legally bound hereby, I/we, the undersigned Assignor(s), hereby agree to sell, assign, transfer and convey, and by these presents do sell, assign, transfer and convey to Assignee, our entire right, title and interest in and to any and als of the following:

- i. the Patent Application, the Inventions and the Patents, for the United States, its possessions and territories and all foreign countries and territories;
- ii. the rights of priority created by the Patent Application and the Patents under any treaty relating thereto, including the rights to apply for Patents covering the Inventions in any and all countries;
- iii. any and all patent applications and Patents resulting from the Patent Application or covering the Inventions in any and all countries, including provisionals, non-provisionals, divisionals, continuations, continuations-in-part, renewals, substitutions, extensions, reissues and re-examinations thereof;

iv. all past, present and future causes of action and enforcement rights, whether currently pending, filed or otherwise, in connection with the Patent Application, the Inventions, the Patents, or the patents and patent applications resulting increased including without limitation, all rights to sue for any past, present or future infringements 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 the Patent Application 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 held and enjoyed by Assignor(s), if this Assignment and sale had not been made.

AND for the aforesaid consideration Assignor(s) hereby covenant, agree and undertake to execute and deliver to Assignee, its successors, assigns, nominees, or legal representatives, whenever requested and without undue delay, all patent applications, assignments, oaths and any other papers which Assignee may deem necessary or desirable for securing to or maintaining for the Assignee the Patent Application, the Patents and the Inventions hereby assigned, and each of the undersigned Assignor(s) agrees to communicate to Assignee or to its pominee all known facts respecting the Patent Application, the Patents and the Inventions, to testify in any legal or administrative proceeding related thereto, and generally to cooperate with and do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for their own benefit proper patent protection for the Inventions in any and all countries, all without further compensation to the undersigned Assignor(s).

AND Assignor(s) hereby authorize and request the Commissionar 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 Assignee, as Assignee of the entire right, title and interest, any and all Patents for the inventions that may be issued and granted on or as a result of the Patent Application, in accordance with the terms of this assignment.

AND Assignor(s) hereby authorize Assignee or Assignee's representative to insert the application number and/or filing date of the Patent Application if they are was own at the time of execution of this Assignment.

AND Assignor(s) hereby covenant that Assignor(s) have full right to convey the entire interest herein assigned, and that Assignor(s) have not executed and will not execute any agreement in conflict herewith.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we/I hereby authorize Assignee or Assignee's representative 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.

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Change 194 Loro	Stephe Unitario 12/
Date /	Sébastien LASSERRE
Signed at <u>Tori Failles</u> (City 3 ^{hd} Country)	FRANCE
City fini Comm)	
statement of witness: i, <u>kj</u>	\(\tag{\tag{\tag{\tag{\tag{\tag{\tag{
	Name of Witness
whose full address is: <u>6 allée du</u>	Muguet 35235 THORIGNE FOULLARD, FRANCE
	Address of Witness
	stien LASSERRE execute this Assignment on the
14" day of February	, <u>2020</u> and such Assignor is personally known to
me to be the person described herein.	
	亦 至子
	Signature of Witness

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PATENT REEL: 053637 FRAME: 0046

5/02/2020	Application and the second
Date	Julien RÉCARD
signed at <u>Jerro</u>	Se-jues - Fromes
(City and Country)	
STATEMENT OF WITNESS: I,	Onede Celine Name of Witness
196.	1 M 0
vhose full address is: <u>ULILE de</u>	LL Mare Pavée, Cesson Servigue Address of Witness
	1.400.000 01 1110.000
was personally present and did see Jul	ien RICARD execute this Assignment on the
	nd such Assignor is personally known to me to be the
person described herein.	na saen radagaor la personany anomi to me er er die
orden acceptant nordin	
	Gride
	Signature of Witness

PF170178-US

29th March 2019
Date Ysinniek OLIVIER
Signed at <u>C若らいー S 新 I GN 在</u> (City and Country)
STATEMENT OF WITNESS: 1, <u>Lawla Tauze</u>
Name of Witness whose full address is: <u>Name of Valuation 35200 REAMES</u> FMANO Address of Witness
was personally present and did see Yannick OLIVIER execute this Assignment on the 244 day of, 2012 and such Assignor is personally known to me to be the
person described herein.
Signature of Witness

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RECORDED: 08/28/2020