505230873 12/11/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		Name	Execution Date			
THOMSON LICENSING	a		07/30/2018			
RECEIVING PARTY D						
Name:		INTERDIGITAL VC HOLDINGS, INC				
Street Address:	200 BELL	200 BELLEVUE PKWY				
Internal Address:	SUITE 30	00				
City:	WILMING	GTON				
State/Country:	DELAWA	RE				
Postal Code:	19809	19809				
Property Type		Number				
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Application Number:	16	6130347				
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EXHIBIT A

Recordable Confirmatory Patent Assignment

THIS PATENT ASSIGNMENT ("Assignment"), effective as of July 30, 2018, is made by and between THOMSON LICENSING SAS, a *société par actions simplifiée* organized under the Laws of the French Republic (hereinafter "**ASSIGNOR**"); and INTERDIGITAL VC HOLDINGS, INC., a Delaware corporation (hereinafter "**ASSIGNEE**").

WHEREAS:

A **ASSIGNOR** is the sole owner of the patents and/or patent applications listed in the attached Appendix A (hereinafter "the **PATENTS**"); and

B **ASSIGNEE** is desirous of acquiring all of **ASSIGNOR's** right, title and interest in and to the **PATENTS**.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, **ASSIGNOR** has sold, assigned and transferred, and does hereby confirm the sale, assignment and transfer to **ASSIGNEE** of all of **ASSIGNOR's** right, title and interest in and to (i) the **PATENTS**; (ii) all patents and patent applications linked to the **PATENTS** through one or more claims of priority pursuant to 35 U.S.C. §§ 120 or 119(e) (the equivalent laws or regulation of any other patent authority) or that are, or are entitled to be, foreign counterparts, reissues, divisionals, renewals, revivals, reissues, reexaminations, extensions, continuations or continuations-in-part with respect to any other patent or patent applications in such set of the **PATENTS**, and (iii) the right to sue for and recover damages for any past, present or future infringement of the **PATENTS**, 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, to the end of the term or terms thereof as fully and entirely as the same would have been held and enjoyed by **ASSIGNOR**, if this assignment and sale had not been made.

IN WITNESS WHEREOF, **ASSIGNOR** has caused this Recordable Patent Assignment to be signed by its duly appointed officer having full authority in the circumstances; and **ASSIGNEE** has caused this Recordable Patent Assignment to be signed by its duly appointed officer having full authority in the circumstances.

(Signatures on the next page.)

SIGNED for and on behalf of

THOMSON LICENSING SAS
By $O^{2}/23/18$. (Signature) (Date)
Adrien Cadieux, Duly authorized (Print Name and Title)
State of NEW York
County of New York
On this <u>23rd</u> day of <u>July</u> , 2018 before me, <u>Actilen (actilux</u> , personally appeared , who proved to me on the basis of satisfactory
evidence to be the person whose name is subscribed to the instrument and acknowledged to me that he/she executed the same in his/her authorized capacity and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the

instrument.

I certify under PENALTY OF PERJURY under the laws of the State of <u>New York</u> that the foregoing paragraph is true and correct.

WITNESS my hand and official seal. Public) ß otary

HANNIAH SCHLATZ Notary Public, State of New York He. 01903383883 Questied in New York County Commission Expires August 21, 2021

[Signature Page to the VC PALA Recordable Confirmatory Patent Assignment]

PATENT REEL: 047746 FRAME: 0283 SIGNED for and on behalf of

INTERDICITAL VC HOLDINGS INC.

By	=1B-A	
(Sign	1 *	(Date)
Timelly (Print Name). Borghuis, Interi and Title)	m President
State of 📐	Anere com	
County of	Vers Castle	
On this	day of	2018 before me

 $\frac{\sqrt{1}}{\sqrt{1}} \frac{\sqrt{1}}{\sqrt{1}} \frac{\sqrt{1}}{\sqrt{1}}$

instrument.

I certify under PENALTY OF PERJURY under the laws of the State of Delaware. that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Notary Public)

JEREMY DALEY SCHROEPFER Notery Public State of Deleware My Commission Expires on Sep 14, 2018

[Signature Page to the VC PALA Recordable Confirmatory Patent Assignment]

PATENT REEL: 047746 FRAME: 0284

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PF140349-US-PCT	US	12/9/2015	15/537382		
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PF140351-BR-PCT	BR	2/26/2016	BR112017019004 4		
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PATENT REEL: 047746 FRAME: 0285