

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5667022

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	THOMSON LICENSING	07/30/2018
RECEIVING PARTY DATA		
Name:	INTERDIGITAL VC HOLDINGS, INC.	
Street Address:	200 BELLEVUE PKWY, SUITE 300	
City:	WILMINGTON	
State/Country:	DELAWARE	
Postal Code:	19809	
PROPERTY NUMBERS Total: 8		
Property Type	Number	
Application Number:	15744813	
Application Number:	15546646	
Application Number:	15545782	
Application Number:	15110210	
Application Number:	15571901	
Application Number:	15319421	
Application Number:	15571818	
Application Number:	15741096	
CORRESPONDENCE DATA		
Fax Number:	(609)212-2990	
<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>		
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ATTORNEY DOCKET NUMBER:	PF150194 ET AL	
NAME OF SUBMITTER:	KATHLEEN LYLES	
SIGNATURE:	/Kathleen Lyles/	

DATE SIGNED:	08/13/2019
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Total Attachments: 10

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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.

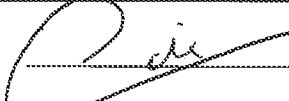
IN WITNESS WHEREOF, **ASSIGNOR** has caused this Recordable Patent Assignment to be signed by its duly appointed officer having full authority in the circumstances; and **ASSIGNEE** has caused this Recordable Patent Assignment to be signed by its duly appointed officer having full authority in the circumstances.

(Signatures on the next page.)

SIGNED for and on behalf of

THOMSON LICENSING SAS

By


(Signature)

on

02/23/18
(Date)

Adrien Cadieux, Duly authorized
(Print Name and Title)

State of New York

County of New York

On this 23rd day of July, 2018 before me,
Adrien Cadieux, 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 New York that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.


(Notary Public)

HANNAH SCHLITZ
Notary Public, State of New York
No. 01808363853
Qualified in New York County
Commission Expires August 21, 2021

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

PATENT
REEL: 050042 FRAME: 0868

SIGNED for and on behalf of

INTERDIGITAL VC HOLDINGS, INC.

By

[Signature]

on

(Signature)

(Date)

Timothy J. Berghuis, Interim President

(Print Name and Title)

State of Delaware

County of New Castle

On this _____ day of _____, 2018 before me,

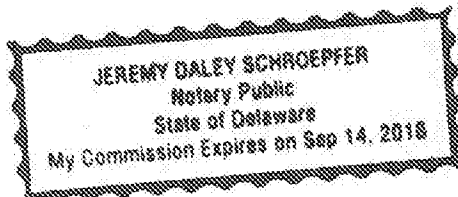
Jeremy Daley Schroepfer, personally appeared

Timothy J. Berghuis, 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 Delaware that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Signature]
(Notary Public)



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

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PF150138-CN-PCT	CN	9/15/2016	201680065023.8
PF150138-EP-EPT	EP	9/15/2016	16769942.0
PF150138-IN-PCT	IN	9/15/2016	201817008753
PF150138-JP-PCT	JP	9/15/2016	2018-513441
PF150138-KR-PCT	KR	9/15/2016	10-2018-7010424
PF150138-MX-PCT	MX	9/15/2016	MX/a/18/003263
PF150138-RU-PCT	RU	9/15/2016	2018113737
PF150138-US-PCT	US	9/15/2016	15/761088
PF150143-WO-PCT	WO	5/4/2016	PCT/EP16/060081
PF150143-WO-PCT[2]	WO	1/20/2017	PCT/EP17/051178
PF150148-EP-EPT	EP	6/3/2016	16730710.7
PF150148-US-PCT	US	6/3/2016	15/572024
PF150152-CN-PCT	CN	5/11/2016	201680029382.8
PF150152-EP-EPT	EP	5/11/2016	16722186.0
PF150152-JP-PCT	JP	5/11/2016	2017-554054
PF150152-KR-PCT	KR	5/11/2016	10-2017-7033729
PF150152-US-PCT	US	5/11/2016	15/572894
PF150153-US-PCT	US	5/11/2016	15/577830
PF150157-WO-PCT	WO	9/21/2017	PCT/EP17/073910
PF150161-EP-EPT	EP	9/15/2016	16770720.7
PF150161-US-PCT	US	9/15/2016	15/763108
PF150162-CN-PCT	CN	9/14/2016	201680065467.1
PF150162-EP-EPT	EP	9/14/2016	16769920.6
PF150162-JP-PCT	JP	9/14/2016	2018-513495
PF150162-KR-PCT	KR	9/14/2016	10-2018-7010267
PF150162-US-PCT	US	9/14/2016	15/759215
PF150186-CN-PCT	CN	7/6/2016	201680041912.0
PF150186-EP-EPT	EP	7/6/2016	16736115.3
PF150186-JP-PCT	JP	7/6/2016	2018-500550
PF150186-KR-PCT	KR	7/6/2016	10-2018-7001509
PF150186-US-PCT	US	7/6/2016	15/745463
PF150194-BR-PCT	BR	7/7/2016	BR1120180009105
PF150194-CA-PCT	CA	7/7/2016	2992654
PF150194-CN-PCT	CN	7/7/2016	201680049614.6
PF150194-EP-EPT	EP	7/7/2016	16736451.2
PF150194-IN-PCT	IN	7/7/2016	201847001118
PF150194-JP-PCT	JP	7/7/2016	2018-501856
PF150194-KR-PCT	KR	7/7/2016	10-2018-7001338
PF150194-MX-PCT	MX	7/7/2016	MX/a/18/000575
PF150194-RU-PCT	RU	7/7/2016	2018105678
PF150194-US-PCT	US	7/7/2016	15/744813
PF150205-CN-NP	CN	8/12/2016	201610663990.6
PF150205-EP-EPA[2]	EP	8/11/2016	16183837.0
PF150205-HK-FPR[2]	HK	8/3/2017	17107704.3
PF150205-JP-NP	JP	8/15/2016	2016-159273

PF150235-EP-EPT	EP	9/16/2016	16769968.5
PF150235-IN-PCT	IN	9/16/2016	201847009311
PF150235-JP-PCT	JP	9/16/2016	2018-514263
PF150235-KR-PCT	KR	9/16/2016	10-2018-7007687
PF150235-MX-PCT	MX	9/16/2016	MX/a/18/003268
PF150235-RU-PCT	RU	9/16/2016	2018113710
PF150235-US-PCT	US	9/16/2016	15/759222
PF150236-BR-PCT	BR	9/16/2016	BR1120180053520
PF150236-CA-PCT	CA	9/16/2016	2998672
PF150236-CN-PCT	CN	9/16/2016	201680065444.0
PF150236-EP-EPT	EP	9/16/2016	16777921.4
PF150236-IN-PCT	IN	9/16/2016	201847009500
PF150236-JP-PCT	JP	9/16/2016	2018-514461
PF150236-KR-PCT	KR	9/16/2016	10-2018-7007688
PF150236-MX-PCT	MX	9/16/2016	MX/a/18/003264
PF150236-RU-PCT	RU	9/16/2016	2018113727
PF150236-TW-NP	TW	9/19/2016	105130177
PF150236-US-PCT	US	9/16/2016	15/759667
PF150238-CN-PCT	CN	9/16/2016	201680067343.7
PF150238-EP-EPT	EP	9/16/2016	16769967.7
PF150238-JP-PCT	JP	9/16/2016	2018-514443
PF150238-KR-PCT	KR	9/16/2016	10-2018-7010679
PF150238-TW-NP	TW	9/19/2016	105130178
PF150238-US-PCT	US	9/16/2016	15/760397
PF150247-WO-PCT	WO	9/21/2017	PCT/EP17/073913
PF150251-CN-NP	CN	3/14/2017	201710150488.X
PF150251-EP-EPA[2]	EP	3/8/2017	17159891.5
PF150251-JP-NP	JP	3/7/2017	2017-042405
PF150251-KR-NP	KR	3/10/2017	10-2017-0030611
PF150251-US-NP	US	3/13/2017	15/457989
PF150253-EP-EPT	EP	5/17/2016	16723108.3
PF150253-US-PCT	US	5/17/2016	15/571818
PF150262-CN-PCT	CN	9/19/2016	201680054233.7
PF150262-EP-EPT	EP	9/19/2016	16769971.9
PF150262-JP-PCT	JP	9/19/2016	2018-512363
PF150262-KR-PCT	KR	9/19/2016	10-2018-7007713
PF150262-US-PCT	US	9/19/2016	15/761100
PF150264-US-PCT	US	9/19/2016	15/763075
PF150267-BR-PCT	BR	12/16/2016	BR1120180127922
PF150267-CA-PCT	CA	12/16/2016	3008719
PF150267-CN-PCT	CN	12/16/2016	PCT/EP16/081611
PF150267-EP-EPT	EP	12/16/2016	16810414.9
PF150267-IN-PCT	IN	12/16/2016	201847021024
PF150267-JP-PCT	JP	12/16/2016	2018-531605
PF150267-KR-PCT	KR	12/16/2016	10-2018-7017380
PF150267-MX-PCT	MX	12/16/2016	MX/a/18/007572
PF150267-MY-PCT	MY	12/16/2016	PI2018702089