

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THOMSON LICENSING	07/30/2018
RECEIVING PARTY DATA	
Name:	INTERDIGITAL CE PATENT HOLDINGS
Street Address:	3 RUE DU COLONEL MOLL
City:	PARIS
State/Country:	FRANCE
Postal Code:	75017
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15538647
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>	
Phone:	609-436-5847
Email:	kathleen.lyles@interdigital.com
Correspondent Name:	BRIAN J. DORINI, INTERDIGITAL
Address Line 1:	4 RESEARCH WAY, 3RD FLOOR
Address Line 4:	PRINCETON, NEW JERSEY 08540
ATTORNEY DOCKET NUMBER:	PF140347
NAME OF SUBMITTER:	KATHLEEN LYLES
SIGNATURE:	/Kathleen Lyles/
DATE SIGNED:	02/25/2019
Total Attachments: 4	
source=PF140347 - NewCo Confirmatory Patent Assignment dated 30JUL2018_InterDigital CE Patent Holdings#page1.tif	
source=PF140347 - NewCo Confirmatory Patent Assignment dated 30JUL2018_InterDigital CE Patent Holdings#page2.tif	
source=PF140347 - NewCo Confirmatory Patent Assignment dated 30JUL2018_InterDigital CE Patent Holdings#page3.tif	
source=PF140347 - NewCo Confirmatory Patent Assignment dated 30JUL2018_InterDigital CE Patent	

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 CE PATENT HOLDINGS, SAS, a *société par actions simplifiée* organized under the laws of the French Republic (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.

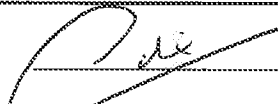
IN WITNESS WHEREOF, **ASSIGNOR** has caused this Recordable Patent Assignment to be signed by its duly appointed officer having full authority in the circumstances; and **ASSIGNEE** has caused this Recordable Patent Assignment to be signed by its duly appointed officer having full authority in the circumstances.

(Signatures on the next page.)

SIGNED for and on behalf of

THOMSON LICENSING SAS

By


(Signature)

on

07/23/18

(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 SCHULTZ
Notary Public, State of New York
No. 01906363663
Qualified in New York County
Commission Expires August 21, 2021

[Signature Page to the NewCo Patent Agreement Recordable Confirmatory Patent Assignment]

PATENT
REEL: 048431 FRAME: 0491

SIGNED for and on behalf of

INTERDIGITAL CE PATENT HOLDINGS, SAS

By [Signature] _____
(Signature) (Date)

Timothy J. Berghuis, President
(Print Name and Title)

State of Delaware

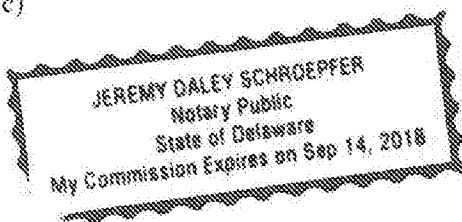
County of New Castle

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 NewCo Patent Agreement Recordable Confirmatory Patent
Assignment]*

APPENDIX A

PF140340-KR-PCT	KR	11/25/2015	10-2017-7014757		
PF140340-US-PCT	US	11/25/2015	15/532099		
PF140342-EP-EPA	EP	6/17/2015	15305941.5		
PF140342-US-NP	US	6/15/2016	15/183213		
PF140345-BR-NP	BR	7/18/2016	BR1020160166268		
PF140345-EP-EPA[2]	EP	7/12/2016	16179100.9		
PF140345-US-NP	US	7/17/2016	15/212253		
PF140347-CN-PCT	CN	12/18/2015	201580070018.1		
PF140347-EP-EPT	EP	12/18/2015	15813837.0		
PF140347-JP-PCT	JP	12/18/2015	2017-533234		
PF140347-KR-PCT	KR	12/18/2015	10-2017-7020234		
PF140347-US-PCT	US	12/18/2015	15/538647		
PF140348-CN-PCT	CN	12/18/2015	201580070298.6		
PF140348-EP-EPT	EP	12/18/2015	15817262.7		
PF140348-JP-PCT	JP	12/18/2015	2017-531507		
PF140348-KR-PCT	KR	12/18/2015	10-2017-7017100		
PF140348-US-PCT	US	12/18/2015	15/538366		
PF150001-CN-NP	CN	12/15/2016	201611159809.4		
PF150001-EP-EPA[2]	EP	12/14/2016	16203918.4		
PF150001-JP-NP	JP	12/14/2016	2016-242261		
PF150001-KR-NP	KR	12/15/2016	2016-0171582		
PF150001-US-NP	US	12/15/2016	15/379710		
PF150008-EP-EPA	EP	5/29/2015	15305818.5		
PF150012-CN-NP	CN	2/19/2016	201610227930.X		
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PF150012-JP-NP	JP	2/17/2016	2016-027475		
PF150012-KR-NP	KR	2/17/2016	10-2016-18718		
PF150012-TW-NP	TW	2/18/2016	105104677		
PF150012-US-NP	US	2/19/2016	15/048292		
PF150015-EP-EPA	EP	6/30/2015	15306056.1		
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PF150016-WO-PCT	WO	7/20/2017	PCT/EP17/068312		
PF150021-CN-NP	CN	6/23/2017	201710491073.9		
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PF150061-BE-EPA[2]	BE	4/15/2016	16165507.1	6/20/2018	3086618
PF150061-CN-NP	CN	4/22/2016	201610256608.X		
PF150061-DE-EPA[2]	DE	4/15/2016	16165507.1	6/20/2018	602016003613.4
PF150061-FR-EPA[2]	FR	4/15/2016	16165507.1	6/20/2018	3086618
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