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		
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City:	PARIS		
State/Country:	FRANCE		
Postal Code:	75017		

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	15149434		

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	PU010058-US-DIV
NAME OF SUBMITTER:	KATHLEEN LYLES
SIGNATURE:	/Kathleen Lyles/
DATE SIGNED:	05/24/2019

Total Attachments: 4

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PATENT REEL: 049275 FRAME: 0371

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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 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.)

PATENT REEL: 049275 FRAME: 0373 THOMSON LICENSING SAS on 09/23/18.

(Signature) (Date)

Adrien Cadieux, Duly authorized

(Print Name and Title)

Вγ

State of NEW York

SIGNED for and on behalf of

County of New York

On this 33rd day of July , 2018 before me, Advice (advice), 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.

þæry Public'

HANNAH SCHULTZ Notary Public, State of New York Commission Expires August 21, 2021

SIGNED for and on behalf of

IN	<u> FERDIGITAL CI</u>	PATENT HOL	LDINGS, SAS			
By	Warmen A.	784				
	(Signature)		(D	ate)		
	nothy J. Berghuis int Name and Title					
Stat	te of <u>Delaware</u>					
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Included Institute 1	this day of this day of the Sun of the per he/she executed the rument the person, rument.	pe , pe in x s son whose name i ne same in his/her	who j is subscribed to r authorized capa	ed proved to me on the the instrument and scity and that by hi	acknowledged s/her signature	d to me
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[Signature Page to the NewCo Patent Agreement Recordable Confirmatory Patent Assignment]

PATENT REEL: 049275 FRAME: 0375

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