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:	14771316		

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	PU130026
NAME OF SUBMITTER:	KATHLEEN LYLES
SIGNATURE:	/Kathleen Lyles/
DATE SIGNED:	05/28/2019

Total Attachments: 4

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PATENT REEL: 049289 FRAME: 0519

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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.)

SIGNED for and on behalf of

THOMSON LICENSING SAS
By / 12 on 09/23/18.
(Signature) (Date)
Adrien Cadieux, Duly authorized (Print Name and Title)
State of NW York
County of New York
On this 33rd day of July, 2018 before me, Action (action), 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. 019C8363663
Gualified in New York County
Commission Expires August 21, 2021

INTERDIGITAL CE PATENT HOLDINGS, SAS
By T T T T B 4 C T T T T T T T T T T T T T T T T T T
(Signature) / (Date)
Timothy J. Berghuis, President (Print Name and Title)
State of Velanare
County of New Castle
On this
I certify under PENALTY OF PERIURY under the laws of the State of كامدها المحالية that the foregoing paragraph is true and correct.
WITNEXS my hand and official seal.
(Notary Public) JEREMY CALEY SCHROEPFER Notary Public State of Delaware State of Delaware My Commission Expires on Sep 14, 2018

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

APPENDIX A

PU130025-AU-PCT	AU	6/28/2013	2013381007		
PU130025-BR-PCT	BR	6/28/2013	BR1120150211399		
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PU130025-EP-EPT	EP	6/28/2013	13736722.3		
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