

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5916938

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THOMSON LICENSING	10/14/2019
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:	16342080
CORRESPONDENCE DATA	
Fax Number:	
<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:	3174140433
Email:	mapugel2009@gmail.com
Correspondent Name:	MICHAEL PUGEL
Address Line 1:	20925 CREEK RD
Address Line 4:	NOBLESVILLE, INDIANA 46060
ATTORNEY DOCKET NUMBER:	PF160144-US-PCT
NAME OF SUBMITTER:	MICHAEL A. PUGEL
SIGNATURE:	/Michael A. Pugel Reg No. 57368/
DATE SIGNED:	01/17/2020
Total Attachments: 7	
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**Confirmatory Statement of Ownership
Patents**

The undersigned

THOMSON Licensing, a “*Société par Actions Simplifiée à Associé Unique*” duly organized and existing under the laws of France, with a share capital of 42.000.000 euros, with a registered office 975 Avenue des Champs Blancs CS17616, 35510 Cesson-Sévigné, France, registered at the trade register of Rennes under number 383 461 191 represented by Adrien Cadieux, duly authorized
TL hereinafter referred as “Assignor”

and

InterDigital CE Patent Holdings, a “*Société par Actions Simplifiée* » (*Société à associé unique*) duly organized and existing under the laws of France, with a share capital of 10 025 000 euros, with a registered office at 3 rue du Colonel Moll, 75017 Paris, France, registered at the trade register of Paris under number 839 664 273 represented by Timothy Berghuis
IDCE hereinafter referred as “Assignee”

Assignor and Assignee are collectively referred to as “the Parties”

WHEREAS according to the agreement “Patent Assignment” effective as of May 31, 2019 (hereinafter the “Agreement”), Assignor has assigned all right, titles and interest in and to the Patents (as defined below) to Assignee.

WHEREAS, to avoid any doubt and for Patent protection proceeding reasons, the Parties intends to confirm the assignment resulting from the Agreement from Assignor to Assignee.

The Parties hereby wish to confirm the effect of the terms of the Agreement with respect to the ownership of the aforementioned Patents.

Definitions:

“**Patent**” means inventions, processes and all patents/patent applications, utility models therefor, and their divisions, reissues, continuations, continuations-in-whole or part, renewals, and extensions, as well as domestic and foreign applications for any of the foregoing, and the registrations therefore worldwide, including any provisional applications, internal priority, and priority right as provided by multilateral conventions or treaties, such as the Paris Convention of 1883, the European Patent Convention (EPC) or the Patent Cooperation Treaty (PCT), bilateral conventions, and the registrations therefore worldwide.

I. CONFIRMATION OF OWNERSHIP :

For good and valuable consideration as provided in the Agreement, the receipt and sufficiency of which is hereby acknowledged, TL hereby confirms that, all of its rights, title and interest in and to the Patents as listed in exhibit A are owned exclusively and solely by Assignee as of the execution date of the Agreement.

II. MISCELLANEOUS:

The parties agree that the present Statement of ownership may be disclosed to any relevant authorities where necessary to register, or otherwise perfect or enforce the ownership of such rights, titles and interests in the assigned Patents.

IN WITNESS WHEREOF, the Parties have executed this agreement in Cesson-Sévigné.

Assignee	Assignor
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Delivery of an executed counterpart of a signature page to this agreement by facsimile transmission or in a non-modifiable electronic copy (e.g. in pdf format) via email is deemed as effective as delivery of an originally executed counterpart of this agreement.

For **THOMSON LICENSING**

Name : Vincent Duffy

Title: Chief U.S. Patent Attorney

Date : October 14, 2019

Signature



For **InterDigital CE Patent Holdings**

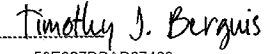
Name : Timothy J. Berguis

Title : President

Date : 10/15/2019

Signature

DocuSigned by:



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Assignee

Assignor

Exhibit A - Patents:

Family No.	Case Ref	Country	filing Type	filing Date	Filing No.	Pub Date	Pub No.	Grant No.	Grant Date	Priority Date
PF160006	PF160006-EP-EPA	Europe	EPA	3/24/2016	16305343.2	9/27/2017	EP3223063			"abandoned 03/09/2019 "
	PF160006-WO-PCT	International	PCT	3/24/2017	PCT/EP2017/057129	9/28/2017	WO2017162880			9/24/2018
	PF160006-US-PCT	US	PCT	3/24/2017	16/087,684					3/24/2037
	PF160006-EP-EPT	Europe	EPT	3/24/2017	EP1771217 4.6	1/30/2019	EP3433663			3/24/2037
	PF160006-CN-PCT	China	PCT	3/24/2017	201780020 0372	11/23/2018	CN108885354A			3/24/2037
	PF160006-KR-PCT	Korea	PCT	3/24/2017	10-2018- 7027190					3/24/2037
	PF160006-JP-PCT	Japanese	PCT	3/24/2017	2018- 549964					3/24/2037
	PF160006-WO-PCT[2]	International	PCT	3/24/2017	PCT/EP2017/057131	9/28/2017	WO2017162882			9/24/2018
	PF160006-US-PCT[2]	US	PCT	3/24/2017	16/087,670	4/04/2019	US201900101769 A1			3/24/2037
	PF160006-EP-EPT[2]	Europe	EPT	3/24/2017	EP1771251 8.4	1/30/2019	EP3433664			3/24/2037
	PF160006-CN-PCT[2]	China	PCT	3/24/2017	201780028 497.X	2/05/2019	CN109313353A			3/24/2037
	PF160006-KR-PCT[2]	Korea	PCT	3/24/2017	102018703 0602					3/24/2037
	PF160006-JP-PCT[2]	Japanese	PCT	3/24/2017	2018- 549809					3/24/2037
PF160024	PF160024-EP-EPA	Europe	EPA	3/24/2016	16305342.4	9/27/2017	EP3223062		3/24/20	3/24/2036

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	PF160024-WO-PCT	International	PCT	3/24/2017	PCT/EP2017/057130	9/28/2017	WO2017/162881	9/24/2018
	PF160024-EP-EPT	Europe	EPT	3/24/2017	EP1771564 4.5	1/30/2019	EP3433665	3/24/2037
	PF160024-JP-PCT	Japanese	PCT	3/24/2017	2018-549942			3/24/2037
	PF160024-KR-PCT	Korea	PCT	3/24/2017	10-2018-7027255			3/24/2037
	PF160024-US-PCT	US	PCT	3/24/2017	16/087,668	4/04/2019	US20190101700A I	3/24/2037
	PF160024-CN-PCT	China	PCT	3/24/2017	201780022 365.6	12/21/2018	CN109073910A	3/24/2037
PF160092	PF160092-EP-EPA	Europe	EPA	10/21/2016	16306385.2	4/25/2018	EP3312674	abandoned
	PF160092-WO-PCT	International	PCT	10/20/2017	PCT/EP17/076881	6/16/2018	WO2018073427	4/21/2019
	PF160092-EP-PCT	Europe	EPT	10/20/2017	17797065.4			10/20/2037
	PF160092-US-PCT	US	PCT	10/20/2017	16/341,942			10/20/2037
	PF160092-CN-PCT	China	PCT	10/20/2017	201780065 057.1			10/20/2037
PF160097	PF160097-EP-EPA	Europe	EPA	4/7/2017	17305414.9	10/10/2018	EP3385219	4/7/2037
	PF160097-US-NP	US	NP	4/6/2018	15/946821	12/13/2018	US20180354844A I	4/6/2038
PF160143	PF160143-EP-EPA	Europe	EPA	10/21/2016	16306387.8			abandoned
	PF160143-WO-PCT	International	PCT	10/20/2017	PCT/EP2017/076877	4/26/2018	WO/2018/073426	4/21/2019
	PF160143-US-PCT	US	PCT	10/20/2017	16/342,036			10/20/2037
	PF160143-CN-PCT	China	PCT	10/20/2017	201780064 815.8			10/20/2037
PF160144	PF160143-EP-EPT	Europe	EPT	10/20/2017	17784325.7			10/20/2037
	PF160144-EP-EPA	Europe	EPA	10/21/2016	16306386.0			abandoned
	PF160144-WO-PCT	International	PCT	10/20/2017	PCT/EP2017/076835	4/26/2018	WO/2018/073407	4/21/2019
	PF160144-US-PCT	US	PCT	10/20/2017	16/342,080			10/20/2037
	PF160144-CN-PCT	China	PCT	10/20/2017	201780065 092.3			10/20/2037

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PF160157	PF160144-EP-EPT PF160157-EP-EPA PF160157-WO- PCT	Europe Europe International	EPT EPA PCT	10/20/2017 12/29/2016 12/27/2017	17784975.9 16306844.8 PCT/EP17/ 084650	7/5/2018	WO/2018/122267	10/20/2037 abandoned 6/29/2019
PF170084	2016P00125WE 2016P00125WOC N	Europe China	EPT PCT	12/27/2017 12/27/2017	17842417.2 201780081 577.1			12/27/2037 12/27/2037
PF170085	2016P00125WOUS PF170084-EP-EPA PF170084-WO- PCT	US Europe International	PCT EPA PCT	12/27/2017 9/29/2017 9/28/2018	16/464.318 17306303.3 PCT/EP201 8/076411	4/3/2019 4/4/2019	EP3462495 WO2019063766	12/27/2037 9/29/2037 3/29/2020
PF170086	PF170085-EP-EPA PF170085-WO- PCT	Europe International	EPA PCT	9/1/2017 8/28/2018	17306136.7 PCT/EP201 8/073156	3/6/2019 3/7/2019	EP3451027 WO2019/043016	abandoned 3/1/2020
PF170133	PF170086-EP-EPA PF170086-WO- PCT	Europe International	EPA PCT	9/29/2017 9/28/2018	17306298.5 PCT/EP201 8/076415	4/3/2019 4/4/2019	EP3462724 WO2019063768	9/29/2037 3/29/2020
PF170135	PF170133-EP-EPA PF170133-WO- PCT	Europe International	EPA PCT	9/26/2017 8/27/2018	17306276.1 PCT/EP201 8/072956	3/27/2019 4/04/2019	EP3460561 WO2019063221	abandoned 3/26/2020
PF170136	PF170135-EP-EPA PF170135-WO- PCT	Europe International	EPA PCT	9/26/2017 8/31/2018	17306274.6 PCT/EP201 8/073541	3/27/2019 4/04/2019	EP3460848 WO2019063241	abandoned 3/26/2020
PF170204	PF170136-EP-EPA PF170136-US PF170136-CN	Europe US China	EPA	12/01/2017 4/08/2019 4/12/2019	17306684.6 16/377.275 201910294 988.X			12/01/2037 4/08/2039 4/12/2039
PF170226	PF170204-EP-EPA PF170204-WO- PCT	Europe International	EPA PCT	12/13/2017 12/11/2018	17306763.8 PCT/EP201 8/084269			12/13/2037 6/13/2020
PF170249	PF170226-EP-EPA PF170226-WO- PCT	Europe International	EPA PCT	12/27/2017 12/20/2018	17306935.2 PCT/EP201 8/086335			12/27/2037 12/20/2038
	PF170249-EP-EPA	Europe	EPA	5/04/2018	18305563.1			5/04/2038

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	PF170249-WO-PCT	International	PCT	4/25/2019	PCT/EP2016/060555		
PF180030	PF180030-EP-EPA	Europe	EPA	3/13/2018	18305265.3		3/13/2038
	PF180030-WO-PCT	International	PCT	3/08/2019	PCT/EP2019/055905		9/13/2020
PF180104	PF180104-EP-EPA	Europe	EPA	7/02/2018	18305846		7/02/2038
	2018P00114WO	International	PCT	05/28/2019	PCT/EP2019/063739		
PF180105	PF180105-EP-EPA	Europe	EPA	6/29/2018	18305834.6		6/29/2038
	2018P00115WO	International	PCT	05/28/2019	PCT/EP2019/063802		
TPF180194	TIF180194/TPF180194	Europe	EPA	12/21/2018	EP1821521.4		12/21/2038
TF180207	TIF180207	Europe	EPA	"not yet filed - currently being drafted."			unknown
TPF180086	TPF180086	Europe	EPA	12/21/2018	18215221.5		12/21/2038
TPF180087	TPF180087	Europe	EPA	12/18/2018	EP1821358.4.8		12/18/2038
PF180020	IF170223 / PF180020-EP-EPA	Europe	EPA	10/01/2018	EP1819800.1.2		10/01/2038
	2018P00025WO	International	PCT	10/01/2019	PCT/EP19/076608		
PF170223	IF170180/PF170223-EP-EPA	Europe	EPA	3/13/2018	18305263.8		3/13/2038
PF180098	"IF170180/PF170223-WO-PCT"	International	PCT	3/07/2019	PCT/EP2019/055679		9/13/2020
	"IF170225 / PF180098-EP-EPA"	Europe	EPA	10/01/2018	EP1819805.3.3		10/01/2038

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PF180021	2018P00110WO IF170257 / PF180021 - EP- EPA	International Europe	PCT EPA	10/01/2019 10/01/2018	PCT/EP19/ 076619 EP1819805 2.5	10/01/2038
PF180024	2018P00026WO "IF170394 / PF180024 - EP- EPA"	International Europe	PCT EPA	10/01/2019 12/18/2018	PCT/EP19/ 076596 EP1821357 9.8	12/18/2038
PF180102	IF170455 / PF180102 - EP- EPA	Europe	EPA	12/18/2018	EP1821359 6.2	12/18/1938
TIF190220	TIF190220			"Not yet filed - Pending Invention Disclosure"		unknown