

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT7961265

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ERRONEOUS APPLICATION NUMBER 17/795,475 previously recorded on Reel 062308 Frame 0215. Assignor(s) hereby confirms the ASSIGNOR: IDAC HOLDINGS, INC. TO ASSIGNEE: INTERDIGITAL PATENT HOLDINGS, INC..
RESUBMIT DOCUMENT ID:	507742249
CONVEYING PARTY DATA	
Name	Execution Date
IDAC HOLDINGS, INC.	12/16/2022
RECEIVING PARTY DATA	
Name:	INTERDIGITAL PATENT HOLDINGS, INC.
Street Address:	200 BELLEVUE PARKWAY, SUITE 300
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17795474
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>	
Email:	docketing@interdigital.com
Correspondent Name:	PATENT DOCKETING
Address Line 1:	200 BELLEVUE PARKWAY
Address Line 2:	SUITE 300
Address Line 4:	WILMINGTON, DELAWARE 19809
ATTORNEY DOCKET NUMBER:	2020P00014WOUS
NAME OF SUBMITTER:	GWEN L. BREDOW
SIGNATURE:	/Gwen L. Bredow/
DATE SIGNED:	05/18/2023
Total Attachments: 121	
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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Postal Code:	19809
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Property Type	Number
Application Number:	63305941
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Application Number:	17558428
Application Number:	17073146
Application Number:	17484946
Application Number:	17113703
Application Number:	17847906

CORRESPONDENCE DATA

Fax Number:

Email: docketing@interdigital.com

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Correspondent Name: PATENT DOCKETING
Address Line 1: 200 BELLEVUE PARKWAY
Address Line 2: SUITE 300
Address Line 4: WILMINGTON, DELAWARE 19809

NAME OF SUBMITTER:	GWEN L. BREDOW
Signature:	/Gwen L. Bredow/

01/05/2023

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5/7

6/7

Receipt Date:

01/05/2023

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[| .HOME |](#) [INDEX|](#) [SEARCH |](#) [eBUSINESS |](#) [CONTACT US |](#) [PRIVACY STATEMENT](#)

CONFIRMATORY PATENT ASSIGNMENT

This CONFIRMATORY PATENT ASSIGNMENT, effective as of November 3, 2022 is made by and between **IDAC Holdings, Inc.** by its successor **InterDigital Patent Holdings, Inc.**, a Delaware corporation having a place of business at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809 (hereinafter “Assignor”), and **InterDigital Patent Holdings, Inc.**, a Delaware corporation having a place of business at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809 (hereinafter “Assignee”).

WHEREAS:

Assignor previously executed a Patent Assignment, dated November 3, 2022 (“Patent Assignment”) with respect to certain United States and/or foreign patents and/or patent applications listed in Exhibit A attached hereto (hereinafter “Patents”);

Assignee previously acquired the entire right, title and interest in, to and under the Patents as a result of said Patent Assignment; and

Assignor and Assignee are desirous of memorializing and confirming the prior transfer of the Patents.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound hereby, Assignor hereby confirms that as of November 3, 2022 Assignor intended to and previously has sold, assigned, transferred, and conveyed to Assignee the entire right, title, and interest in and to any and all of the following:

- (i) the Patents, including any and all inventions, invention disclosures, improvements and discoveries disclosed or claimed therein (hereinafter “Inventions”), for the United States, its possessions and territories and all foreign countries, regions and territories;
- (ii) the rights of priority created by the Patents under any treaty relating thereto, including the rights to apply for patents and patent applications covering the Inventions in any and all countries, regions and territories;
- (iii) any and all patents and patent applications, certificates of invention, utility models and any other grants by any governmental entity for the protection of inventions resulting from the Patents, in any and all countries, regions and territories, including any and all patents and patent applications disclosing the Inventions and any patents issuing from such applications, including provisionals, non-provisionals, divisionals, continuations, continuations-in-part, reissues, extensions, renewals, substitutions and re-examinations of the Patents; and
- (iv) all past, present and future causes of action and enforcement rights, whether currently pending, filed or otherwise, in connection with the Patents, the patents and patent applications resulting from the Patents and the Inventions, including without limitation, all rights to sue for any past, present or future infringement thereof, including the rights to license and to collect and receive any damages, royalties, injunctive relief, and/or any other settlements or remedies for such infringements, and including any provisional rights having arisen from any publication of any of the Patents or any patent application resulting therefrom,

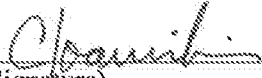
the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor, if this Confirmatory Assignment had not been made.

IDAC Holdings, Inc. to InterDigital Patent Holdings, Inc.

AND, this Confirmatory Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Confirmatory Assignment.

IN WITNESS WHEREOF, Assignor and Assignee, by and through their respective authorized representative, have executed this instrument on the date indicated below.

SIGNED for and on behalf of **IDAC Holdings, Inc.** by its successor **InterDigital Patent Holdings, Inc.**

By  16 DECEMBER 2022
(Signature) (Date)
Christos A. Ioannidi
Senior Patent Executive

SIGNED for and on behalf of **InterDigital Patent Holdings, Inc.**

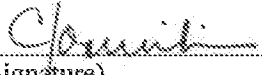
By  16 DECEMBER 2022
(Signature) (Date)
Christos A. Ioannidi
Senior Patent Executive

EXHIBIT A

Country Code	Application Number	Patent or Publication No.	Filing Date
AU	2012242620		2012-Apr-13
CN	201280017729.9	CN103563450A	2012-Apr-13
EP	12717540.4	2698009	2012-Apr-13
ID	W00201304690	2014/03729	2012-Apr-13
JP	2014-505347	2014-512145	2012-Apr-13
KR	10-2013-7029999	10-2014-0024381	2012-Apr-13
TW	101113182	I586186	2012-Apr-13
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TW	102130824	I611708	2013-Aug-28
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TW	102130827	201424319	2013-Aug-28
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CN	201380062557.1	ZL201380062557.1	2013-Nov-27
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Country Code	Application Number	Patent or Publication No.	Filing Date
JP	2017-134140	2017-204873	2013-Nov-27
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KR	10-2015-7017439	10-2015-0091370	2013-Nov-27
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CN	201480007589.6	CN104995885A	2014-Feb-04
EP	14705264.1	2954650	2014-Feb-04
JP	2015-557005	6122154	2014-Feb-04
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Country Code	Application Number	Patent or Publication No.	Filing Date
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KR	10-2015-7032660	1748066	2014-Apr-15
TW	103113632	201507524	2014-Apr-15
US	61/812,202		2013-Apr-15
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EP	14759377.6	3039836	2014-Aug-15
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US	61/918,448		2013-Dec-19
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EP	19155925.1	3506678	2014-Oct-30
EP	20191756.4	3761707	2014-Oct-30
EP	14799934.6	3063988	2014-Oct-30
JP	2018-141283	6646113	2014-Oct-30
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JP	2021-063045	7140871	2014-Oct-30
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US	61/897,771		2013-Oct-30
US	15/892,964	10,104,591	2014-Oct-30
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US	17/847,906	2022-0330123-A1	2014-Oct-30
US	15/033,313	9,930,597	2014-Oct-30
WO	PCT/US14/63259	WO-2015-069551-A1	2014-Oct-30
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EP	21171535.4	3879743	2014-Dec-11
EP	14827910.2	3085002	2014-Dec-11
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US	16/259,428	2019/0158263	2014-Dec-11
US	17/113703	2021/0091918	2014-Dec-11
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US	16/145,545	US2019/0037459	2014-Dec-05
US	15/102,247	10,129,802	2014-Dec-05
WO	PCT/US14/68953	WO2015/085273	2014-Dec-05
US	61/925,870		2014-Jan-10
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US	15/110,659	9,930,558	2015-Jan-13
WO	PCT/US15/11113	WO2015/106237	2015-Jan-13
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US	15/111,867	10,512,008	2015-Jan-16
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EP	15719058.8	3130189	2015-Apr-09
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EP	15760595.7	EP3186945	2015-Aug-28
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US	14/875,459	10,305,651	2015-Oct-05
US	62/082,465		2014-Nov-20
US	62/049,661		2014-Sep-12
CN	202210943251.8		2015-Nov-25
CN	201580074377.4	ZL201580074377.4	2015-Nov-25
EP	21170751.8	38798881	2015-Nov-25
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US	17/799,107		2021-Feb-12
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ID	P00202209438		2021-Feb-15
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VN	1-2022-05451		2021-Feb-15
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EP	21709858.1	4104335	2021-Feb-11
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VN	1-2022-05599		2021-Feb-11
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CN	202180023799.4		2021-Mar-06
EP	21714596.0		2021-Mar-06
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KR	10-2022-7034730	10-2022-0150383	2021-Mar-06
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EP	21721698.5		2021-Apr-02
ID	P00202212185		2021-Apr-02
IN	202217056855		2021-Apr-02
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CN	PCT/US2021/026352		2021-Apr-08
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BR	BR 11 2022 020362 4		2021-Apr-07
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TW	110112509	202205901	2021-Apr-07
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CN	PCT/US2021/026826		2021-Apr-12
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CN	PCT/US2021/033165		2021-May-19
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