

PATENT ASSIGNMENT COVER SHEET

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Assignment ID: PATI907580

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZTE Corporation	01/17/2025
RECEIVING PARTY DATA	
Company Name:	DRNC Holdings, Inc.
Street Address:	200 Bellevue Parkway
Internal Address:	Suite 300
City:	Wilmington
State/Country:	DELAWARE
Postal Code:	19809
PROPERTY NUMBERS Total: 15	
Property Type	Number
Application Number:	18288961
Application Number:	18571794
Application Number:	18026240
Patent Number:	12197252
Patent Number:	11343361
Patent Number:	10609649
Patent Number:	10311291
Patent Number:	9977621
Patent Number:	9910541
Patent Number:	9977907
Patent Number:	9455952
Patent Number:	9569026
Patent Number:	9609597
Patent Number:	9142898
Patent Number:	8923834
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: 3022813600
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

NAME OF SUBMITTER:	Gwen Bredow
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SIGNATURE:	/Gwen Bredow/
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DATE SIGNED:	03/24/2025
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Total Attachments: 6

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CONFIRMATORY PATENT ASSIGNMENT

This CONFIRMATORY PATENT ASSIGNMENT, effective as of January 17, 2025, is made by and between **ZTE Corporation**, a China corporation, having a mailing address of ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, Nanshan District, Shenzhen, P.R. China (hereinafter "Assignor"), and **DRNC Holdings, Inc.**, a Delaware corporation having a mailing address at 200 Bellevue Parkway, Suite 300, Wilmington, Delaware 19809 (hereinafter "Assignee").

WHEREAS:

Assignor previously executed a Patent Assignment ("Patent Assignment") with respect to certain 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 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.



Patent Assignment: ZTE Corporation and DRNC 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 **ZTE CORPORATION**

By

(Signature)

(Date)

Tong Xin
(Print Name)

Deputy Director of IP Department
(Print Title)

SIGNED for and on behalf of **DRNC Holdings, Inc.**

By

(Signature)

(Date)

Andrew W. Spicer
(Print Name)

Senior Patent Executive
(Print Title)

EXHIBIT A

Country	Application No.	Patent or Publication No.	Filing Date
CN	CN201010174789A	CN101835123A	11-May-2010
DE		EP2536174B1	24-Nov-2010
EP	EP10851303	EP2536174B1	24-Nov-2010
US	13/581,623	US8923834B2	29-Aug-2012
WO	PCT/CN2010/079091	WO2011140799A1	24-Nov-2010
CN	CN201110043533A	CN102185233	22-Feb-2011
DE		EP2680376B1	28-Jul-2011
EP	EP11859174	EP2680376B1	28-Jul-2011
FR		EP2680376B1	28-Jul-2011
GB		EP2680376B1	28-Jul-2011
US	14/000,716	US9142898B2	16-SEP-2013
WO	PCT/CN2011/077733	WO2012113203A1	28-Jul-2011
CN	CN201210204613A	CN102750034A	20-Jun-2012
DE		EP2851765B1	24-May-2013
EP	EP13806425	EP2851765B1	24-May-2013
FR		EP2851765B1	24-May-2013
GB		EP2851765B1	24-May-2013
US	14/409,901	US9569026B2	19-Dec-2014
WO	PCT/CN2013/076190	WO2013189227A1	24-May-2013
CN	CN201210519812A	CN103856622A	6-Dec-2012
DE		EP2930915B1	27-Jun-2013
EP	EP13799937	EP2930915B1	27-Jun-2013
FR		EP2930915B1	27-Jun-2013
GB		EP2930915B1	27-Jun-2013
IT		EP2930915B1	27-Jun-2013
US	14/761,949	US9455952B2	20-Jul-2015

Patent Assignment: ZTE Corporation and DRNC Holdings, Inc.

Country	Application No.	Patent or Publication No.	Filing Date
WO	PCT/CN2013/078171	WO2013182100A1	27-Jun-2013
CN	CN201310117667A	CN104102858B	7-Apr-2013
DE		EP2985712B1	28-Aug-2013
EP	13881740	EP2985712B1	28-Aug-2013
FR		EP2985712B1	28-Aug-2013
GB		EP2985712B1	28-Aug-2013
JP	JP2016505678A	JP2016515778A	28-Aug-2013
US	14/781,252	US9977907B2	29-Sep-2015
WO	PCT/CN2013/082466	WO2014166193A1	28-Aug-2013
CN	CN201310364304A	CN104423656A	20-Aug-2013
DE		EP2980679B1	18-Sep-2013
EP	13882411	EP2980679B1	18-Sep-2013
FR		EP2980679B1	18-Sep-2013
GB		EP2980679B1	18-Sep-2013
IN	IN6750CHENP2015	IN461785	29-Oct-2015
KR	KR20157036613A	KR20160042824A	18-Sep-2013
US	14/890,195	9910541	10-Nov-2015
WO	PCT/CN2013/083806	WO2014169567A1	18-Sep-2013
CN	CN201310585624A	CN104657043A	19-Nov-2013
EP	EP14798371A	EP3073360B1	29-May-2014
FR		EP3073360B1	29-May-2014
GB		EP3073360B1	29-May-2014
IN	IN201627019552	IN201627019552	7-Jun-2016
US	15/037,403	US9977621B2	18-May-2016
WO	PCT/CN2014/078786	WO2014183711A1	29-May-2014
CN	201410483249	CN105488371A	19-Sep-2014
EP	EP15758230A	EP3196801B1	23-Jan-2015

Patent Assignment: ZTE Corporation and DRNC Holdings, Inc.

Country	Application No.	Patent or Publication No.	Filing Date
FR		EP3196801B1	23-Jan-2015
US	15/512,453	US10311291B2	17-Mar-2017
WO	PCT/CN2015/071507	WO2015131712A1	23-Jan-2015
CN	CN201610343406	CN107426800A	23-May-2016
DE		EP3468260B1	22-Sep-2016
EP	EP16902916A	EP3468260B1	22-Sep-2016
FR		EP3468260B1	22-Sep-2016
GB		EP3468260B1	22-Sep-2016
US	16/303,951	US10609649B2	17-Dec-2018
WO	PCT/CN2016/099754	WO2017201931A1	22-Sep-2016
CN	CN201810135896A	CN108259649A	9-Feb-2018
US	16/968,567	US11343361B2	8-Aug-2020
WO	PCT/CN2018/115196	WO2019153818A1	13-Nov-2018
CN	CN202010538106A	CN113803575A	12-Jun-2020
EP	EP21822518A	EP4130539A1	27-May-2021
IN	IN202227071687	IN518136	27-May-2021
JP	JP2022574830A	JP07432014B2	27-May-2021
US	17/923,400	US20230194043A1	7-Nov-2022
WO	PCT/CN2021/096265	WO2021249195A1	27-May-2021
CN	CN202010960485A	CN114189862A	14-Sep-2020
EP	EP21865721A	EP4213520A1	2-Aug-2021
JP	JP2023516195A	JP2023542099A	2-Aug-2021
US	18/026,240	US20230370262A1	14-Mar-2023
WO	PCT/CN2021/110126	WO2022052665A1	2-Aug-2021
CN	CN202110850722A	CN115696639A	27-Jul-2021
EP	EP22848131A	EP4380296A1	23-Jun-2022
JP	JP2023534071A	JP2023552769A	23-Jun-2022

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Country	Application No.	Patent or Publication No.	Filing Date
US	18/571,794	US20240362613A1	19-Dec-2023
WO	PCT/CN2022/100722	WO2023005524	23-Jun-2022
CN	CN202110645969A	CN115460312A	9-Jun-2021
EP	EP22819198A	EP4354838A1	13-Apr-2022
JP	JP2023574825A	JP2024523190A	13-Apr-2022
US	18/288,961	US20240205321A1	30-Oct-2023
WO	PCT/CN2022/086695	WO2022257595A1	13-Apr-2022
CN	201210492793	CN102984662	28-Nov-2012
DE		EP2914024B1	20-Aug-2013
EP	EP13807245A	EP2914024B1	20-Aug-2013
FR		EP2914024B1	20-Aug-2013
US	14/647,216	US9642115B2	20-Aug-2013
WO	PCT/CN2013/081880	WO2013189385A1	20-Aug-2013