

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7961989

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IDHL HOLDINGS, INC.	11/04/2022
RECEIVING PARTY DATA	
Name:	DRNC HOLDINGS, INC.
Street Address:	200 BELLEVUE PARKWAY, SUITE 300
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809
PROPERTY NUMBERS Total: 6	
Property Type	Number
Patent Number:	D528510
Patent Number:	D586331
Patent Number:	D658196
Patent Number:	D589521
Patent Number:	D620925
Patent Number:	D734743
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:	portfolio.ops@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:	ANDREW W. SPICER, REG. NO. 57,420
SIGNATURE:	/ANDREW W. SPICER/
DATE SIGNED:	05/18/2023
Total Attachments: 19	

source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page1.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page2.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page3.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page4.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page5.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page6.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page7.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page8.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page9.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page10.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page11.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page12.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page13.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page14.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page15.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page16.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page17.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page18.tif
source=2022_11_11 - Patent Assignment (IDHL-7HW-IWI-IHI-DRNC).docx#page19.tif

PATENT ASSIGNMENT

In order to effectuate the transfer of certain patents and patent applications identified on Schedule A attached hereto ("Patents") to DRNC HOLDINGS, INC., a Delaware corporation having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809 ("DRNC"), IDHL HOLDINGS, INC., a Delaware corporation having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809 ("IDHL"), 7HWORLD, INC. (f/k/a 6GWorld, Inc.; f/k/a IDHL Holdings Parent, Inc.; f/k/a Hillcrest Laboratories, Inc.), a Delaware corporation having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809 ("7HWORLD"), INTERDIGITAL WIRELESS, INC. (f/k/a InterDigital, Inc.), a Delaware corporation having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809 ("IWI"), INTERDIGITAL HOLDINGS, INC., a Delaware corporation having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809 ("IHI"), and DRNC, (collectively the "Parties") agree that, as of the date last signed hereto (the "Effective Date"):

- 1.1 Subject to the limitations of paragraphs 1.2 and 1.3 below, IDHL does hereby assign and transfer unto 7HWORLD, and its successors, assigns and legal representatives, IDHL's entire right, title and interest in and to the Patents, including any and all inventions, invention disclosures, improvements and discoveries disclosed or claimed therein ("Inventions"), for the United States, its possessions and territories and all foreign countries, regions and territories; 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; 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 all past, present and future causes of action and enforcement rights, whether currently pending, filed or otherwise and whether arising prior to, on or subsequent to the Effective Date, 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 (collectively, the "Transferred Asset(s)").

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

- 1.2 7HWORLD agrees that the Transferred Assets shall remain subject to all rights that, prior to or as of the Effective Date have been or are required to be granted to any third party, including but not limited to, obligations and commitments made to standards setting or development organizations or industry consortia, and any and all releases, licenses, waivers of any rights of enforcement (including, but not limited to covenants not to sue, covenants not to assert, standstill agreements, disincentives to sue), rights to sell or otherwise divest some or all of the Transferred Assets, or any other similar rights, whether express or implied, under any of the Transferred Assets (collectively, "Existing Third Party Rights") based on any obligation or agreement existing prior to or as of the Effective Date. 7HWORLD further agrees that when an Existing Third Party Right requires IDHL or its affiliates to obtain agreement of, or assurances from, an assignee of a Transferred Asset that the Transferred Asset is subject to the Existing Third Party Rights, 7HWORLD hereby so agrees and assures and agrees to provide such written assurances or undertakings with respect to the Transferred Assets.
- 1.3 IDHL retains the sole right to receive and retain any and all royalties, payments and other consideration under such Existing Third Party Rights set forth in paragraph 1.2.
- 1.4 IDHL agrees that, when requested, IDHL will reasonably cooperate to execute and deliver all patent applications, assignments, oaths, and any other papers and do all acts which may be necessary, desirable or convenient for securing and maintaining the Transferred Assets and for vesting title thereto in 7HWORLD, its successors, and assigns and legal representatives or nominees.
- 2.1 Subject to the limitations of paragraph 2.2 and 2.3 below, 7HWORLD does hereby assign and transfer unto IWI and its successors, assigns and legal representatives, 7HWORLD's entire right, title and interest in the Transferred Assets.
- 2.2 IWI agrees that the Transferred Assets shall remain subject to all Existing Third Party Rights based on any obligation or agreement existing prior to or as of the Effective Date. IWI further agrees that when an Existing Third Party Right requires 7HWORLD or its affiliates to obtain agreement of, or assurances from, an assignee of a Transferred Asset that the Transferred Asset is subject to the Existing Third Party Rights, IWI hereby so agrees and assures and agrees to provide such written assurances or undertakings with respect to the Transferred Assets.
- 2.3 7HWORLD further agrees that 7HWORLD shall have no right under this Patent Assignment to receive or retain any royalties, payments and/or other consideration under such Existing Third Party Rights.

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

- 2.4 7HWORLD agrees that, when requested, 7HWORLD will reasonably cooperate to execute and deliver all patent applications, assignments, oaths, and any other papers and do all acts which may be necessary, desirable or convenient for securing and maintaining the Transferred Assets and for vesting title thereto in IWI, its successors, and assigns and legal representatives or nominees.
- 3.1 Subject to the limitations of paragraph 3.2 and 3.3 below, IWI does hereby assign and transfer unto IHI and its successors, assigns and legal representatives, IWI's entire right, title and interest in the Transferred Assets.
- 3.2 IHI agrees that the Transferred Assets shall remain subject to all Existing Third Party Rights based on any obligation or agreement existing prior to or as of the Effective Date. IHI further agrees that when an Existing Third Party Right requires IWI or its affiliates to obtain agreement of, or assurances from, an assignee of a Transferred Asset that the Transferred Asset is subject to the Existing Third Party Rights, IHI hereby so agrees and assures and agrees to provide such written assurances or undertakings with respect to the Transferred Assets.
- 3.3 IHI further agrees that IHI shall have no right under this Patent Assignment to receive or retain any royalties, payments and/or other consideration under such Existing Third Party Rights.
- 3.4 IWI agrees that, when requested, IWI will reasonably cooperate to execute and deliver all patent applications, assignments, oaths, and any other papers and do all acts which may be necessary, desirable or convenient for securing and maintaining the Transferred Assets and for vesting title thereto in IHI, its successors, and assigns and legal representatives or nominees.
- 4.1 Subject to the limitations of paragraph 3.2 and 3.3 below, IHI does hereby assign and transfer unto DRNC and its successors, assigns and legal representatives, IHI's entire right, title and interest in the Transferred Assets.
- 4.2 DRNC agrees that the Transferred Assets shall remain subject to all Existing Third Party Rights based on any obligation or agreement existing prior to or as of the Effective Date. DRNC further agrees that when an Existing Third Party Right requires IHI or its affiliates to obtain agreement of, or assurances from, an assignee of a Transferred Asset that the Transferred Asset is subject to the Existing Third Party Rights, DRNC hereby so agrees and assures and agrees to provide such written assurances or undertakings with respect to the Transferred Assets.

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

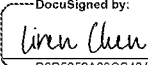
- 4.3 DRNC further agrees that DRNC shall have no right under this Patent Assignment to receive or retain any royalties, payments and/or other consideration under such Existing Third Party Rights.
- 4.4 IHI agrees that, when requested, IHI will reasonably cooperate to execute and deliver all patent applications, assignments, oaths, and any other papers and do all acts which may be necessary, desirable or convenient for securing and maintaining the Transferred Assets and for vesting title thereto in DRNC, its successors, and assigns and legal representatives or nominees.

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

IN WITNESS WHEREOF, the Parties have executed this Patent Assignment as of the Effective Date.

ASSIGNOR:

IDHL Holdings, Inc.

By: 

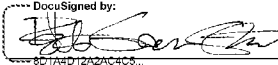
Liren Chen

Title: President and CEO

Date: 04 November 2022

ASSIGNEE:

7HWORLD, Inc.

By: 

Robert S. Stien

Title: President

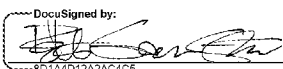
Date: 11 November 2022

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

IN WITNESS WHEREOF, the Parties have executed this Patent Assignment as of the Effective Date.

ASSIGNOR:

7HWorld, Inc.

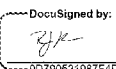
By: 
Robert S. Stien

Title: President

Date: 11 November 2022

ASSIGNEE:

InterDigital Wireless, Inc.

By: 
Richard J. Brezski

Title: President

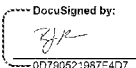
Date: 11 November 2022

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

IN WITNESS WHEREOF, the Parties have executed this Patent Assignment as of the Effective Date.

ASSIGNOR:

InterDigital Wireless, Inc.

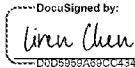
By: _____
Richard J. Brezski

Title: President

Date: 11 November 2022 _____

ASSIGNEE:

InterDigital Holdings, Inc.

By: _____
Liren Chen

Title: President and CEO

Date: 04 November 2022 _____

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

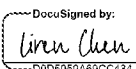
IN WITNESS WHEREOF, the Parties have executed this Patent Assignment as of the Effective Date.

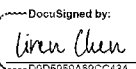
ASSIGNOR:

ASSIGNEE:

InterDigital Holdings, Inc.

DRNC Holdings, Inc.

By: 
Liren Chen

By: 
Liren Chen

Title: President and CEO

Title: President and CEO

Date: 04 November 2022

Date: 04 November 2022

*Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.***Schedule A**

Country Code	Application Number	Publication or Grant No.	Filing Date
CN	2008101811003	ZL2008101811003	7-May-2004
CN	2004800124776	ZL2004800124776	7-May-2004
EP	130055510	2704032	7-May-2004
EP	047609540	1620785	7-May-2004
IN	9300DELNP2008	9300DELNP2008	7-May-2004
IN	4829DELNP2005	IN233754	7-May-2004
JP	2009124732	JP2009266238	7-May-2004
JP	2011237899	JP2012069138	7-May-2004
JP	2006532896	JP2007516496	7-May-2004
KR	1020077029462	100994011	7-May-2004
KR	1020107014717	KR1020100086511	7-May-2004
KR	1020057021119	100817394	7-May-2004
US	60468830		8-May-2003
US	10768432	US20040268393	30-Jan-2004
US	10768234	8555165	30-Jan-2004
US	10768422	8046705	30-Jan-2004
US	10768460	8601396	30-Jan-2004
US	11029329	7834849	30-Jan-2004
US	14089030	US20140129956A1	30-Jan-2004
US	15849114	US20180113589	30-Jan-2004
WO	PCTUS04014487	WO2004102285	7-May-2004
US	60495998		18-Aug-2003
CN	200910215510X	ZL200910215510X	18-Jan-2005
CN	2005800026496	ZL2005800026496	18-Jan-2005
EP	100118322	EP2317449	18-Jan-2005
EP	057057606	EP1745430	18-Jan-2005
IN	7453DELNP2013	7453DELNP2013	18-Jan-2005
IN	4024DELNP2006	4024DELNP2006	18-Jan-2005
JP	201232541	5677993	18-Jan-2005
JP	2006549648	4981454	18-Jan-2005
KR	1020117018065	101167827	18-Jan-2005
KR	1020067014292	KR101141393	18-Jan-2005
US	60536937		16-Jan-2004
US	11037897	7493341	18-Jan-2005
US	12371687	8161082	18-Jan-2005
US	13436954	8412748	18-Jan-2005
US	13847114	9043369	18-Jan-2005

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

Country Code	Application Number	Publication or Grant No.	Filing Date
US	14626200	9239859	18-Jan-2005
US	14973091	9503769	18-Jan-2005
US	15338715	US20170048571A1	18-Jan-2005
WO	PCTUS0501323	WO2005072157	18-Jan-2005
US	60513869		23-Oct-2003
CN	2004800313975	CN1942924	25-Oct-2004
EP	047963608	EP1678585	25-Oct-2004
IN	2756DELNP2006	2756DELNP2006	25-Oct-2004
JP	2006536917	JP2007509448	25-Oct-2004
KR	1020067007774	KR1020060118448	25-Oct-2004
US	60566444		30-Apr-2004
US	10970811	7489299	21-Oct-2004
WO	PCTUS04035369	WO2005040991	25-Oct-2004
DE	EP057578551	EP1745458	2-May-2005
EP	EP100118330	EP2343699	2-May-2005
EP	EP057578551	EP1745458	2-May-2005
GB	EP057578551	EP1745458	2-May-2005
JP	2007510993	4685095	2-May-2005
NL	EP057578551	EP1745458	2-May-2005
US	60612571		23-Sep-2004
US	11119688	7236156	2-May-2005
US	11820515	8994657	2-May-2005
US	11821018	US20080158155	2-May-2005
US	14641924	US20150241996A1	2-May-2005
WO	PCTUS05014702	WO2005109847	2-May-2005
DE	EP100113166	6020050562001	2-May-2005
EP	EP100113166	2273484	2-May-2005
EP	EP057610479	EP1743322	2-May-2005
FR	EP100113166	2273484	2-May-2005
GB	EP100113166	2273484	2-May-2005
JP	2007511065	JP2007535774	2-May-2005
NL	EP100113166	2273484	2-May-2005
US	60641383		5-Jan-2005
US	11119987	7535456	2-May-2005
US	12362742	8237657	2-May-2005
WO	PCTUS05015068	WO2005109215	2-May-2005
BE	EP057440893	EP1741088	2-May-2005
CH	EP057440893	EP1741088	2-May-2005
CN	2008100950475	ZL2008100950475	2-May-2005
CN	2005800211637	ZL2005800211637	2-May-2005

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

Country Code	Application Number	Publication or Grant No.	Filing Date
CZ	CZ2005744089	EP1741088	2-May-2005
DE	EP100149111	6020050533745	2-May-2005
DE	EP057440893	DE6020050332650	2-May-2005
DE	DE2020120050974	DE2020050220388	2-May-2005
DK	EP100149111	2337016	2-May-2005
EP	EP100149111	2337016	2-May-2005
EP	181507260	3367218	2-May-2005
EP	EP057440893	EP1741088	2-May-2005
ES	EP100149111	2337016	2-May-2005
ES	EP057440893	EP1741088	2-May-2005
FI	EP100149111	2337016	2-May-2005
FI	EP057440893	EP1741088	2-May-2005
FR	EP100149111	2337016	2-May-2005
FR	EP057440893	EP1741088	2-May-2005
GB	EP100149111	2337016	2-May-2005
GB	EP057440893	EP1741088	2-May-2005
IE	EP100149111	2337016	2-May-2005
IE	EP057440893	EP1741088	2-May-2005
IN	9404DELNP2014		2-May-2005
IN	6379DELNP2006	308694	2-May-2005
IT	EP100149111	2337016	2-May-2005
IT	EP057440893	EP1741088	2-May-2005
JP	2012126909	5670384	2-May-2005
JP	2014216431	6026483	2-May-2005
JP	2007511071	5053078	2-May-2005
KR	1020107016483	101192514	2-May-2005
KR	1020067025233	KR1020070017400	2-May-2005
NL	EP100149111	2337016	2-May-2005
NL	EP057440893	EP1741088	2-May-2005
PL	EP100149111	2337016	2-May-2005
PL	EP057440893	EP1741088	2-May-2005
SE	EP100149111	2337016	2-May-2005
SE	EP057440893	EP1741088	2-May-2005
TR	EP057440893	TR201206789	2-May-2005
US	60641410		5-Jan-2005
US	11119719	7158118	2-May-2005
US	11640677	7262760	2-May-2005
US	11820517	7414611	2-May-2005
US	12188595	8072424	2-May-2005
US	13304854	8629836	2-May-2005

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

Country Code	Application Number	Publication or Grant No.	Filing Date
US	95002036		13-Jul-2012
US	14090050	8937594	2-May-2005
US	14563314	9298282	2-May-2005
US	15015745	9946356	2-May-2005
US	15614343		2-May-2005
US	15898717		2-May-2005
US	15898763		2-May-2005
US	15898799		2-May-2005
US	15898840		2-May-2005
US	15898887		2-May-2005
US	15898924		2-May-2005
US	15941034	10782792	2-May-2005
WO	PCTUS05015096	WO2005108119	2-May-2005
CN	2011103697362	ZL2011103697362	2-May-2005
CN	2005800211622	ZL2005800211622	2-May-2005
EP	057607111	EP1759529	2-May-2005
IN	202018000186	072020	2-May-2005
IN	6377DELNP2006	340216	2-May-2005
JP	2011133123	5363533	2-May-2005
JP	2007511062	JP2007535773	2-May-2005
KR	1020097023531	100985364	2-May-2005
KR	1020067025226	100937572	2-May-2005
TW	TW94114102	I376520	2-May-2005
US	60641405		5-Jan-2005
US	11119663	7239301	2-May-2005
US	11820525	9261978	2-May-2005
US	11820510	7489298	2-May-2005
US	13709600	8766917	2-May-2005
US	15041348	9575570	2-May-2005
US	15398873	10514776	2-May-2005
US	16040758		2-May-2005
US	16040920		2-May-2005
US	16040883		2-May-2005
US	16688448	11157091	2-May-2005
WO	PCTUS05015051	WO2005109879	2-May-2005
US	60546750		23-Feb-2004
US	11063630	US20050195159	23-Feb-2005
US	13079255	9063580	23-Feb-2005
US	14716935	US20150253987	23-Feb-2005
WO	PCTUS05005377	WO2005081894	23-Feb-2005

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

Country Code	Application Number	Publication or Grant No.	Filing Date
US	60546847		23-Feb-2004
EP	EP047609557	EP1625566	7-May-2004
US	60468672		7-May-2003
US	10840001	US20050044509	6-May-2004
WO	PCTUS04014488	WO2004102522	7-May-2004
CN	2005800081099	ZL2005800081099	23-Feb-2005
EP	EP57138489	EP1725927	23-Feb-2005
IN	4852DELNP2006	4852DELNP2006	23-Feb-2005
JP	2006554262	JP2007525757	23-Feb-2005
KR	1020067019387	KR1020070029678	23-Feb-2005
US	60546859		23-Feb-2004
US	11064310	7260789	23-Feb-2005
US	11893512	US20070288870	23-Feb-2005
US	14173116	9304651	23-Feb-2005
US	15060697	US20160188157	23-Feb-2005
WO	PCTUS05005376	WO2005081893	23-Feb-2005
CN	200580009794	CN101073258	23-Feb-2005
EP	EP057138497	EP1790161	23-Feb-2005
IN	4851DELNP2006	4851DELNP2006	23-Feb-2005
JP	2006554263	JP2007527668	23-Feb-2005
KR	1020067019585	KR1020070024496	23-Feb-2005
US	60546858		23-Feb-2004
US	11064307	US20050204391	23-Feb-2005
WO	PCTUS05005378	WO2005081895	23-Feb-2005
US	60546857		23-Feb-2004
US	60589466		20-Jul-2004
US	11185220	7484184	19-Jul-2005
WO	PCTUS0525554	WO2006014629	19-Jul-2005
US	60626590		10-Nov-2004
US	11271618	7478247	10-Nov-2005
WO	PCTUS2005040871	WO2006053183	10-Nov-2005
US	60629738		19-Nov-2004
US	11282310	US20060109242	18-Nov-2005
WO	PCTUS2005042146	WO2006055907	19-Nov-2005
US	60630408		23-Nov-2004
US	11286702	8137195	23-Nov-2005
US	13421132	8795079	23-Nov-2005
US	14218156	10159897	23-Nov-2005
US	16184610	11154776	23-Nov-2005
WO	PCTUS2005042558	WO2006058129	23-Nov-2005

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

Country Code	Application Number	Publication or Grant No.	Filing Date
CN	2006800015814	ZL2006800015814	5-Jan-2006
EP	EP067174581	EP1834491	5-Jan-2006
IN	4647DELNP2007		5-Jan-2006
JP	2007550447	JP2008527540	5-Jan-2006
KR	1020077015384	JP1020070093084	5-Jan-2006
US	60641406		5-Jan-2005
US	11325749	US20060176403	5-Jan-2006
US	11633325	8924889	5-Jan-2006
WO	PCTUS2006000257	WO2006074267	5-Jan-2006
WO	PCTUS2006046302	WO2007065019	5-Jan-2006
CN	2006800015829	ZL2006800015829	5-Jan-2006
EP	EP067174573	EP1834477	5-Jan-2006
IN	4720DELNP2007		5-Jan-2006
JP	2007550446	JP2008527539	5-Jan-2006
KR	1020077015385	101190462	5-Jan-2006
US	60641421		5-Jan-2005
US	11325768	7386806	5-Jan-2006
US	12134486	US20080235735	5-Jan-2006
WO	PCTUS0600256	WO2006074266	5-Jan-2006
CN	2006800061899	ZL2006800061899	14-Feb-2006
EP	EP067349886	EP1851955	14-Feb-2006
IN	6312DELNP2007		14-Feb-2006
JP	2007555331	JP2008536196	14-Feb-2006
KR	1020077020993	KR1020080003788	14-Feb-2006
US	60653229		14-Feb-2005
US	11354329	7839385	14-Feb-2006
US	12951669	8169405	14-Feb-2006
US	13448907	8432358	14-Feb-2006
US	13863023	9436359	14-Feb-2006
US	14974219		14-Feb-2006
WO	PCTUS2006005108	WO2006088831	14-Feb-2006
CN	2006800188508	ZL2006800188508	4-May-2006
EP	EP151598422	EP2902883	4-May-2006
EP	EP067589101	EP1880269	4-May-2006
IN	8455DELNP2007	323035	4-May-2006
JP	2012105986	5536140	4-May-2006
JP	2008510124	5553987	4-May-2006
KR	1020077028248	101307716	4-May-2006
US	60677516		4-May-2005
US	11417764	8935630	4-May-2006

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

Country Code	Application Number	Publication or Grant No.	Filing Date
US	14571842	US20150100923	4-May-2006
WO	PCTUS2006016780	WO2006119269	4-May-2006
US	60683963		24-May-2005
US	60682570		19-May-2005
US	11437215	US20060262116	19-May-2005
US	13437749		19-May-2005
WO	PCTUS2006019360	WO2006125133	19-May-2006
US	60683005		20-May-2005
US	60195955		10-Apr-2000
US	09746149	US20010030667	22-Dec-2000
US	09746368	US20020112237A1	22-Dec-2000
US	09747075	US20020054134A1	22-Dec-2000
US	09829263	7139983	22-Dec-2000
US	11432147	US20060218587	22-Dec-2000
US	11432161	7844987	22-Dec-2000
US	11981121	US20080060020	22-Dec-2000
US	11981224	US20080060011	22-Dec-2000
US	11981261	US20080082927	22-Dec-2000
US	11981122	US20080060009	22-Dec-2000
US	11981162	8046804	22-Dec-2000
US	13230268	9552128	22-Dec-2000
US	15391222	US20170111682A1	22-Dec-2000
WO	PCTUS2001008377	WO2001077907	15-Mar-2001
WO	PCTUS0108331	WO2001077906	15-Mar-2001
WO	PCTUS0108261	WO2001077905	15-Mar-2001
US	60965269		17-Aug-2007
US	12228912		18-Aug-2008
US	60737458		16-Nov-2005
US	11600950	US20070113207	16-Nov-2006
US	14256542	US20140285434	16-Nov-2006
EP	EP068448067	EP1966987	4-Dec-2006
US	60741596		2-Dec-2005
US	11633332	8850478	4-Dec-2006
US	14498000	US20150100985	4-Dec-2006
US	15487875	US20170223420	4-Dec-2006
WO	PCTUS2006046303	WO2007065020	4-Dec-2006
US	60755819		4-Jan-2006
US	60763620		31-Jan-2006
US	11700507	9411428	31-Jan-2007
WO	PCTUS2007002622	WO2007089831	31-Jan-2007

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

Country Code	Application Number	Publication or Grant No.	Filing Date
US	60879153		8-Jan-2007
US	60937596		28-Jun-2007
US	12163229	7860676	27-Jun-2008
US	12971791	8407022	27-Jun-2008
US	13780600	8683850	27-Jun-2008
US	14218009	9250716	27-Jun-2008
US	15000705		27-Jun-2008
US	61010347		8-Jan-2008
US	61045038		15-Apr-2008
US	12424090	US20090259432A1	15-Apr-2009
WO	PCTUS2009002386	WO2009145854	15-Apr-2009
US	61127049		9-May-2008
US	61075155		24-Jun-2008
CN	2018107142923	ZL2018107142923	1-Jul-2009
CN	2009801283202	ZL2009801283202	1-Jul-2009
EP	EP097744478	EP2297675	1-Jul-2009
IN	9344DELNP2010	351440	1-Jul-2009
JP	2011516853	5866199	1-Jul-2009
KR	1020147018229	101617562	1-Jul-2009
KR	1020117002668	KR1020110039318	1-Jul-2009
US	61077238		1-Jul-2008
US	16010145	10620726	1-Jul-2009
US	13000889	US20110227825	1-Jul-2009
WO	PCTUS2009049411	WO2010002997	1-Jul-2009
US	61079654		10-Jul-2008
US	61079494		10-Jul-2008
US	61143663		9-Jan-2009
US	13143898	9459783	6-Jan-2010
WO	PCTUS2010020204	WO2010080793	6-Jan-2010
US	61290343		28-Dec-2009
US	61290410		28-Dec-2009
US	13518058	US20120266069	28-Dec-2010
WO	PCTUS2010003253	WO2011090467	28-Dec-2010
US	61315618		19-Mar-2010
US	61290358		28-Dec-2009
US	12978956	8649999	27-Dec-2010
US	14176464	10859597	27-Dec-2010
US	61299628		29-Jan-2010
US	13575464	8922578	28-Jan-2011
WO	PCTUS2011022918	WO2011094537	28-Jan-2011

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

Country Code	Application Number	Publication or Grant No.	Filing Date
US	61292684		6-Jan-2010
US	15477380	US20170272807A1	6-Jan-2011
US	13518394	US20120271711	6-Jan-2011
WO	PCTUS2011000024	WO2011084890	6-Jan-2011
US	61304685		15-Feb-2010
US	61316244		22-Mar-2010
US	13053548	US20110231484	22-Mar-2011
US	61357573		23-Jun-2010
US	15066058	US20160191998	23-Jun-2011
US	15677560	US20180014069	23-Jun-2011
US	13703399	9307288	23-Jun-2011
WO	PCTUS2011041642	WO2011163481	23-Jun-2011
CN	2011800468868	ZL2011800468868	30-Sep-2011
EP	EP118299858	EP2621809	30-Sep-2011
KR	1020137011278	KR1020130143576	30-Sep-2011
US	61388865		1-Oct-2010
US	13824538	US20130185018	30-Sep-2011
WO	PCTUS11054275	WO2012044964	30-Sep-2011
US	61414560		17-Nov-2010
US	13885246	US20130245984	17-Nov-2011
WO	PCTUS2011061163	WO2012068359	17-Nov-2011
CN	2011800647891	ZL2011800647891	17-Nov-2011
EP	EP1184185081802	EP2641139	17-Nov-2011
KR	1020137015607	KR1020140025319	17-Nov-2011
US	61414582		17-Nov-2010
US	13885251	US20130238269	17-Nov-2011
WO	PCTUS2011061171	WO2012068364	17-Nov-2011
CN	2017111222343	CN107943403A	21-Nov-2011
CN	201180064937X	CN103314350	21-Nov-2011
EP	171921315	3333677	21-Nov-2011
EP	118439942	EP2643743	21-Nov-2011
KR	1020137016357	101929595	21-Nov-2011
US	61416025		22-Nov-2010
US	13628505	8907892	21-Nov-2011
US	13741888	8581841	21-Nov-2011
US	14541815	9571878	21-Nov-2011
US	15399182	10545577	21-Nov-2011
WO	PCTUS2011061667	WO2012071334	21-Nov-2011
US	61427562		28-Dec-2010
US	61423429		15-Dec-2010

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

Country Code	Application Number	Publication or Grant No.	Filing Date
US	13326989	9377876	15-Dec-2011
US	61719442		28-Oct-2012
US	14438704	US20150264439	28-Oct-2013
WO	PCTUS2013067024	WO2014066879	28-Oct-2013
US	61918021		19-Dec-2013
WO	PCTUS2014071233	WO2015095567	18-Dec-2014
US	61938897		12-Feb-2014
US	62040579		22-Aug-2014
US	14833434	US20160054977	24-Aug-2015
US	62114277		10-Feb-2015
US	62153088		27-Apr-2015
US	62219357		16-Sep-2015
US	62274989		5-Jan-2016
WO	PCTUS2017012284	WO2017120300	5-Jan-2017
US	62436187		19-Dec-2016
US	16466727	11099031	13-Dec-2017
WO	PCTUS17066077	WO2018118574	13-Dec-2017
CN	201880005943X	CN110177998A	5-Jan-2018
KR	1020197018664	1020190116249	5-Jan-2018
US	62443279		6-Jan-2017
US	17356613	20210318142	5-Jan-2018
US	16473321	11079252	5-Jan-2018
WO	PCTUS18012608	WO2018129335	5-Jan-2018
US	60708851		17-Aug-2005
US	11505207	US20070067798	16-Aug-2006
WO	PCTUS2006032041	WO2007022306	16-Aug-2006
US	07032305	4839838	30-Mar-1987
EP	EP048173496	EP1676436	25-Oct-2004
US	60513896		23-Oct-2003
WO	PCTUS04035211	WO2005040987	25-Oct-2004
CN	2018106412573	CN109099908A	20-Jun-2018
US	62522600		20-Jun-2017
US	16012078	US20180364048	19-Jun-2018
US	62557728		12-Sep-2017
US	62544992		14-Aug-2017
US	62580764		2-Nov-2017
US	62586109		14-Nov-2017
US	62614714		8-Jan-2018
US	62614730		8-Jan-2018
US	62640891		9-Mar-2018

Patent Assignment: IDHL Holdings, Inc. to DRNC Holdings, Inc.

Country Code	Application Number	Publication or Grant No.	Filing Date
US	62642577		13-Mar-2018
CN	2005300051043	ZL2005300051043	23-Feb-2005
EU	EP000298963	EP000298963	22-Feb-2005
JP	2005005022	1251001	23-Feb-2005
KR	30200500056900	300391194	23-Feb-2005
TW	TW943009770	D112782	23-Feb-2005
US	29211859	D550633	23-Aug-2004
US	29289350		23-Aug-2004
CN	200530129230	ZL200530129230	29-Sep-2005
EU	EP407606	EP407606	28-Sep-2005
JP	2005028772	1286565	3-Oct-2005
KR	3020050033020	300411986	30-Sep-2005
TW	TW94305886	D113965	30-Sep-2005
US	29226786	D528510	1-Apr-2005
US	29260422	D586331	24-May-2006
US	29265967	D551660	12-Sep-2006
US	29270906	D552567	5-Jan-2007
US	29358079	D658196	22-Mar-2010
US	29224166	D527006	25-Feb-2005
US	29230528	D589521	23-May-2005
US	29334583		23-May-2005
CN	2007300081071	ZL2007300081071	9-Mar-2007
EU	EP000715693	EP715693	1-May-2007
JP	20076273		12-Mar-2007
KR	3020070010034	300470496	8-Mar-2007
TW	TW96301301	D124418	8-Mar-2007
US	29265947	D547304	12-Sep-2006
US	29265966	D550214	12-Sep-2006
US	29352782	D620925	27-Dec-2009
US	29491088	D734743	16-May-2014