

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3926408

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INTERDIGITAL PATENT HOLDINGS, INC.	06/08/2016

RECEIVING PARTY DATA

Name:	DRNC HOLDINGS, INC.
Street Address:	200 BELLEVUE PARKWAY
Internal Address:	SUITE 200
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809

PROPERTY NUMBERS Total: 15

Property Type	Number
Patent Number:	7445476
Patent Number:	7677909
Patent Number:	7526082
Patent Number:	7929278
Patent Number:	7957123
Patent Number:	8040672
Patent Number:	8013652
Patent Number:	8207774
Patent Number:	8463202
Patent Number:	8457565
Patent Number:	6741213
Patent Number:	7019696
Patent Number:	7446708
Patent Number:	7499691
Patent Number:	6987483

CORRESPONDENCE DATA

Fax Number: (302)798-3766

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.

PATENT

Phone: 3022813600
Email: docketing@interdigital.com
Correspondent Name: PATENT DOCKETING
Address Line 1: 200 BELLEVUE PARKWAY
Address Line 2: SUITE 200
Address Line 4: WILMINGTON, DELAWARE 19809

ATTORNEY DOCKET NUMBER:	KYOCERA IPH TO DRNC
NAME OF SUBMITTER:	THEODORE NACCARELLA
SIGNATURE:	/Theodore Naccarella/
DATE SIGNED:	06/20/2016

Total Attachments: 6

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PATENT ASSIGNMENT

In order to effectuate the transfer of certain assets to DRNC HOLDINGS, INC., ("DRNC"), in consideration of the covenants and promises contained herein, DRNC and InterDigital Patent Holdings, Inc. ("IPH") agree that, as of the date last signed hereto ("Effective Date");

- 1.1 IPH, having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809, a Delaware corporation, does hereby assign and transfer unto DRNC, having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809, a Delaware corporation, and its successors, assigns and legal representatives, IPH's entire right, title and interest in and to the patents and patent applications identified on "Schedule A", together with the entire right, title and interest, including all rights under any and all international conventions and treaties, including the right to claim priority under the Paris Convention or other treaty, in and to said applications, and/or in and to Letters Patent which may be issued upon said applications, and any divisionals, extensions, continuations or reexaminations thereof, throughout the world, including, in each such case, all rights to sue for infringement of any of the patents and patent applications, whether arising prior to, on or subsequent to the Effective Date and including the right to seek injunctive relief and to collect past damages for any such infringement (collectively, "Transferred Asset(s)"), subject to the limitations of paragraph 1.2.
- 1.2 DRNC 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. DRNC further agrees that when an Existing Third Party Right requires IPH 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.
- 1.3 IPH agrees that, when requested, IPH will reasonably cooperate to sign all papers, take all rightful oaths, 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.

IN WITNESS WHEREOF, the Parties have executed this Patent Assignment as of the dates below.

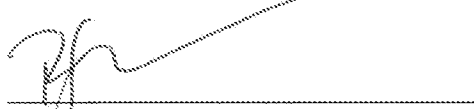
EXECUTED under seal on this 8th day of June, 2016 at Wilmington, Delaware.

ASSIGNOR:

ASSIGNEE:

InterDigital Patent Holdings, Inc.

DRNC Holdings, Inc.



By: Marie H. MacNichol
Title: Vice President, Chief Licensing
Officer and Chief Intellectual
Property Officer

By: Richard J. Brezski
Title: Chief Financial Officer

Date: June 8, 2016

Date: June 8, 2016

ACKNOWLEDGMENT

STATE OF DELAWARE

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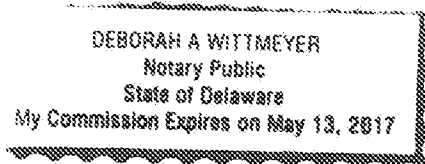
COUNTY OF NEW CASTLE

On this 8th day of June, 2016 before me personally appeared Marie H. MacNichol, as Vice President, Chief Licensing Officer and Chief Intellectual Property Counsel of InterDigital Patent Holdings, Inc., known to me to be the person described herein and who executed the foregoing instrument, and acknowledged that she executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.

Deborah A Wittmeyer
Notary Public

My Commission Expires: 5/13/2017



ACKNOWLEDGMENT

STATE OF DELAWARE

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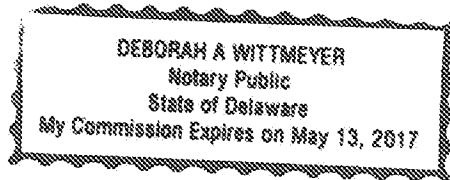
COUNTY OF NEW CASTLE

On this 8th day of June, 2016 before me personally appeared Richard J. Brezski, as Chief Financial Officer of DRNC Holdings, Inc., to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.

Deborah A Wittmeyer
Notary Public

My Commission Expires: 5/13/2017



Schedule A

Title	Country	App No.	Patent No.
Portable terminal, opening or closing method	China	2004108091	
Power amplification device and communication device	China	CN20088125274	
Power amplifying circuit, and transmitter and wireless communication device using the same	China	200880108440.1	
POWER AMPLIFICATION DEVICE AND COMMUNICATION DEVICE	European Patent	20080671748	
POWER AMPLIFYING CIRCUIT, AND TRANSMITTER AND WIRELESS COMMUNICATION DEVICE USING THE SAME	European Patent	2008739570	
POWER AMPLIFIER CIRCUIT, AND TRANSMITTER AND WIRELESS COMMUNICATION DEVICE USING THE SAME	European Patent	20080739571	
CARD FOR INFORMATION APPARATUS	Japan	2004-255645	
CARD FOR INFORMATION EQUIPMENT	Japan	2004-255646	4698185
TERMINAL FOR INFORMATION EQUIPMENT	Japan	2004-255647	4646579
MOBILE TERMINAL DEVICE	Japan	2003-113435	4463495
PORTABLE TERMINAL UNIT AND ITS OPENING-CLOSING METHOD	Japan	2003-064250	3786099
ELECTRONIC EQUIPMENT	Japan	2007-013663	5106868
MOBILE ELECTRONIC APPARATUS	Japan	2007-019292	5364914
MOBILE ELECTRONIC APPARATUS	Japan	2007-019291	5477882
MOBILE TERMINAL DEVICE EQUIPPED WITH DISPLAY	Japan	2008-085425	4745360
CONSTANT ENVELOPE SIGNAL GENERATION CIRCUIT, POWER AMPLIFICATION DEVICE AND COMMUNICATION DEVICE	Japan	2010-244741	5106614
POWER AMPLIFICATION DEVICE AND COMMUNICATION DEVICE	Japan	2008-019924	
POWER AMPLIFICATION DEVICE AND COMMUNICATION DEVICE	Japan	2009-551412	4714790
POWER AMPLIFYING CIRCUIT, AND TRANSMITTER AND WIRELESS COMMUNICATION DEVICE USING THE SAME	Japan	2007-251577	
POWER AMPLIFYING CIRCUIT, AND TRANSMITTER AND WIRELESS COMMUNICATION DEVICE USING THE SAME	Japan	2008-022160	
POWER AMPLIFYING CIRCUIT, AND TRANSMITTER AND WIRELESS COMMUNICATION DEVICE USING THE SAME	Japan	2008-023373	

Title	Country	App No.	Patent No.
POWER AMPLIFIER CIRCUIT, AND TRANSMITTER AND WIRELESS COMMUNICATION DEVICE USING THE SAME	Japan	2009-534202	5144672
POWER AMPLIFYING CIRCUIT, AND TRANSMITTER AND WIRELESS COMMUNICATION DEVICE USING THE SAME	Japan	2009-534201	5144671
MOBILE TERMINAL DEVICE, AND METHOD FOR OPENING AND SHUTTING THE SAME, PARTICULARLY PREVENTING FRICTION BETWEEN TWO CASINGS	Korea, Republic of (KR)	20040016173	
POWER AMPLIFYING CIRCUIT, AND TRANSMITTER AND WIRELESS COMMUNICATION DEVICE USING THE SAME	Korea, Republic of (KR)	1020107008012	
ELECTRONIC APPARATUS	Patent Cooperation Treaty	PCT/JP08/051007	
PORTABLE ELECTRONIC DEVICE	Patent Cooperation Treaty	PCT/JP08/051455	
POWER AMPLIFICATION DEVICE AND COMMUNICATION DEVICE	Patent Cooperation Treaty	PCT/JP08/073570	
POWER AMPLIFYING CIRCUIT, AND TRANSMITTER AND WIRELESS COMMUNICATION DEVICE USING THE SAME	Patent Cooperation Treaty	PCT/JP08/056457	
POWER AMPLIFIER CIRCUIT, AND TRANSMITTER AND WIRELESS COMMUNICATION DEVICE USING THE SAME	Patent Cooperation Treaty	PCT/JP08/056458	
Power amplifier and communication apparatus	Taiwan	20080150726	
Card for information equipment, and terminal for information equipment	United States of America	11/219,340	7,445,476
Card for Information Equipment, and Terminal for Information Equipment	United States of America	12/244,618	7,677,909
Portable terminal and opening or closing method therefor	United States of America	10/800,165	7,526,082
Electronic Equipment	United States of America	12/524,464	7,929,278
Portable Electronic Device	United States of America	12/525,064	7,957,123
Mobile Terminal Device Equipped With Display	United States of America	12/411,095	8,040,672
POWER AMPLIFICATION DEVICE AND COMMUNICATION DEVICE	United States of America	12/865,720	8,013,652

Title	Country	App No.	Patent No.
POWER AMPLIFICATION DEVICE AND COMMUNICATION DEVICE	United States of America	13/198,650	8,207,774
POWER AMPLIFYING CIRCUIT, AND TRANSMITTER AND WIRELESS COMMUNICATION DEVICE USING THE SAME	United States of America	12/679,896	8,463,202
POWER AMPLIFIER CIRCUIT, AND TRANSMITTER AND WIRELESS COMMUNICATION DEVICE USING THE SAME	United States of America	12/679,899	8,457,565
Tri-band antenna	United States of America	10/228,693	6,741,213
Tri-band antenna	United States of America	10/518,063	7,019,696
MULTIBAND MONOPOLE ANTENNA WITH INDEPENDENT RADIATING ELEMENTS	United States of America	11/260,588	7,446,708
Systems and methods for selecting an antenna configuration in a mobile communication device	United States of America	11/289,061	7,499,681
Effectively balanced dipole microstrip antenna	United States of America	10/371,566	6,987,483