

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>InterDigital Holdings, Inc.</td> <td>03/27/2013</td> </tr> </tbody> </table>		Name	Execution Date	InterDigital Holdings, Inc.	03/27/2013								
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InterDigital Holdings, Inc.	03/27/2013												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>DRNC Holdings, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>200 Bellevue Parkway</td> </tr> <tr> <td>Internal Address:</td> <td>Suite 300</td> </tr> <tr> <td>City:</td> <td>Wilmington</td> </tr> <tr> <td>State/Country:</td> <td>DELAWARE</td> </tr> <tr> <td>Postal Code:</td> <td>19809</td> </tr> </table>		Name:	DRNC Holdings, Inc.	Street Address:	200 Bellevue Parkway	Internal Address:	Suite 300	City:	Wilmington	State/Country:	DELAWARE	Postal Code:	19809
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PROPERTY NUMBERS Total: 2													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>6804110</td> </tr> <tr> <td>Patent Number:</td> <td>7009568</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	6804110	Patent Number:	7009568						
Property Type	Number												
Patent Number:	6804110												
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CORRESPONDENCE DATA													
Fax Number:	2155585676												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	2155585740												
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Correspondent Name:	Condo Roccia LLP												
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ATTORNEY DOCKET NUMBER:	IDCC_SONY												
NAME OF SUBMITTER:	Jennifer E. Rassa												
Signature:	/Jennifer E. Rassa/												

Date:

04/16/2013

Total Attachments: 10

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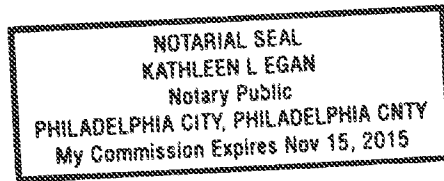
COMMONWEALTH OF PENNSYLVANIA)
) SS:
COUNTY OF PHILADELPHIA)

CERTIFICATION

I hereby certify that the attached assignment from InterDigital Holdings, Inc. to DRNC Holdings, Inc. is a true and correct copy of the original assignment of the patents and applications listed on Appendix A.

Kathleen L. Egan
Kathleen L. Egan

Date: 4/1/2013



Patent Assignment

THIS PATENT ASSIGNMENT ("Assignment") IS MADE BY AND BETWEEN

InterDigital Holdings, Inc. (formerly known as InterDigital IP Holdings, Inc.) (hereinafter "**ASSIGNOR**"), a Delaware corporation with its principal place of business located at 200 Bellevue Parkway, Wilmington, DE, 19809-3727, and DRNC Holdings, Inc. (hereinafter "**ASSIGNEE**"), a Delaware corporation having a mailing address of 200 Bellevue Parkway, Suite 300, Wilmington, Delaware 19809-3727. **ASSIGNOR** and **ASSIGNEE** shall collectively be referred to herein as the "**PARTIES**".

WHEREAS, **ASSIGNOR** is the sole owner of the patents and/or patent applications listed in the attached Appendix A (collectively, hereinafter "the **PATENTS**"); and

WHEREAS, **ASSIGNEE** is desirous of acquiring all of **ASSIGNOR**'s right, title and interest in and to the **PATENTS**.

NOW, THEREFORE, in consideration of the foregoing, and for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound hereby, the **PARTIES** hereto agree as follows:

ASSIGNOR has sold, assigned and transferred, and does hereby irrevocably sell, assign and transfer to **ASSIGNEE** all of **ASSIGNOR**'s right, title and interest in and to (i) the **PATENTS**; (ii) all patents and patent applications linked to the **PATENTS** through one or more claims of priority pursuant to 35 U.S.C. §§ 120 or 119(e) (the equivalent laws or regulation of any other patent authority) or by a **DISCLAIMER ISSUE** (defined below) or that are, or are entitled to be, foreign counterparts, reissues, divisionals, renewals, revivals, reissues, reexaminations, extensions, continuations or continuations-in-part with respect to any other patent or patent application in such set of the **PATENTS** and (iii) the right to sue for and recover damages for any past, present or future infringement of the **PATENTS** and the foregoing patents and patent applications, 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, to the end of the term or terms thereof as fully and entirely as the same would have been held and enjoyed by **ASSIGNOR**, if this assignment and sale had not been made. "**Disclaimer Issue**" means a terminal disclaimer including under 35 U.S.C. Sec. 253 or 37 CFR 1.321 or the equivalent laws or regulation of any other patent authority.

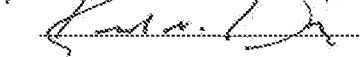
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IN WITNESS WHEREOF, **ASSIGNOR** has caused these presents to be signed by its duly appointed officer having full authority in the circumstances; and **ASSIGNEE** has caused these presents to be signed by its duly appointed officer having full authority in the circumstances.

[The rest of this page is intentionally left blank]

SIGNED for and on behalf of:

INTERDIGITAL HOLDINGS, INC.


By:  on 27 March 2013
(Signature) (Date)

Bradley N. Ditty
Vice President, Patents

STATEMENT OF WITNESS: I, Anny L. Hudak
Name of Witness

whose full address is: 200 Bellevue Parkway Suite 300, Wilmington, DE 19809
Address of Witness

was personally present and did see Bradley N. Ditty execute this Assignment on the 27th
day of March, 2013 and such Assignor is personally known to me to be the person
described herein.


Signature of Witness

[InterDigital Holdings, Inc. Patent Assignment Signature Page]

SIGNED for and on behalf of:

DRNC HOLDINGS, INC.

By: *Christos A. Ioannidi* on *27 March 2013*
(Signature) (Date)
Christos A. Ioannidi
Patent Executive

STATEMENT OF WITNESS: I, *Amy L. Hudak*
Name of Witness

whose full address is: *770 Bellevue Parkway, Suite 300, Wilmington, DE 19809*
Address of Witness

was personally present and did see *Christos A. Ioannidi* execute this Assignment on the *27th*
day of *March*, 2013 and such Assignor is personally known to me to be the person
described herein.

Amy L. Hudak
Signature of Witness

[DRNC Holdings, Inc. Patent Assignment Signature Page]

APPENDIX A

App Title	Country	App No.	Patent #
Transition Animation for Menu Structure	United States of America	09/133,025	6,049,336
System and Method for Enabling Manipulation of Graphic Images to Form A Graphic Image	Australia	199897177	
System and Method for Enabling Manipulation of Graphic Images to Form A Graphic Image	Germany (Federal Republic of)	19900984	
System and Method for Enabling Manipulation of Graphic Images to Form A Graphic Image	Mexico	199900354	
System and Method for Enabling Manipulation of Graphic Images to Form A Graphic Image	United States of America	09/006,544	
System and Method for Enabling Manipulation of Graphic Images to Form A Graphic Image	United States of America	09/556,049	
System and Method for Enabling Manipulation of Graphic Images to Form A Graphic Image	United States of America	11/444,651	7,334,192
System and Method for Enabling Manipulation of Graphic Images to Form A Graphic Image	United States of America	10/171,476	7,093,203
Electronic Apparatus Having A Display Function	China	CN1999817065A	ZL99817065.8
Electronic Apparatus Having A Display Function	Japan	2001-549173	
Electronic Apparatus Having A Display Function	Thailand	62723	
Electronic Apparatus Having A Display Function	Taiwan	89104727	480382
Electronic Apparatus Having A Display Function	United States of America	10/169,248	

APPENDIX A

Electronic Apparatus Having A Display Function	United States of America	11/905,956	8,102,458
Electronic Apparatus Having A Display Function	United States of America	13/325,913	8,363,147
Electronic Apparatus Having A Display Function	United States of America	13/686,494	
Electronic Apparatus Having A Display Function	Patent Cooperation Treaty	PCT/JP99/07392	
Portable Telephone	China	2001133200A	ZL01133200.X
Portable Telephone	Germany (Federal Republic of)	01306750.9	DE60128520
Portable Telephone	Germany (Federal Republic of)	10003280.4	
Portable Telephone	European Patent	01306750.9	EP1179944
Portable Telephone	European Patent	06021187.7	
Portable Telephone	European Patent	10003280.4	
Portable Telephone	France	01306750.9	EP1179944
Portable Telephone	France	10003280.4	
Portable Telephone	United Kingdom	01306750.9	EP1179944
Portable Telephone	United Kingdom	10003280.4	
Portable Telephone	Japan	2000-245401	4806840
Portable Telephone	Japan	2010-167537	5115772
Portable Telephone	Japan	2012-026483	
Portable Telephone	Korea, Republic of (KR)	200148503A	KR10-808319
Portable Telephone	United States of America	09/927,050	7,405,722
Portable Telephone	United States of America	11/606,587	
Portable Telephone	United States of America	11/788,439	7,580,006
Portable Telephone	United States of America	12/818,292	7,978,150

APPENDIX A

Portable Telephone	United States of America	13/217,982	
Portable Telephone	United States of America	13/530,197	
Information Processing Device	China	2001801209A	ZL01801209.4
Information Processing Device	European Patent	01926147.8	
Information Processing Device	Japan	2000-142258	
Information Processing Device	Japan	2009-280530	4600588
Information Processing Device	Japan	2009-280529	4817031
Information Processing Device	Korea, Republic of (KR)	20027-000236	KR10-840828
Information Processing Device	Malaysia	PI20012019	MY123637
Information Processing Device	Thailand	065300	
Information Processing Device	Taiwan	2001110436	TW168871
Information Processing Device	United States of America	10/030,598	6,804,110
Information Processing Device	United States of America	10/927,835	7,009,568
Information Processing Device	Patent Cooperation Treaty	PCT/JP01/003834	
Information Processor	Japan	2000-327226	
Music File Processor, Music File Processing Method And Program For The Method	China	CN2002123309A	ZL02123309.8
Music File Processor, Music File Processing Method And Program For The Method	Japan	2001-184666	
Music File Processor, Music File Processing Method And Program For The Method	Japan	2009-137232	4475355
Music File Processor, Music File Processing Method And Program For The Method	United States of America	10/174,623	6,759,585

APPENDIX A

Device And Method For Information Processing, And Program Storage Medium	China	2001135577A	
Device And Method For Information Processing, And Program Storage Medium	European Patent	01307551.0	
Device And Method For Information Processing, And Program Storage Medium	Japan	2000-272245	
Device And Method For Information Processing, And Program Storage Medium	Korea, Republic of (KR)	2001-0055110	
Device And Method For Information Processing, And Program Storage Medium	Taiwan	90122005	
Device And Method For Information Processing, And Program Storage Medium	United States of America	09/947,553	6,880,132
Media/Information Publishing and Managing System and Process	United States of America	60/480,682	
Media/Information Publishing and Managing System and Process	United States of America	10/613,349	7,177,881
Media/Information Publishing and Managing System and Process	United States of America	10/783,284	7,177,872
Media/Information Publishing and Managing System and Process	United States of America	11/626,127	
Media/Information Publishing and Managing System and Process	United States of America	11/626,167	8,010,486
Media/Information Publishing and Managing System and Process	United States of America	12/575,420	

APPENDIX A

Media/Information Publishing and Managing System and Process	Patent Cooperation Treaty	PCT/US2004/20285	
Media/Information Publishing and Managing System and Process	Patent Cooperation Treaty	PCT/US2004/20284	