

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3876918

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
INTERDIGITAL, INC.	01/21/2016
RECEIVING PARTY DATA	
Name:	DST HOLDINGS, INC.
Street Address:	200 BELLEVUE PARKWAY
Internal Address:	SUITE 300
City:	WILMINGTON
State/Country:	DELAWARE
Postal Code:	19809
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	10725779
Application Number:	11840534
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>	
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ATTORNEY DOCKET NUMBER:	SIG-2-1355.01.US,0526.1US
NAME OF SUBMITTER:	ROBERT D. LEONARD
SIGNATURE:	/Robert D. Leonard/
DATE SIGNED:	05/17/2016
Total Attachments: 12	
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PATENT ASSIGNMENT

In order to effectuate the transfer of certain assets to DST Holdings, Inc., InterDigital Technology Corporation, InterDigital Holdings, Inc. (f/k/a InterDigital IP Holdings, Inc.), InterDigital, Inc., and DST Holdings, Inc., (collectively the "Parties") agree that, as of the date last signed below (the "Effective Date"):

- 1.1 InterDigital Technology Corporation ("ITC"), having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809, a Delaware corporation, does hereby assign and transfer unto InterDigital Holdings, Inc. ("IHI"), having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809, a Delaware corporation, and its successors, assigns and legal representatives, ITC's entire right, title and interest in 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 divisions, extensions, continuations or reissues thereof, throughout the world, including, in each such case, all rights to sue for infringement of any of the patents, 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, the "Transferred Asset(s)"), subject to the limitations of paragraphs 1.2, 1.3, and 1.4.
- 1.2 ITC hereby expressly excludes from this Patent Assignment, any and all right, title, and interest to any and all patent applications, patents, utility model applications, utility model patents, recordations, and registrations in People's Republic of China and Hong Kong.
- 1.3 IHI 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. IHI further agrees that when an Existing Third Party Right requires ITC 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.

- 1.4 ITC 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 1.3.
- 1.5 ITC agrees that, when requested, ITC 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 IHI, its successors, and assigns and legal representatives or nominees.
- 2.1 InterDigital Holdings, Inc. (f/k/a InterDigital IP Holdings, Inc.) ("IHI"), having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809 a Delaware corporation, does hereby assign and transfer unto InterDigital, Inc. ("InterDigital"), having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809 a Delaware corporation, and its successors, assigns and legal representatives, IHI's entire right, title and interest in the Transferred Assets, subject to the limitations of paragraph 2.2, 2.3, and 2.4.
- 2.2 IHI hereby expressly excludes from this Patent Assignment, any and all right, title, and interest to any and all patent applications, patents, utility model applications, utility model patents, recordations, and registrations in People's Republic of China and Hong Kong.
- 2.3 InterDigital 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. InterDigital 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, InterDigital hereby so agrees and assures and agrees to provide such written assurances or undertakings with respect to the Transferred Assets.

- 2.4 InterDigital further agrees that InterDigital 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 set forth in paragraph 2.3.
- 2.5 IHI agrees that, when requested, IHI 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 InterDigital, its successors, and assigns and legal representatives or nominees.
- 3.1 InterDigital, Inc. ("InterDigital"), having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809, a Delaware corporation does hereby assign and transfer unto DST Holdings, Inc. ("DST"), having its address at 200 Bellevue Parkway, Suite 300, Wilmington, DE 19809, a Delaware corporation, and its successors, assigns and legal representatives, InterDigital's entire right, title and interest in the Transferred Assets, subject to the limitations of paragraph 3.2, 3.3, and 3.4.
- 3.2 InterDigital hereby expressly excludes from this Patent Assignment, any and all right, title, and interest to any and all patent applications, patents, utility model applications, utility model patents, recordings, and registrations in People's Republic of China and Hong Kong.
- 3.3 DST 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. DST further agrees that when an Existing Third Party Right requires InterDigital 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, DST hereby so agrees and assures and agrees to provide such written assurances or undertakings with respect to the Transferred Assets.
- 3.4 DST further agrees that DST 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 set forth in paragraph 3.3.
- 3.5 InterDigital agrees that, when requested, InterDigital 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 DST, its successors, and assigns and legal representatives or nominees.

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

EXECUTED under seal on this 21st day of January,

2016 at Wilmington, Delaware.

ASSIGNOR:

ASSIGNEE:

InterDigital Technology Corporation InterDigital Holdings, Inc.

By: [Signature]
Lawrence F. Shay

By: [Signature]
Lawrence F. Shay

Title: President and CEO

Title: President and CEO

Date: January 21, 2016

Date: January 21, 2016

State of DELAWARE

ss.

County of NEW CASTLE

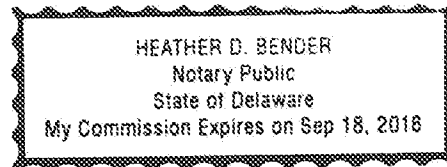
On this 21st day of January, 2016 before me personally appeared Lawrence F. Shay, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he executed the same knowingly and willingly and for the purposes therein contained.

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

Heather D. Bender

Notary Public

My Commission Expires: 9/18/2018



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

EXECUTED under seal on this 21st day of January,
2016 at Wilmington, Delaware.

ASSIGNOR:

ASSIGNEE:

InterDigital Holdings, Inc.

InterDigital, Inc.

By: [Signature]
Lawrence F. Shay

By: [Signature]
Lawrence F. Shay

Title: President and CEO

Title: Senior EVP, Future Wireless
and Chief IP Counsel

Date: January 21, 2016

Date: January 21, 2016

State of DELAWARE

ss.

County of NEW CASTLE

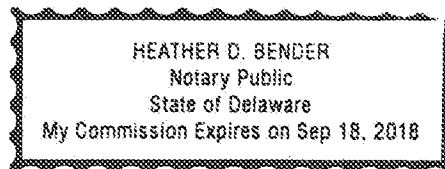
On this 21st day of January, 2016 before me personally appeared Lawrence F. Shay, to me known to be the person described herein and who executed the foregoing instrument, and acknowledged that he executed the same knowingly and willingly and for the purposes therein contained.

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

[Signature]

Notary Public

My Commission Expires: 9/18/2018



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ASSIGNOR:

ASSIGNEE:

InterDigital, Inc.

DST Holdings, Inc.

By: _____

Lawrence F. Shay

By: _____

Lawrence F. Shay

Title: Senior EVP, Future Wireless
and Chief IP Counsel

Title: President and Chief Executive
Officer

Date: January 21, 2016

Date: January 21, 2016

State of DELAWARE

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On this 21st day of January, 2016 before me personally appeared Lawrence F. Shay, 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.

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Heather D. Bender

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My Commission Expires: 9/18/2018

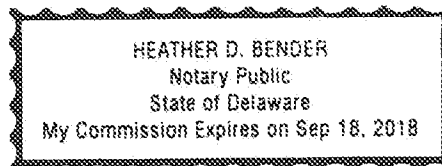


EXHIBIT A
CONFIDENTIAL

Patent Ref	App Title	Country	App No.	Filed Date	Patent No.	Grant Date
I-2-0449US	METHOD FOR DETECTING AND ADDRESSING PERFORMANCE-DEGRADATION IN PUNCTURED TURBO CODES	United States of America	60/434,232	16-Dec-02		
I-2-0449.1US	METHOD FOR DETECTING AND ADDRESSING PERFORMANCE-DEGRADATION IN PUNCTURED TURBO CODES	United States of America	60/494,404	11-Aug-03		
I-2-0461US	METHOD AND SYSTEM FOR DETECTING, AVOIDING, AND/OR CORRECTING PERFORMANCE DEGRADATION IN PUNCTURED TURBO CODES	United States of America	60/444,068	30-Jan-03		
I-2-0526.1AR	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Argentina	P030104640	16-Dec-03	AR042477B1	6-Nov-07
I-2-0526.1AR.1	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Argentina	P070104720	16-Dec-03	AR063386B2	25-Mar-09
I-2-0526.1AU	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Australia	2003298791	3-Dec-03	2003298791	16-Mar-07
I-2-0526.1AU.1	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Australia	2007200808	3-Dec-03	2007200808	14-May-09
I-2-0526.1AU.2	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Australia	2008258196	3-Dec-03	2008258196	26-Nov-09
2-0526AU04	TURBO-CODING AND PUNCTURING INTERACTIONS ON HIGH-SPEED DOWNLINK SHARED CHANNEL (HS-DSCH)	Australia	2009202467			
I-2-0526.1BR	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Brazil	PI0316783-6	3-Dec-03		
I-2-0526.1CA	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Canada	2,509,965	3-Dec-03		
I-2-0526.1CA.1	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Canada	2,627,995	3-Dec-03		
2-0526EP02	TURBO-CODING AND PUNCTURING INTERACTIONS ON HIGH-SPEED DOWNLINK SHARED CHANNEL (HS-DSCH)	European Patent	10166532.1	3-Dec-03		

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I-2-0526.1EP	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	European Patent	03796549.8	3-Dec-03		
I-2-0526.1GE	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Georgia	AP2003008897	3-Dec-03		
I-2-0526.1IN	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	India	2538/DELNP/2005	3-Dec-03		
I-2-0526.1ID	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Indonesia	W00200501876	3-Dec-03		
I-2-0526.1ID.1	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Indonesia	W00200702222	3-Dec-03		
I-2-0526.1IL	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Israel	169170	3-Dec-03		
2-0526JP02	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Japan	2009-171342	3-Dec-03	4819149	9-Sep-11
2-0526JP03	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Japan	2010-121336	3-Dec-03		
2-0526JP04	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Japan	2013-223339	3-Dec-03		
I-2-0526.1JP	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Japan	2005-508547	3-Dec-03		
I-2-0526.1KR	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Korea, Republic of (KR)	10-2005-7011039	3-Dec-03	1409948	13-Jun-14
I-2-0526.1KR.1	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Korea, Republic of (KR)	10-2005-7018461	3-Dec-03	1296020	6-Aug-13

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CONFIDENTIAL

Patent Ref	App Title	Country	App No.	Filed Date	Patent No.	Grant Date
I-2-0526.1MY	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Malaysia	PI20034796	15-Dec-03	MY-140376-A	31-Dec-09
I-2-0526.1MY.1	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Malaysia	PI20071906	15-Dec-03		
I-2-0526.1MX	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Mexico	PA/A/2005/006 462	3-Dec-03	263441	7-Jan-09
I-2-0526.1MX.1	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Mexico	MX/a/2008/016 136	3-Dec-03		
I-2-0526.1NO	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Norway	20053329	3-Dec-03		
I-2-0526.1WO	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Patent Cooperation Treaty	PCT/US03/382 23	3-Dec-03		
I-2-0526.1SG	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Singapore	200503789-0	3-Dec-03	112676	31-Jul-07
I-2-0526.1SG.1	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Singapore	200704431-6	3-Dec-03	154338	30-Nov-09
I-2-0526.1SG.2	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Singapore	200901462-2	3-Dec-03		
2-0526TW05	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Taiwan	101130331	8-Dec-03		
I-2-0526.1TW	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Taiwan	92134624	8-Dec-03	1287915	1-Oct-07
I-2-0526.1TW1	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Taiwan	93120815	8-Dec-03	1367644	1-Jul-12

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CONFIDENTIAL**

Patent Ref	App Title	Country	App No.	Filed Date	Patent No.	Grant Date
I-2-0526.1TW2	WIRELESS COMMUNICATION SYSTEM FOR PROCESSING INDIVIDUAL PARITY BIT STREAMS DERIVED THROUGH PUNCTURING BITS AND AND METHOD THEREOF	Taiwan	95146533	8-Dec-03	1337011	1-Feb-11
I-2-0526.1TW3	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Taiwan	98101733	8-Dec-03	1387215	21-Feb-13
I-2-0526US	TURBO-CODING AND PUNCTURING INTERACTIONS ON HIGH-SPEED DOWNLINK SHARED CHANNEL (HS-DSCH)	United States of America	60/470,921	15-May-03		
I-2-0526.1US	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	United States of America	10/725,779	2-Dec-03	7,293,217	6-Nov-07
I-2-0526.2US	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	United States of America	11/974,381	12-Oct-07	8,074,143	6-Dec-11
2-0526US04	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	United States of America	13/309,962	2-Dec-11	8,359,520	22-Jan-13
2-0526US05	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	United States of America	13/744,984	18-Jan-13	8,788,920	22-Jul-14
2-0526US06	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERNS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	United States of America	14/300,734	10-Jun-14	9,065,486	23-Jun-15
I-2-0526.1VE	DETECTION, AVOIDANCE AND/OR CORRECTION OF PROBLEMATIC PUNCTURING PATTERS IN PARITY BIT STREAMS USED WHEN IMPLEMENTING TURBO CODES	Venezuela	2201-03	16-Dec-03		
ITC-2-1355.01.AR	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Argentina	P070103701	21-Aug-07		
ITC-2-1355.01.AU	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Australia	2007288318	17-Aug-07		
ITC-2-1355.01.BR	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Brazil	PI0714627-2	17-Aug-07		
ITC-2-1355.01.CA	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Canada	2,669,560	17-Aug-07		
ITC-2-1355.01.EP	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	European Patent	07836992.3	17-Aug-07		
ITC-2-1355.01.IN	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	India	1202/DELNP/2009	17-Aug-07		

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Patent Ref	App Title	Country	App No.	Filed Date	Patent No.	Grant Date
ITC-2-1355.01.ID	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Indonesia	W00200900578	5-Mar-09		
ITC-2-1355.01.IL	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Israel	197028	17-Aug-07		
ITC-2-1355.01.JP	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Japan	2009-525573	17-Aug-07		
2-1355KR02	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Korea, Republic of (KR)	10-2009-7011800	17-Aug-07		
ITC-2-1355.01.KR	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Korea, Republic of (KR)	10-2009-7005673	17-Aug-07		
ITC-2-1355.01.MY	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Malaysia	PI20090550	17-Aug-07		
ITC-2-1355.01.MX	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Mexico	MX/a/2009/001972	17-Aug-07		
ITC-2-1355.01.WO	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Patent Cooperation Treaty	PCT/US07/18279	17-Aug-07		
ITC-2-1355.01.RU	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Russian Federation	2009110150	17-Aug-07		
ITC-2-1355.01.SG	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Singapore	200900959-8	17-Aug-07		
ITC-2-1355.01.TW	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Taiwan	96130635	17-Aug-07		
ITC-2-1355.00.US	RESOURCE ALLOCATION, SCHEDULING AND SIGNALINGS FOR GROUPING REAL TIME SERVICES IN LTE	United States of America	60/839,022	21-Aug-06		
ITC-2-1355.01.US	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	United States of America	11/840,534	17-Aug-07	8,165,594	24-Apr-12
2-1355US03	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	United States of America	13/424,906	20-Mar-12		
ITC-2-1355.01.VE	RESOURCE ALLOCATION, SCHEDULING, AND SIGNALING FOR GROUPING REAL TIME SERVICES	Venezuela	2007-001797	20-Aug-07		

PATENT

RECORDED: 05/17/2016

REEL: 038621 FRAME: 0360