

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4591928

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SUPPORTING ASSIGNMENT DOCUMENT AND EXECUTION DATE previously recorded on Reel 040275 Frame 0755. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
NEW CINGULAR WIRELESS SERVICES, INC.	09/13/2017
RECEIVING PARTY DATA	
Name:	CINGULAR WIRELESS II, INC.
Street Address:	5565 GLENRIDGE CONN.
Internal Address:	SUITE 1700
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30342
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	13224695
Application Number:	13951950
Application Number:	14257283
PCT Number:	US0015836
CORRESPONDENCE DATA	
Fax Number:	(732)542-2283
<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:	7325422280
Email:	khunter@trbkllaw.com
Correspondent Name:	AT&T LEGAL DEPARTMENT - TRBK
Address Line 1:	ONE AT&T WAY
Address Line 2:	ROOM 2A-212
Address Line 4:	BEDMINSTER, NEW JERSEY 07921
ATTORNEY DOCKET NUMBER:	1999-0343 CORRECTIVE
NAME OF SUBMITTER:	KIRSTEN HUNTER
SIGNATURE:	/Kirsten Hunter/
DATE SIGNED:	09/13/2017

Total Attachments: 4

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4136703

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NEW CINGULAR WIRELESS SERVICES, INC.	10/27/2016
RECEIVING PARTY DATA	
Name:	CINGULAR WIRELESS II, INC.
Street Address:	5565 GLENRIDGE CONN.
Internal Address:	SUITE 1700
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30342
PROPERTY NUMBERS Total: 4	
Property Type	Number
Application Number:	13224695
Application Number:	13951950
Application Number:	14257283
PCT Number:	US0015836
CORRESPONDENCE DATA	
Fax Number:	(732)542-2283
<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:	7325422280
Email:	khunter@trbkllaw.com
Correspondent Name:	AT&T LEGAL DEPARTMENT - TRBK
Address Line 1:	ONE AT&T WAY
Address Line 2:	ROOM 2A-212
Address Line 4:	BEDMINSTER, NEW JERSEY 07921
ATTORNEY DOCKET NUMBER:	1999-0343
NAME OF SUBMITTER:	KIRSTEN HUNTER
SIGNATURE:	/Kirsten Hunter/
DATE SIGNED:	11/10/2016
Total Attachments: 2	

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PATENT

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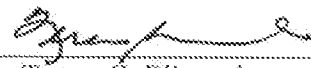
RECORDABLE PATENT ASSIGNMENT

This Recordable Patent Assignment is between New Cingular Wireless Services, Inc. ("New Cingular Wireless Services"), a Delaware limited liability company, and Cingular Wireless II, Inc. ("Cingular Wireless II"), a Delaware limited liability company.

Effective on October 27, 2004, for good and adequate consideration, the receipt and sufficiency of which has been and hereby is acknowledged, New Cingular Wireless Services hereby assigns, transfers, and conveys and/or has assigned, transferred, and conveyed to Cingular Wireless II all of New Cingular Wireless Services' rights, title and interest in and to the patents and pending patent applications identified on Attachment A (the "Patents"), with respect to which and to the extent to which New Cingular Wireless Services has or previously had the right to so assign, transfer and convey such rights, including all claims for past infringement, and all divisions, reexaminations, reissues, substitutions, continuations, continuations-in-part and extensions thereof, including the right to file applications and obtain patents, utility models, industrial models and designs for said inventions in its own name throughout the world including all rights of priority, all rights to public cautionary notices reserving ownership of said inventions and all rights to claim and register said inventions in appropriate registries. New Cingular Wireless Services has further agreed to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in Cingular Wireless II, its successors, assigns and legal representatives.

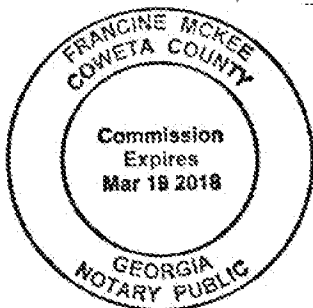
IN WITNESS WHEREOF, New Cingular Wireless Services has caused this Recordable Patent Assignment to be executed by its duly authorized representative.

**NEW CINGULAR WIRELESS
SERVICES, INC.**

By: 
Teresa G. Blizzard
Assistant Secretary

STATE OF GEORGIA)
) ss:
COUNTY OF COWETA)

Before me personally appeared the person described in and who executed the foregoing instrument, and s/he acknowledged to me that s/he executed the same for the purposes therein stated, this 13 day of September, 2017.




Notary Public

**PATENT
REEL: 043844 FRAME: 0253**

ATTACHMENT A

Docket#	Country	Relationship	#	Application Date	Application#	Grant Date	Patent#	Patent Title
1999-0343	United States	Continuation	2	09/02/2011	13/224695	07/30/2013	8498196	System And Method For Data Scrambling To Reduce The Crest Factor In An OFDM Waveform
1999-0343	United States	Continuation	3	07/26/2013	13/951950	04/22/2014	8705338	System And Method For Data Scrambling To Reduce The Crest Factor In An OFDM Waveform
1999-0343	United States	Continuation	4	04/21/2014	14/257283	07/21/2015	9088314	System And Method For Data Scrambling To Reduce The Crest Factor In An OFDM Waveform
1999-0343	Patent Cooperation Treaty	Original Filing		06/09/2000	PCT/US00/15836			System And Method For Data Scrambling To Reduce The Crest Factor In An Ofdm Waveform