

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SREEKAR MARUPADUGA	08/27/2014
JOHN W. PROCK	08/27/2014
ANDREW M. WURTENBERGER	08/27/2014
GAURAVPURI GOSWAMI	08/31/2014
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14475709
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ATTORNEY DOCKET NUMBER:	10498
NAME OF SUBMITTER:	JEFFREY P. ARMSTRONG
SIGNATURE:	/Jeffrey P. Armstrong/
DATE SIGNED:	09/03/2014
Total Attachments: 3	
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**ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR
LETTERS PATENT OF THE UNITED STATES OF AMERICA**

I hereby declare that I am an original, first and joint inventor of the invention relating to
"Frequency Allocation Based on Group Delay Variation" described in an application for
Letters Patent of the United States of America filed on September 3, 2014, Serial No.
14/475,709, or, if not identified here by filing date and serial number, executed by
me on even date with my execution of this Assignment.

For valuable consideration received, I hereby sell, assign and transfer to Sprint Spectrum
L.P., a limited partnership duly organized and existing under the laws of the State of Delaware,
United States of America, its successors and assigns, my entire right, title and interest, for all
countries in and to said inventions and all the rights and privileges under any and all Letters Patent
that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said limited partnership but at its
expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which
may be necessary, desirable or convenient for securing and maintaining patents or other forms of
protection for said inventions in any and all countries and for vesting title thereto in said limited
partnership, its successors, assigns or nominees.

I agree that I will communicate to said limited partnership or its representatives any facts
known to me respecting said inventions and when requested by said limited partnership and at its
expense will testify in any legal proceedings, and generally do everything possible to aid said
limited partnership, its successors, assigns and legal representatives or nominees, to obtain or
enforce proper protection for said inventions in any and all countries.

I authorize and empower said limited partnership, its successors, assigns or nominees, to
make application for patent or other form of protection for said inventions in its or their own name,
or in my/our name, in any and all countries to invoke and claim for any application for patent or
other form of protection for said inventions filed by it or them, the benefit of the right of priority
provided by the International Convention for the Protection of Industrial Property, as amended, or
by any convention which may henceforth be substituted for it, and to invoke and claim such right
of priority without further written or oral authorization from me.


I hereby consent that a copy of this Assignment shall be deemed a full legal and formal
equivalent of any assignment, consent to file or like document which may be required in any
country for any purpose and more particularly in proof of the right of the said limited partnership or
its successors, assigns or nominees to apply for patent or other proper protection for said
inventions, and to claim the aforesaid benefits of the right of priority provided by the International
Convention for the Protection of Industrial Property, as amended, or by any convention which may
henceforth be substituted for it.

I covenant with Sprint Spectrum L.P., its successors, assigns, legal representatives, and
nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are
free and clear of any encumbrance, and that I have the full right to convey the same as herein
expressed.

This Agreement and Assignment supersedes all other assignments, agreements and addendums related to the above identified application.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

SOLE OR JOINT INVENTOR

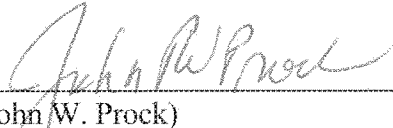
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Residence: Overland Park, Kansas

SOLE OR JOINT INVENTOR

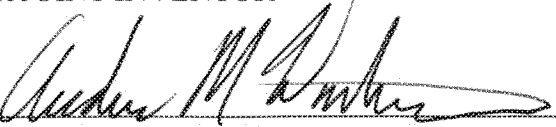
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