PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DMITRY DAIN	12/20/2007
IGOR BAZAROV	12/20/2007
JEVGENIJS LIVSICS	12/20/2007
MARK A. MCHENRY	12/20/2007

RECEIVING PARTY DATA

Name:	SHARED SPECTRUM COMPANY	
Street Address:	1595 SPRING HILL ROAD	
Internal Address:	SUITE 110	
City:	VIENNA	
State/Country:	VIRGINIA	
Postal Code:	22182	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14305159

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NAME OF SUBMITTER:	LAURA R. DREMBUS
SIGNATURE:	/Laura R. Drembus/
DATE SIGNED:	06/14/2018

Total Attachments: 1

PATENT REEL: 046083 FRAME: 0323 source=Assignment#page1.tif

PATENT REEL: 046083 FRAME: 0324

ASSIGNMENT

WHEREAS WE, Dmitry DAIN of Herndon, VA, Igor BAZAROV of Herndon, VA, Jevgenijs LIVSICS of Vienna, VA, and Mark A. MCHENRY of McLean, VA, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled SYSTEMS AND METHODS FOR A COGNITIVE RADIO HAVING ADAPTABLE CHARACTERISTICS, for which an application for United States Letters Patent was filed on August 15, 2007, and identified by United States Serial No. 11/839,496;

AND WHEREAS, SHARED SPECTRUM COMPANY, having an address of 1595 Spring Hill Road, Suite 110, Vienna, VA 22182 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefore:

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, WE do hereby sell, assign, transfer and set over unto SHARED SPECTRUM COMPANY, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application and any modifications and/or improvements therefor (hereinafter "invention"), any patent applications in the United States and foreign countries, and any original applications, formal applications, continuation applications, continuations-in-part applications, request for continued examination applications, divisional applications, reissue applications, re-examinations or extensions thereof, and in all rights to claim priority therefrom and/or thereto; and any copyright or designs associated with or in said invention, and all rights of action and damages for any past, present or future infringement relating thereto, including all rights of actions and damages from publication of the patent applications and/or issuance of any patent relating thereto;

UPON SAID CONSIDERATIONS, WE hereby agree with the said assignee that WE will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representative of assignor and assignee:

The undersigned hereby grant(s) the firm of Perkins Cole LLP the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

AND WE request the Commissioner for Patents to issue any Letters Patent of the United States which may be issued for said invention to said SHARED SPECTRUM COMPANY, its legal representative, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent(s) and the invention covered thereby.

Jevgenijs LIVSICS

Mark A MCHENRY

PATENT REEL: 046083 FRAME: 0325

RECORDED: 06/14/2018