

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6831818

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF FOURTH INVENTOR'S LAST NAME TO ZARRINKHAT previously recorded on Reel 056962 Frame 0813. Assignor(s) hereby confirms the ASSIGNMENT OF ASSIGNORS INTEREST.
CONVEYING PARTY DATA	
Name	Execution Date
SAMUEL J MACMULLAN	05/01/2017
DEEPAK DAS	05/02/2017
OSAMA TARRAF	04/25/2017
PIROUZ ZARRINKHAT	04/25/2017
RECEIVING PARTY DATA	
Name:	FEDERATED WIRELESS, INC.
Street Address:	4301 N. FAIRFAX DRIVE
Internal Address:	SUITE 310
City:	ARLINGTON
State/Country:	VIRGINIA
Postal Code:	22203
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17383963
CORRESPONDENCE DATA	
Fax Number:	(202)408-4000
<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:	2024084000
Email:	michelle.murray@finnegan.com
Correspondent Name:	FINNEGAN, HENDERSON
Address Line 1:	901 NEW YORK AVENUE, NW
Address Line 4:	WASHINGTON, D.C. 20001
NAME OF SUBMITTER:	MICHELLE MURRAY
SIGNATURE:	/Michelle Murray/
DATE SIGNED:	07/26/2021
Total Attachments: 6	

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SAMUEL J MACMULLAN	05/01/2017
DEEPAK DAS	05/02/2017
OSAMA TARRAF	04/25/2017
PIROUZ ZARRUINKHAT	04/25/2017
RECEIVING PARTY DATA	
Name:	FEDERATED WIRELESS, INC.
Street Address:	4301 N. FAIRFAX DRIVE
Internal Address:	SUITE 310
City:	ARLINGTON
State/Country:	VIRGINIA
Postal Code:	22203
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17383963
CORRESPONDENCE DATA	
Fax Number:	(202)408-4400
Phone:	202-408-4000
Email:	michelle.murray@finnegan.com
<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>	
Correspondent Name:	FINNEGAN, HENDERSON, FARABOW, GARRETT &
Address Line 1:	901 NEW YORK AVENUE, NW
Address Line 4:	WASHINGTON, D.C. 20001-4413
ATTORNEY DOCKET NUMBER:	13145.0025-03000
NAME OF SUBMITTER:	MICHELLE MURRAY
Signature:	/Michelle Murray/
Date:	07/23/2021

Total Attachments: 4

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RECEIPT INFORMATION**EPAS ID:** PAT6829440**Receipt Date:** 07/23/2021

ASSIGNMENT

WHEREAS I/We, the below-named inventor(s) (hereinafter referred to as Assignor(s)), of an invention entitled:

SPECTRUM ACCESS OPTIMIZATION FOR SELF ORGANIZING NETWORKS;

as disclosed and claimed in U.S. Application Number 15/481,243, filed April 6, 2017.

WHEREAS, Federated Wireless, Inc., a corporation of Delaware, whose post office address is 4301 N. Fairfax Drive, Suite 310, Arlington, VA 22203 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for patents on this invention in all countries throughout the world, including any PCT International Application and all national stage applications based thereon that may be filed, and all patents issued upon such applications in all countries throughout the world;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, the above-referenced applications that disclose and claim this invention, any PCT International Application and all national stage applications based thereon that may be filed, any other applications for patents filed anywhere in the world that claim this invention, and all divisions, and continuations of any such application, and all patents which may be granted thereon, and all reissues thereof, and all rights to claim priority in any country on the basis of any such applications, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request that any official of any country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

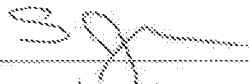
AND, I/WE authorize and request a patent practitioner of record in this application, to insert the filing date, country of filing, and application number of the above-referenced application(s) when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

Name: Samuel J. MACMULLAN
Address: 5 Hillside Rd.
Carlisle, MA 01741

WITNESSED BY,
Name:
(Printed)

Signature:



Date:

5/1/17

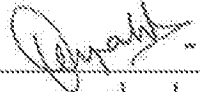
Signature:

Date:

Name: Deepak DAS
Address: 11 Rockville Avenue
Lexington, MA 02421

Signature: _____

Date: _____



5/2/2017

WITNESSED BY,
Name:
(Printed) _____

Signature: _____

Date: _____

Name: Osama TARRAF
Address: 6237 Wilson Boulevard, Unit 101
Falls Church, VA 22044

Signature: _____

Date: _____

WITNESSED BY,
Name:
(Printed) _____

Signature: _____

Date: _____

Name: Prouz ZARRINKHAT
Address: 2050 Latham Street, Apt. 30
Mountain View, CA 94040

Signature: _____

Date: _____

WITNESSED BY,
Name:
(Printed) _____

Signature: _____

Date: _____

Name: Deepak DAS
Address: 11 Rockville Avenue
Lexington, MA 02421

WITNESSED BY,
Name:
(Printed)

Signature: _____

Signature: _____

Date: _____

Date: _____

Name: Osama TARRAF
Address: 6237 Wilson Boulevard, Unit 101
Falls Church, VA 22044

WITNESSED BY,
Name:
(Printed)

Signature: Osama Tarraf

Signature: Mo Ghorbanzadeh

Date: 4/25/2017

Date: 4/25/2017

Name: Pirouz ZARRINKHAT
Address: 2050 Latham Street, Apt. 30
Mountain View, CA 94040

WITNESSED BY,
Name:
(Printed)

Signature: _____

Signature: _____

Date: _____

Date: _____

Name: Deepak DAS
Address: 11 Rockville Avenue
Lexington, MA 02421

WITNESSED BY,
Name:
(Printed)

Signature: _____

Signature: _____

Date: _____

Date: _____

Name: Osama TARRAF
Address: 6237 Wilson Boulevard, Unit 101
Falls Church, VA 22044

WITNESSED BY,
Name:
(Printed)

Signature: _____

Signature: _____

Date: _____

Date: _____

Name: Pirouz ZARRINKHAT
Address: 2050 Latham Street, Apt. 30
Mountain View, CA 94040

WITNESSED BY,
Name:
(Printed)

Signature: P. Zarrinkhat

Signature: _____

Date: April 25th, 2017

Date: _____