506521324 02/24/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6568099

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ABDULRAUF HAFEEZ	02/11/2021
MAULIK V. VAIDYA	02/09/2021

RECEIVING PARTY DATA

Name:	CHARTER COMMUNICATIONS OPERATING, LLC
Street Address:	12405 POWERSCOURT DRIVE
City:	ST. LOUIS
State/Country:	MISSOURI
Postal Code:	63131

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17168681

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 978 764-7583

Email: docket@armisiplaw.com

Correspondent Name: ARMIS INTELLECTUAL PROPERTY LAW, LLC

Address Line 1: P.O. BOX 1564

Address Line 4: WESTBOROUGH, MASSACHUSETTS 01581

ATTORNEY DOCKET NUMBER:	CHTR-2021-6
NAME OF SUBMITTER:	PAUL P. KRIZ
SIGNATURE:	/Paul P. Kriz/
DATE SIGNED:	02/24/2021

Total Attachments: 3

source=CHTR-2021-6_Assignment#page1.tif source=CHTR-2021-6_Assignment#page2.tif source=CHTR-2021-6_Assignment#page3.tif

PATENT 506521324 REEL: 055389 FRAME: 0420

Attorney Docket No.: CHTR-2021-6

Joint

-1-

ASSIGNMENT

WHEREAS, we, Abdulrauf Hafeez and Maulik V. Vaidya, have invented a certain improvement in SPECTRUM USAGE PROTECTION IN A SHARED WIRELESS NETWORK described in an application for Letters Patent of the United States, the specification of which:

[]	_	uted on even date he Patent Office;	erewith and is about to be filed in the
[X]	was filed on 17/168,681	February 5, 2021	as U.S. Application No.

WHEREAS, Charter Communications Operating, LLC, a Delaware limited liability company, having a principal place of business at 12405 Powerscourt Drive, St. Louis, MO, 63131, ASSIGNEE, desires to acquire an interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the

PATENT REEL: 055389 FRAME: 0421

Attorney Docket No.: CHTR-2021-6

Joint

- 2 -

aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and the date set forth below.

2/11/2021 Date:	abdurauf stafes D292F2C640774A5
	Inventor's Signature
Full Name of Inventor:	Abdulrauf Hafeez
Residence:	1009 Kennicott Ave Cary, NC 27513 United States
Mailing Address:	Same as above

RECORDED: 02/24/2021

Attorney Docket No.: CHTR-2021-6

Joint

- 3 -

2/9/2021 Date:	Maulik Vaidya 88395DB7F2E9456
	Inventor's Signature
Full Name of Inventor:	Maulik V. Vaidya
Residence:	37829 Magnolia Ln. Palmdale, CA 93551 United States
Mailing Address:	Same as above

PATENT REEL: 055389 FRAME: 0423