PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT	
EFFECTIVE DATE:	12/15/2016	

CONVEYING PARTY DATA

Name	Execution Date
SASSAN AHMADI	10/03/2019

RECEIVING PARTY DATA

Name:	AIRVANA LP
Street Address:	19 ALPHA ROAD
City:	CHELMSFORD
State/Country:	MASSACHUSETTS
Postal Code:	01824

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16692860

CORRESPONDENCE DATA

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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.

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Address Line 4: MINNEAPOLIS, MINNESOTA 55435

ATTORNEY DOCKET NUMBER:	1608/100.1653US03	
NAME OF SUBMITTER:	EMILY J. RELLER	
SIGNATURE:	/Emily J. Reller/	
DATE SIGNED:	12/23/2019	

Total Attachments: 3

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PATENT REEL: 051354 FRAME: 0927 505834768

Atty. Docket No.: 1608/100.1653US01

ASSIGNMENT

I, the undersigned, have invented certain inventions and improvements disclosed in an international patent application entitled

"RADIO ACCESS NETWORKS IN WHICH MOBILE DEVICES IN THE SAME COMMUNICATION CELL CAN BE SCHEDULED TO USE THE SAME AIRLINK RESOURCE"

filed with the United States Patent and Trademark Office on June 9, 2015

and assigned U.S. Application No. 14/734,311(hereinafter "Application") which claims the benefit of U.S. Provisional Patent Application No. 62/051,212 filed with the United States Patent and Trademark Office on September 16, 2014 and U.S. Provisional Patent Application No. 62/009,653 filed June 9, 2014.

This assignment is effective nunc pro tune as of December 15, 2016. For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of is acknowledged, Assignor:

- 1. Assigns, transfers, conveys, and sells to Airvana LP, a corporation having a principal place of business at 19 Alpha Road, Chelmsford, MA 01824, USA ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent applications, the right to claim priority to the above-referenced patent applications, all applications based in whole or in part upon the above-referenced patent applications, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent applications;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

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- (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
- 5. Promise and affirm that Assignor has not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

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AGREED TO BY:

Dated: 10/3/2019

Sassan Ahmadi

PATENT REEL: 051354 FRAME: 0930

RECORDED: 12/23/2019