

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5881690

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARTHUR J. BARABELL	12/16/2016
VEDAT EYUBOGLU	12/22/2016
BALAJI RAGHOTHAMAN	12/22/2016
NAGI JAYARAMAN MAHALINGAM	12/16/2016
STUART D. SANDBERG	12/16/2016
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	
Fax Number:	(952)465-0771
<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>	
Email:	docketing@fogglaw.com
Correspondent Name:	FOGG & POWERS LLC
Address Line 1:	4600 W 77TH STREET
Address Line 2:	SUITE 305
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: 6	
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ASSIGNMENT

WHEREAS, we, Arthur J. Barabell residing at 11 Hayden Circle, Sudbury, MA 01776, US; Vedat Eyuboglu residing at 5 Doublet Hill Road, Weston, MA 02493, US; Nagi Jayaraman Mahalingam residing at 13 Hawthorne Road, Windham, NH 03087, US; and Balaji Raghothaman residing at 3933 Powell Road, Chester Springs, PA 19425, US; and Stuart D. Sandberg residing at 49 Meyer Hill Drive, Acton, MA, 01720, US; made certain new and useful inventions and improvements for which an application for Letters Patent of the United States was filed on Jun 9, 2015 and assigned U.S. Serial No. 14/734,311, entitled RADIO ACCESS NETWORKS (the "Application").

AND WHEREAS, Airvana LP, a corporation having an office and place of business at 19 Alpha Road, Chelmsford, MA 01824, USA, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the inventions, improvements and the Application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the Application, and in and to the Application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration identified above, we do agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to the Assignee, its successors and representatives all facts known to us relating to the improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in the Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with the Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 15 day of December,
2016 (year).

Arthur J. Barabell
Arthur J. Barabell

STATE of Massachusetts
COUNTY of Middlesex)ss.

On this 16th day of December, 2016 (year), before me personally appeared Arthur Barabell to me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Maryanne V. Cleary
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
____ (year).

Vedat Eyuboglu

STATE of _____)
____)ss.
COUNTY of _____)

On this ____ day of _____, ____ (year), before me personally appeared _____ to me known to be the person described herein and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____,
_____(year).

Nagi Jayaraman Mahalingam

STATE of _____)
_____)ss.
COUNTY of _____)

On this _____ day of _____, 2014, before me personally appeared _____
_____ to me known to be the person described herein and who executed the foregoing instrument, and he duly
acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 22nd day of December
2016 (year).

Balaji Raghothaman
Balaji Raghothaman

STATE of Massachusetts)
_____)ss.
COUNTY of Middlesex)

On this 22nd day of December, 2016 (year), before me personally appeared Balaji Raghothaman
_____ to me known to be the person described herein and who executed the foregoing instrument, and he duly
acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Maryanne V. Cleary
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of DECEMBER,
2016 (year).

Nagi Jayaraman Mahalingam
Nagi Jayaraman Mahalingam

STATE of Massachusetts
COUNTY of Middlesex ss.

On this 16th day of December, 2016, before me personally appeared Nagi Mahalingam
to me known to be the person described herein and who executed the foregoing instrument, and he duly
acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Maryanne V. Cleary
Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this ____ day of _____,
____ (year).

Balaji Raghothaman

STATE of _____)
____)ss.
COUNTY of _____)

On this ____ day of _____, ____ (year), before me personally appeared _____
to me known to be the person described herein and who executed the foregoing instrument, and he duly
acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

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.....(year).

}ss.

COUNTY of Madison

Stuart D. Sandberg

On this 16th day of December, 2014 (year), before me personally appeared Stuart Sewlberg
to me known to be the person described herein and who executed the foregoing instrument, and he duly
acknowledged to me that he executed the same for the uses and purposes therein set forth.

[SEAL]



Notary Public

RECORDED: 12/23/2019

PATENT
REEL: 051354 FRAME: 0882