

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shi Baw Ch`ng	12/18/2007
Pierre A. Humblet	12/17/2007
Amit Mate	12/19/2007
Woojune Kim	12/20/2007
Douglas Norman Knisely	12/19/2007
RECEIVING PARTY DATA	
Name:	Airvana, Inc.
Street Address:	19 Alpha Road
City:	Chelmsford
State/Country:	MASSACHUSETTS
Postal Code:	01824
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11962734
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(617) 521-7012
Email:	jfranco@fr.com
Correspondent Name:	Cynthia L. Caramana
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	12144-065001
NAME OF SUBMITTER:	Jennifer Franco

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REEL: 020469 FRAME: 0375

Total Attachments: 6

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ASSIGNMENT

For valuable consideration, we, Shi Baw Ch'ng, of 36 Rio Vista Street North Billerica, MA 01862; Pierre A. Humblet, of 13 Bigelow Street, Cambridge, MA 02139; Amit Mate, of 225 Littleton Rd, #30-305, Chelmsford, MA 01824; Woojune Kim, of 22 Fisher Road, Arlington, MA, 02476; Douglas Norman Knisely, of 2313 Appleby Ct., Wheaton, IL 60187; hereby assign to: AIRVANA, INC., a corporation of Massachusetts, having a place of business at:

19 Alpha Road
Chelmsford, MA 01824,

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PROVIDING ZONE INDICATIONS FOR WIRELESS NETWORKING, filed on December 21, 2007, and assigned U.S. Serial Number 11/962,734, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 2017-Dec-18

Shi Baw Ch'ng
SHI BAW CH'NG

STATE OF Massachusetts)
COUNTY OF Middlesex) SS.

On 12/18/07, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared SHI BAW CH'NG personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Rob. Christos
Notary Public

DATE: Dec 17, 2007

Pierre A. Humblet
PIERRE A. HUMBLET

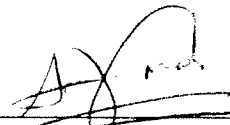
STATE OF Massachusetts,
COUNTY OF Middlesex) SS.

On 12/17/07, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared PIERRE A. HUMBLET personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

John Chastor
Notary Public

DATE: 12/19/07




AMIT MATE

STATE OF MASSACHUSETTS
COUNTY OF MIDDLESEX) SS.

On 12/19/07, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared AMIT MATE personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



Notary Public

DATE: 12/20/07




WOOJUNE KIM

STATE OF Massachusetts)
COUNTY OF Middlesex) SS.

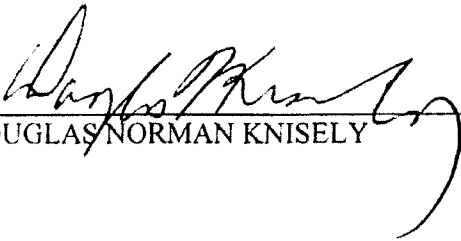
On 12/20/07, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared WOOJUNE KIM personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

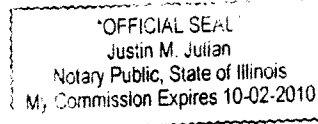


Notary Public

DATE: 12/19/2007



DOUGLAS NORMAN KNISELY

STATE OF Illinois)
COUNTY OF DuPage) SS.



On December 19, 2007, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared DOUGLAS NORMAN KNISELY personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



Notary Public

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