

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT  |                |                         |               |            |            |                    |               |              |            |               |            |  |
|---|-----------------|----------------|-------------------------|---------------|------------|------------|--------------------|---------------|--------------|------------|---------------|------------|--|
| NATURE OF CONVEYANCE:   | ASSIGNMENT      |                |                         |               |            |            |                    |               |              |            |               |            |  |
| CONVEYING PARTY DATA  |                 |                |                         |               |            |            |                    |               |              |            |               |            |  |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Sundaram M. Rajagopalan</td><td>01/14/2009</td></tr><tr><td>Deepak Das</td><td>01/14/2009</td></tr><tr><td>Balaji Raghothaman</td><td>01/14/2009</td></tr><tr><td>Woojune Kim</td><td>01/14/2009</td></tr><tr><td>Steve Kohalmi</td><td>01/14/2009</td></tr></tbody></table> | Name            | Execution Date | Sundaram M. Rajagopalan | 01/14/2009    | Deepak Das | 01/14/2009 | Balaji Raghothaman | 01/14/2009    | Woojune Kim  | 01/14/2009 | Steve Kohalmi | 01/14/2009 |  |
| Name  | Execution Date  |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Sundaram M. Rajagopalan   | 01/14/2009      |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Deepak Das  | 01/14/2009      |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Balaji Raghothaman  | 01/14/2009      |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Woojune Kim   | 01/14/2009      |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Steve Kohalmi   | 01/14/2009      |                |                         |               |            |            |                    |               |              |            |               |            |  |
| RECEIVING PARTY DATA  |                 |                |                         |               |            |            |                    |               |              |            |               |            |  |
| <table border="1"><tr><td>Name:</td><td>Airvana, Inc.</td></tr><tr><td>Street Address:</td><td>19 Alpha Road</td></tr><tr><td>City:</td><td>Chelmsford</td></tr><tr><td>State/Country:</td><td>MASSACHUSETTS</td></tr><tr><td>Postal Code:</td><td>01824</td></tr></table>  | Name:           | Airvana, Inc.  | Street Address:         | 19 Alpha Road | City:      | Chelmsford | State/Country:     | MASSACHUSETTS | Postal Code: | 01824      |               |            |  |
| Name:   | Airvana, Inc.   |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Street Address:   | 19 Alpha Road   |                |                         |               |            |            |                    |               |              |            |               |            |  |
| City:   | Chelmsford      |                |                         |               |            |            |                    |               |              |            |               |            |  |
| State/Country:  | MASSACHUSETTS   |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Postal Code:  | 01824           |                |                         |               |            |            |                    |               |              |            |               |            |  |
| PROPERTY NUMBERS Total: 1   |                 |                |                         |               |            |            |                    |               |              |            |               |            |  |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12347511</td></tr></tbody></table>  | Property Type   | Number         | Application Number:     | 12347511      |            |            |                    |               |              |            |               |            |  |
| Property Type   | Number          |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Application Number:   | 12347511        |                |                         |               |            |            |                    |               |              |            |               |            |  |
| CORRESPONDENCE DATA   |                 |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Fax Number: (877)769-7945<br><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |                 |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Phone: 617-542-5070   |                 |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Email: jfranco@fr.com   |                 |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Correspondent Name: Nicholas A. Bero  |                 |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Address Line 1: FISH & RICHARDSON P.C.  |                 |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Address Line 2: P.O.BOX 1022  |                 |                |                         |               |            |            |                    |               |              |            |               |            |  |
| Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022   |                 |                |                         |               |            |            |                    |               |              |            |               |            |  |
| ATTORNEY DOCKET NUMBER:   | 12144-0087001   |                |                         |               |            |            |                    |               |              |            |               |            |  |
| NAME OF SUBMITTER:  | Jennifer Franco |                |                         |               |            |            |                    |               |              |            |               |            |  |

CH \$40.00 12347511

500764883

PATENT  
REEL: 022164 FRAME: 0172

**Total Attachments: 6**

source=0087assign#page1.tif

source=0087assign#page2.tif

source=0087assign#page3.tif

source=0087assign#page4.tif

source=0087assign#page5.tif

source=0087assign#page6.tif

ASSIGNMENT

For valuable consideration, we, Sundaram M. Rajagopalan, of 19 B Ashland Street, Medford, MA 02155; Deepak Das, of 64 Chandler Street, Arlington, MA 02474; Balaji Raghothaman, of 109 Richardson Rd., Hollis, NH 03049; Woojune Kim, of 22 Fisher Road, Arlington, MA 02476; Steve Kohalmi, of 181 Auburn St., Newton, MA 02466; 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 GEOGRAPHY AWARE PEER-TO-PEER OVERLAY CREATION, filed December 31, 2008, and assigned U.S. Serial Number 12/347,511, 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.

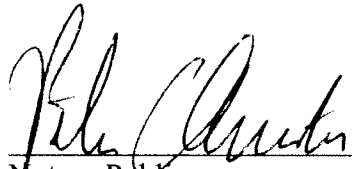
DATE: 01/14/2009

  
SUNDARAM M. RAJAGOPALAN


STATE OF Massachusetts )  
COUNTY OF Middlesex ) SS.

On 1/14/09, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared SUNDARAM M. RAJAGOPALAN 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

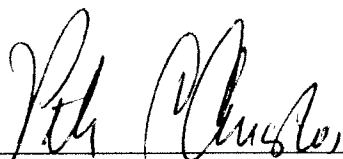
DATE: 01/14/2009

  
DEEPAK DAS


STATE OF Massachusetts  
COUNTY OF Middlesex ) SS.

On 1/14/09, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared DEEPAK DAS 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

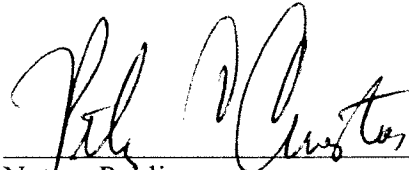
DATE: 1/14/2009

  
BALAJI RAGHOTHAMAN

STATE OF Massachusetts )  
 ) SS.

On 1/17/09, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared BALAJI RAGHOTHAMAN 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: 1/14/09

Woojune Kim  
WOOJUNE KIM

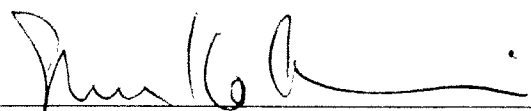
STATE OF Massachusetts )  
COUNTY OF Middlesex ) SS.

On 1/14/09, 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.

[Signature]  
Notary Public

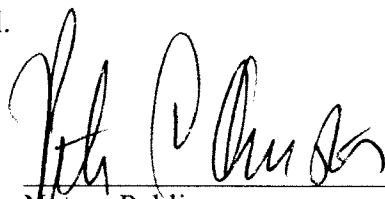
DATE: 1/14/09

  
STEVE KOHALMI

STATE OF Massachusetts )  
COUNTY OF Norfolk ) SS.

On 1/14/09, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared STEVE KOHALMI 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

22106571.doc