

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT             |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                 |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                            |                       |
|                                                                                                                                                                                                 | <b>Name</b>                | <b>Execution Date</b> |
|                                                                                                                                                                                                 | RAVINDRA JN RAO            | 01/19/2016            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                            |                       |
| <b>Name:</b>                                                                                                                                                                                    | EQUINIX, INC.              |                       |
| <b>Street Address:</b>                                                                                                                                                                          | ONE LAGOON DRIVE           |                       |
| <b>City:</b>                                                                                                                                                                                    | REDWOOD CITY               |                       |
| <b>State/Country:</b>                                                                                                                                                                           | CALIFORNIA                 |                       |
| <b>Postal Code:</b>                                                                                                                                                                             | 94065                      |                       |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                            |                       |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>              |                       |
| <b>Application Number:</b>                                                                                                                                                                      | 15001919                   |                       |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                            |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (651)735-1100              |                       |
| <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> |                            |                       |
| <b>Phone:</b>                                                                                                                                                                                   | 651-735-1100               |                       |
| <b>Email:</b>                                                                                                                                                                                   | pairdocketing@ssiplaw.com  |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | SHUMAKER & SIEFFERT, P. A. |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | 1625 RADIO DRIVE           |                       |
| <b>Address Line 2:</b>                                                                                                                                                                          | SUITE 300                  |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | WOODBURY, MINNESOTA 55125  |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 1209-011US01               |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | JULIA A. EHRREICH          |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Julia A. Ehrreich/        |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 01/20/2016                 |                       |
| <b>Total Attachments: 1</b>                                                                                                                                                                     |                            |                       |
| source=Assignment#page1.tif                                                                                                                                                                     |                            |                       |

ASSIGNMENT

For valuable consideration, we, Ravindra JN Rao of 185 Cypress Avenue, Santa Clara, CA 95050 US, hereby assign to: Equinix, Inc., having a place of business at: One Lagoon Drive, Redwood City, CA 94065, 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 the subject of an application for United States Patent signed by us, entitled SOFTWARE-CONTROLLED CLOUD EXCHANGE, filed January 20, 2016, and assigned U.S. Serial Number 15/001,919; this assignment including said application, (and do hereby authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), U.S. Provisional Application No. 62/160,547 filed May 12, 2015, any additional provisional, non-provisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, 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: Jan 19, 2016

  
RAVINDRA RAO (Jan 19, 2016)

Ravindra JN Rao