

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4981598

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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>                      |
| JEFFREY CARL DEFILIPPI  | 12/17/2013                                 |
| DAVID JAMES BORLAND   | 12/17/2013                                 |
| STEPHAN LEONIDAS BEATTY   | 12/13/2013                                 |
| EDWARD D. GEIST   | 12/17/2013                                 |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | CALXEDA, INC.                              |
| <b>Street Address:</b>  | 7000 NORTH MOPAC EXPRESSWAY                |
| <b>Internal Address:</b>  | SUITE 250                                  |
| <b>City:</b>  | AUSTIN                                     |
| <b>State/Country:</b>   | TEXAS                                      |
| <b>Postal Code:</b>   | 78731                                      |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                              |
| <b>Application Number:</b>  | 14054815                                   |
| <b>CORRESPONDENCE DATA</b>  |  |
| <b>Fax Number:</b>  | (425)679-0580                              |
| <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>Email:</b>   | ivrecording@intven.com                     |
| <b>Correspondent Name:</b>  | INTELLECTUAL VENTURES MANAGEMENT- IP LEGAL |
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| <b>Address Line 2:</b>  | BUILDING 4, FLOOR 3                        |
| <b>Address Line 4:</b>  | BELLEVUE, WASHINGTON 98005                 |
| <b>NAME OF SUBMITTER:</b>   | JANICE L. GOEBEL                           |
| <b>SIGNATURE:</b>   | /Janice L. Goebel/                         |
| <b>DATE SIGNED:</b>   | 05/29/2018                                 |
| <b>Total Attachments: 2</b>   |  |
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| source=14-054815 ASN 201312171312 6-26-14#page2.tif   |  |

Please return signed/Recorded to:  
 Davis Miles McGuire Gardner, PLLC  
 7000 N. Mopac Expressway  
 2<sup>nd</sup> Floor  
 Austin, TX 78731

**ASSIGNMENT OF U.S. PATENT APPLICATION**  
**(sole or joint inventor(s))**

WHEREAS, the undersigned, to wit:

- 1) Walter Denton Scott
- 2) Jeffrey Carl Defilippi
- 3) David James Borland
- 4) Stephan Leonidas Beatty
- 5) Edward D. Geist

\_\_\_\_\_ (X box if continued on page 4)  
 (hereinafter ASSIGNOR), has made application for United States Letters Patent

- X one:(a) \_\_\_\_\_ which was executed and is being filed herewith in the United States Patent and Trademark Office, titled \_\_\_\_\_
- (b) \_\_\_\_\_ which was issued on \_\_\_\_\_ and known as U.S. Patent No. \_\_\_\_\_; which was filed \_\_\_\_\_ and titled \_\_\_\_\_ and known as United States Appln. No. \_\_\_\_\_; filed \_\_\_\_\_.
- (c) X \_\_\_\_\_ **which was filed on October 15, 2013 and known as Appln. No. 14/054815, titled Airflow Ducting Apparatus For Data Processing Systems.**

AND WHEREAS, **CALXEDA, INC.** (hereinafter ASSIGNEE), a corporation organized and existing under the laws of Delaware, and having its principal place of business at **7000 North Mopac Expressway, Suite 250, Austin, Texas 78731**, is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives its entire right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as ASSIGNOR's interest is concerned, to the said ASSIGNEE of ASSIGNOR's entire right, title and interest.

ASSIGNOR also hereby sells and assigns to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own

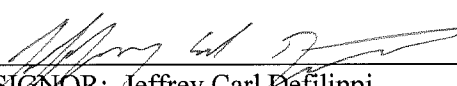
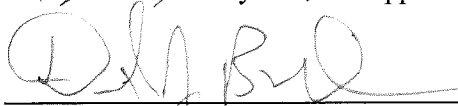

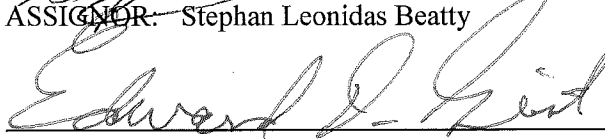
name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR hereby further agrees to communicate with said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

ASSIGNOR hereby grant(s) the firm of DAVIS MILES McGUIRE GARDNER, PLLC its agents the power to insert on this assignment any further identification, including but not limited to application number(s) and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark office for the purposes of recording this document.

Executed on the date(s) below indicated:

- |    |  |            |
|----|--|------------|
| 1) | _____  | _____      |
|    | ASSIGNOR: Walter Denton Scott  | Date       |
| 2) | <br>_____ | 12/17/2013 |
|    | ASSIGNOR: Jeffrey Carl Defilippi   | Date       |
| 3) | <br>_____ | 12/17/2013 |
|    | ASSIGNOR: David James Borland  | Date       |
| 4) | <br>_____ | 12/18/2013 |
|    | ASSIGNOR: Stephan Leonidas Beatty  | Date       |
| 5) | <br>_____ | 12/17/2013 |
|    | ASSIGNOR: Edward D. Geist  | Date       |