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| PATENT ASSIGNMENT COVER SHEET |
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Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5489964

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| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the ASSIGNEE'S NAME previously recorded on Reel 029404 Frame 0940. Assignor(s) hereby confirms the CORRECTION OF ASSIGNEE FROM "REDPINE SIGNALS CORPORATION" TO "REDPINE SIGNALS, INC". |
| RESUBMIT DOCUMENT ID: | 505226619 |

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------|----------------|
| KARTHIK VAIDYANATHAN | 08/29/2007 |
| PARTHA SARATHY MURALI | 08/29/2007 |

RECEIVING PARTY DATA

| | |
|--------------------------|-----------------------|
| Name: | REDPINE SIGNALS, INC. |
| Street Address: | 2107 N. 1ST ST. |
| Internal Address: | SUITE 540 |
| City: | SAN JOSE |
| State/Country: | CALIFORNIA |
| Postal Code: | 95131 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|----------------------------|----------|
| Application Number: | 13286953 |

CORRESPONDENCE DATA

Fax Number: (650)494-3835
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.

Phone: 6506195270
Email: jay@file-ee-patents.com
Correspondent Name: JAY A. CHESA VAGE
Address Line 1: 3833 MIDDLEFIELD RD.
Address Line 4: PALO ALTO, CALIFORNIA 94303

| | |
|--------------------------------|---------------------------|
| ATTORNEY DOCKET NUMBER: | PAT-164_CORR_REQ_INITIALS |
| NAME OF SUBMITTER: | JAY A. CHESA VAGE |
| SIGNATURE: | /JAY A. CHESA VAGE/ |
| DATE SIGNED: | 04/24/2019 |
| Total Attachments: 4 | |

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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>Karthik VAIDYANATHAN</td> <td>08/29/2007</td> </tr> <tr> <td>Parthia Sarathy MURALI</td> <td>08/29/2007</td> </tr> </tbody> </table> | | Name | Execution Date | Karthik VAIDYANATHAN | 08/29/2007 | Parthia Sarathy MURALI | 08/29/2007 | | | | |
| Name | Execution Date | | | | | | | | | | |
| Karthik VAIDYANATHAN | 08/29/2007 | | | | | | | | | | |
| Parthia Sarathy MURALI | 08/29/2007 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>Redpine Signals Corporation Redpine Signals, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>2107 N. First St.</td> </tr> <tr> <td>City:</td> <td>San Jose</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95131</td> </tr> </table> | | Name: | Redpine Signals Corporation Redpine Signals, Inc. | Street Address: | 2107 N. First St. | City: | San Jose | State/Country: | CALIFORNIA | Postal Code: | 95131 |
| Name: | Redpine Signals Corporation Redpine Signals, Inc. | | | | | | | | | | |
| Street Address: | 2107 N. First St. | | | | | | | | | | |
| City: | San Jose | | | | | | | | | | |
| State/Country: | CALIFORNIA | | | | | | | | | | |
| Postal Code: | 95131 | | | | | | | | | | |
| 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>13285953</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13285953 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13285953 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: | 6504943835 | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | |
| Phone: | 6506195270 | | | | | | | | | | |
| Email: | patents@chesavage.com | | | | | | | | | | |
| Correspondent Name: | Jay Chesavage | | | | | | | | | | |
| Address Line 1: | 3833 Middlefield Rd. | | | | | | | | | | |
| Address Line 4: | Palo Alto, CALIFORNIA 94303 | | | | | | | | | | |
| NAME OF SUBMITTER: | Jay A. Chesavage | | | | | | | | | | |
| Total Attachments: 3 source=red_23_assn_1_a#page1.tif source=red_23_assn_1_a#page2.tif source=red_23_assn_1_a#page3.tif | | | | | | | | | | | |

OP \$40.00 13285953

ASSIGNMENT UNDER 37 CFR 3.51

Whereas the undersigned

- 1) Kartik Vardagathan
- 2) Parthi Suresh Murali

(hereinafter termed "Inventor"), resident of

- 1) City of Bangalore, Country of India
- 2) City of Hyderabad, Country of India

has invented certain new and useful improvements in

PAT-164

"Analog to Digital Converter β With and Gain Controller for a Wireless Receiver" s/n 13/286,953

and has executed concurrently herewith an application for a United States patent disclosing and identifying the invention and

Redpine Signals, Inc.

WHEREAS, Redpine Signals, Inc., a corporation of the state of California, having a place of business at

2107 N. 1st St
Suite 680
San Jose, Ca 95131

Am
4/23/2019

(hereinafter termed "Assignee"), is desirous of acquiring the entire right, title, and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention heretofore conceived, made or discovered by said inventor (all collectively hereinafter termed "said invention"), and in and to any and all present, inventor's certificates, and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee:

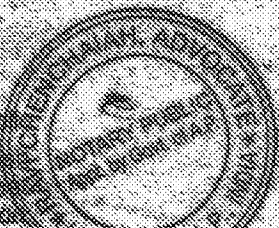
1. Said Inventor hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest (a) in and to said application and said invention, (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise, (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any applications which is a division, continuation or modification of any of said applications, and (d) in and to each and every claim or extension of any of said patents.

2. Said Inventor hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor shall include, among other things, providing, executing, signing, and attesting to documents, giving of testimony, execution of affidavits, oaths, declarations or other papers, and other acts and things which may be necessary or desirable by said Assignee (a) in perfecting in said Assignee the right, title and interest herein conveyed, (b) for prosecuting any of said applications, (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention, (d) for filing and prosecuting applications for continuance of any of said patents, (e) for interference or other priority proceedings involving said invention, and (f) for legal proceedings involving said invention and any applications therefor and any patents granted hereon, including without limitation opposition proceedings, cancellation proceedings, priority claims, public law proceedings, infringement actions and court actions provided, however, that the expense incurred by said Inventor in providing such cooperation shall be paid for by said Assignee.

ATTESTED

Ravi Chandrasekhar

Assignment under 37 CFR 3.51
Ravi Chandrasekhar, Notary Public
Appointed By Govt. of Andhra Pradesh
Shop 15, Huda Mahanagar, Amaravati
Tirumalacheruvu, NTRCA, Hyderabad



I have reviewed the Original Document & attest that this is a true & exact copy of the original

Ravi Chandrasekhar
Appointed By Govt. of Andhra Pradesh

PATENT

REEL: 02940 PATENT: 0941

REEL: 048981 FRAME: 0987

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representative, and shall be binding upon said Inventor, their respective heirs, legal representatives and assigns.

4. Said Inventor hereby warrants and represents that he has not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this

29th day of July, 2007

(1) [Signature]
(Inventor)

State of Andhra Pradesh

County of INDIA

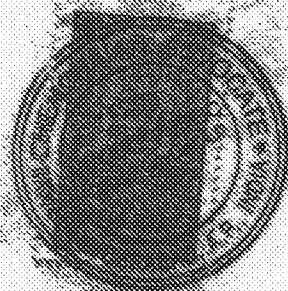
On this 29th day of July, in the year 2007, before me the undersigned Notary Public, personally appeared

(1) [Signature]
Known to me

Proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument. Witness my hand and official seal.

ATTESTED

[Signature]
(Notary Public)



Ravi Chenchiah, Notary Public
Appointed By Govt. of Andhra Pradesh
Shop 11, Huda Mallivanam, Ameeipet
HYDERABAD, INDIA. My Commission
EXPIRES ON 26th June 2012

30 AUG 2007

IN WITNESS WHEREOF, the said investor has executed and delivered this instrument to said Assignee this

29 day of August, 2007

(2) [Signature]
(Investor)

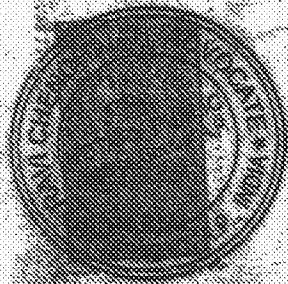
State of Andhra Pradesh

County of India

On this 29 day of August, in the year 2007, before me the undersigned Notary Public, personally appeared

(2) [Signature]
Known to me

Proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or the entity upon behalf of which the person acted, executed the instrument. Witness my hand and official seal.



ATTESTED

[Signature]

Ravi Chenchiah, Notary Public
Appointed By Govt. of Andhra Pradesh
Shop 11, Huda Mathanam, Ameerpet
HYDERABAD, INDIA. My Commission
EXPIRES ON 26th June 2013

30 AUG 2007