## 505245413 12/19/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5292192

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
PARTHA SARATHY MURALI	12/13/2018
VENKAT MATTELA	12/18/2018
SUBBA REDDY KALLAM	12/13/2018
SRIRAM MUDULODU	01/10/2018
SURYANARAYANA VARMA NALLAPARAJU	01/10/2018
LOGESHWARAN VIJAYAN	01/10/2018

## **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: 2**

Property Type	Number
Application Number:	62599596
Application Number:	16221325

## **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@chesavage.com **Correspondent Name:** JAY CHESAVAGE

Address Line 1: 3833 MIDDLEFIELD RD.

Address Line 4: PALO ALTO, CALIFORNIA 94303

ATTORNEY DOCKET NUMBER:	PAT-229_PAT-229PROV
NAME OF SUBMITTER:	JAY A. CHESAVAGE
SIGNATURE:	/Jay A. Chesavage/

PATENT REEL: 047819 FRAME: 0088

DATE SIGNED:	12/19/2018	
Total Attachments: 6		
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PATENT REEL: 047819 FRAME: 0089

### ASSIGNMENT UNDER 37 CFR 3.31

Whereas, the undersigned

1) Partha Sarathy MURALI

~ 2) Venkat MATTELA

3) Subba Reddy KALLAM

(hereinafter termed "Inventor"), resident of

1) Sunnyvale, CA

2) San Jose, ĆA

3) Sunnyvale, CA

has invented certain new and useful improvements in

"Wireless Receiver with Field Capture for Beacon Frames"

16/221,325

PAT-229-prov s/n 62/599,596

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

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

2107 N. 1st St. Suite 540 San Jose, Ca. 95131

(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 patents, 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 does 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 application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.
- 2. Said Inventor hereby jointly and severally covenant and agrees 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 prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for 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 reissuance 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 thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use 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.
- 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.

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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.

The notary public or other officer completing this notarization verifies only the identify of the individual who signed this document, and not the truthfulness, accuracy, or validity of this document IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this be/, in the year  $\frac{\partial C}{\partial S}$ , before me the undersigned Notary Public. personally appeared who 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. I certify under PENALTY OF PERJURY under the laws of California that the foregoing paragraph is true and correct. Witness my hand and official seal. FRANK MATTHEW DIAS Notary Public – California (Notary Public) Santa Clara County Commission # 2187614 My Comm. Expires Mar 23, 2021 The notary public or other officer completing this notarization verifies only the identify of the individual who signed this document, and not the truthfulness, accuracy, or validity of this document IN WITNESS WHEREOF, the said inventor has executed and delivered this instrument to said Assignee this , in the year  $\frac{20}{8}$ , before me the undersigned Notary Public, who 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. I certify under PENALTY OF PERJURY under the laws of California that the foregoing paragraph is true and

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correct. Witness my hand and official seal.

FRANK MATTHEW DIAS Notary Public – California Santa Clara County Commission # 2187614 My Comm. Expires Mar 23, 2021

Commission # 2187614 My Comm. Expires Mar 23, 2021

#### ASSIGNMENT UNDER 37 CFR 3.31

### Whereas, the undersigned

- 1) Sriram MUDULODU
- 2) Partha Sarathy MURALI
- SuryaNarayana Varma NALLAPARAJU
- 4) Logeshwaran VIJAYAN
- 5) Subba Reddy KALLAM
- 6) Venkat MATTELA

(hereinafter termed "Inventor"), resident of

- 1) Hyderabad, Telangana, IN
- 2) Sunnyvale, California, US
- 3) Vizianagaram, Andhra Pradesh, IN
- 4) Hyderabad, Telangana, IN
- 5) Sumyvale, California, US
- San Jose, California, US

has invented certain new and useful improvements in

s/n 16/221,325

"Wireless Receiver with Field Capture for Beacon Frames" 5/n 62/599,396 (PAT-229)

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

Redpine Signals, Inc.

WHEREAS, Respine Signals Corporation, a corporation of the state of California, having a place of business at

2107 N. 1st St. Suite 540 San Jose, Ca. 95131

(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 patents, 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 does 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 application which is a division, substitution, or continuation of any of said applications; and (d) in and to each and every reissue or extension of any of said patents.
- 2. Said Inventor hereby jointly and severally covenant and agrees 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 prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for 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 an adjusting applications covering said invention; (d) for filing and prosecuting

Assignment under 37 CFR

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PATENT REEL: 047819 FRAME: 0093 applications for reissuance 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 thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use 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.

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

The notary public or other officer completing this notarization verifies only the identify of the individual who signed this document, and not the truthfulness, accuracy, or validity of this document

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

day of	omnumity annumum.
(ı) Visq	Mentor signature)
State of TOANAAN	Le County of India
On this <u>10<sup>25</sup></u> personally appeared	day of <u>Tanaking</u> , in the year <u>2018</u> , hefore me the undersigned Notary Public
(1 <u>) Logeshmeran</u>	<u>417A4fr/ (printed name)</u>

who 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.

I certify under PENALTY OF PERJURY under the laws of India that the foregoing paragraph is true and correct. Witness my hand and official seal.

***************************************	(Notary Public)	

Assignment under 37 CFR 3.31

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The notary public or other officer completing this notarization verifies only the identify of the individual who signed this document, and not the truthfulness, accuracy, or validity of this document

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

	day of,
(2)_	<u>Adallara</u>
	(Inventor signature)
State of Aki	<u> </u>
On personally a	this <u>10</u> day of <u>3850 ASV</u> , in the year <u>1018</u> , before me the undersigned Notary Public, speared

(2)<u>CuRYA NAFRAYANA VARWA (</u>printed name)

who 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.

WALLAPARAGU

I certify under PENALTY OF PERJURY under the laws of the state of California that the foregoing paragraph is true and correct. Witness my hand and official seal.

 (Notary Public)

The notary public or other officer completing this notarization verifies only the identify of the individual who signed this document, and not the truthfulness, accuracy, or validity of this document

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

da	y of	
(3)	Sanan	Ja mod inhandrin
		(Inventor signature)

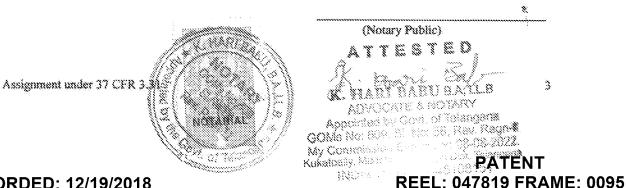
State of TELANGANA County of 100/0/A

 $\underline{T_{AAAAAAA}}$  , in the year  $\underline{2018}$ , before me the undersigned Notary Public, personally appeared

MVDVLODU (printed name)

who 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.

I certify under PENALTY OF PERJURY under the laws of India that the foregoing paragraph is true and correct. Witness my hand and official seal.



**RECORDED: 12/19/2018**