PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5189127

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| MARK WAYNE GUSTAFSON | 10/12/2018 |
| CURTIS ALLEN KIRKEBY | 10/12/2018 |
| STEPHEN EDWARD SCHULTE | 10/11/2018 |

RECEIVING PARTY DATA

| Name: | AVISTA CORPORATION |
|-----------------|--------------------------|
| Street Address: | 1411 EAST MISSION AVENUE |
| City: | SPOKANE |
| State/Country: | WASHINGTON |
| Postal Code: | 99220 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16160807 |

CORRESPONDENCE DATA

Fax Number: (509)323-8979

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: 5093249256

Email: cherri@leehayes.com **Correspondent Name:** LEE & HAYES, PLLC Address Line 1: 601 WEST RIVERSIDE

Address Line 2: **SUITE 1400**

Address Line 4: SPOKANE, WASHINGTON 99201

| ATTORNEY DOCKET NUMBER: | A014-0033US |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | CHERRI A. SIMON |
| SIGNATURE: | /Cherri A. Simon/ |
| DATE SIGNED: | 10/15/2018 |

Total Attachments: 9

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| Title: | WIRELESS | BROADBAN | Ó MRTER | COLLAR | | | artis tikot a tisk attiviti | gent de nye die de dyske de dytte geben de trop in de die |

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Mark Wayne Gustafson c/o Avista Corporation 1411 East Mission Avenue Spokane WA 99220

Curtis Allen Kirkeby c/o Avista Corporation 1411 East Mission Avenue Spokane WA 99220

Stephen Edward Schulte c/o Avista Corporation 1411 East Mission Avenue Spokane WA 99220

Assignee: Avista Corporation 1411 East Mission Avenue Spokane WA 99220

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "WIRELESS BROADBAND METER COLLAR" for which:

| a provisica | ual application for United States | Letters Patent was filed on | anci |
|------------------------|------------------------------------|---------------------------------------|-------|
| was given U.S. Serial | Noand/or | | |
| Z a non-prov | isional application for United Sta | tates Letters Patent was: | |
| X | files : October 15, 2018 | and was given U.S. Serial | Na |
| 16/160,807 | _; or filed concurrently herewith | h. Assignors hereby authorize and req | uest |
| ASSKONEE's legal re | presentatives, of Lee & Hayes, | s, PC, 601 W Riverside Ave, Suite I | 4(X), |
| Spokane, Washingtor | 199201, who are associated with | h customer number 29150, to insert in | the |
| caption above the seri | ial number and filing date of the | patent application when known. | |

WHEREAS, Avista Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at 1411 East Mission Avenue, Spokane, WA, desires to acquire the entire right, title and interest in and to the invention and in and to any letters patent that may be granted in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOX(S) hereby sell, assign and transfer unto ASSIGNEE. the entire right, title and interest in and to said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and

request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(5) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent.

| 10/12/2013 | - 11/12-44== |
|------------|------------------------|
| Date | Mark Wayne Gustafson / |
| Dute | Curtis Allen Kirkeby |
| Date | Stephen Edward Schulte |

Page 3 of 3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| Serial Number |
|---|
| PATENT ASSIGNMENT |
| PARTIES TO THE ASSIGNMENT |
| Assignor(s): Mark Wayne Gustafson c/o Avista Corporation 1411 East Mission Avenue Spokane WA 99220 |
| Curtis Allen Kirkeby c/o Avista Corporation 1411 East Mission Avenue Spokane WA 99220 |
| Stephen Edward Schulte c/o Avista Corporation 1411 East Mission Avenue Spokane WA 99220 |
| Assignee: Avista Corporation 1411 East Mission Avenue Spokane WA 99220 |
| <u>AGREEMENT</u> |
| WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "WIRELESS BROADBAND METER COLLAR" for which: |
| a provisional application for United States Letters Patent was filed on |
| and was given U.S. Serial Noand/or |

☑ a non-provisional application for United States Letters Patent was:

and was given U.S. Serial No. 16/160,807; or filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal representatives, of Lee & Hayes, PC, 601 W Riverside Ave, Suite 1400, Spokane, Washington 99201, who are associated with customer number 29150, to insert in the caption above the serial number and filing date of the patent application when known.

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| patent | on | said | invention, | for | litigation | regarding | said | letters | patent, | or | for | the | purpose | of |
|---------|-----|---------|--------------|------|--------------|-----------|------|---------|---------|----|-----|-----|---------|----|
| protect | ing | title t | to said inve | ntio | n or letters | s patent. | | | | | | | | |

| Date | Mark Wayne Gustafson |
|------------------|------------------------|
| October 12, 2018 | and A Hill |
| Date | Curtis Allen Kirkeby |
| Date | Stephen Edward Schulte |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| erial Number | |
|--------------------------------------|------------------|
| iling Date | |
| nvenicaship | Gustafson et al. |
| ipplicant | |
| Attorney's Docket No | |
| ide: Wireless broadband meter collar | |

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignon(s):

Mark Wayne Gustafson c/o Avista Corporation 1411 East Mission Avenue Spokane WA 99220

Curtis Allen Kirkeby c/o Avista Corporation 1411 Fast Mission Avenue Spokane WA 99220

Stephen Edward Schulte c/o Avista Corporation 1411 East Mission Avenue Spokane WA 99220

Assignce: Avista Corporation 1411 East Mission Avenue Spokane WA 99220

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Page 1 of 3

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Date

Mark Wayne Gustafson

Date

Curtis Allen Kirkeby

10/11/2010

Stephen Edward Schulte