

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6802197

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBERT VERNON DUSENBERRY	01/03/2019
AARON FITZGERALD	01/03/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ITRON, INC.
<b>Street Address:</b>	2111 NORTH MOLTER ROAD
<b>City:</b>	LIBERTY LAKE
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	99019
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16938794
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(509)323-8979
<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>	5093249256
<b>Email:</b>	cherri@leehayes.com
<b>Correspondent Name:</b>	LEE & HAYES, PLLC
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<b>Address Line 2:</b>	SUITE 1400
<b>Address Line 4:</b>	SPOKANE, WASHINGTON 99201
<b>ATTORNEY DOCKET NUMBER:</b>	I017-0176USC1
<b>NAME OF SUBMITTER:</b>	CHERRI A. SIMON
<b>SIGNATURE:</b>	/Cherri A. Simon/
<b>DATE SIGNED:</b>	07/08/2021
<b>Total Attachments: 8</b>	
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**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APRIL 18, 2019

PTAS

LEE & HAYES, PLLC  
601 WEST RIVERSIDE  
SUITE 1400  
SPOKANE, WA 99201

**505432827**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 04/17/2019

REEL/FRAME: 048914/0679  
NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: I017-0176US

ASSIGNOR:

DUSENBERRY, ROBERT VERNON

DOC DATE: 01/03/2019

ASSIGNOR:

FITZGERALD, AARON

DOC DATE: 01/03/2019

ASSIGNEE:

ITRON, INC.  
2111 NORTH MOLTER ROAD  
LIBERTY LAKE, WASHINGTON 99019

APPLICATION NUMBER: 16237214

FILING DATE: 12/31/2018

PATENT NUMBER:

ISSUE DATE:

TITLE: CELLULAR MODEM FOR LOW POWER APPLICATIONS

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5479627

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROBERT VERNON DUSENBERRY	01/03/2019
AARON FITZGERALD	01/03/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ITRON, INC.
<b>Street Address:</b>	2111 NORTH MOLTER ROAD
<b>City:</b>	LIBERTY LAKE
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	99019
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16237214
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(509)323-8979
<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>	5093249256
<b>Email:</b>	cherri@leehayes.com
<b>Correspondent Name:</b>	LEE & HAYES, PLLC
<b>Address Line 1:</b>	601 WEST RIVERSIDE
<b>Address Line 2:</b>	SUITE 1400
<b>Address Line 4:</b>	SPOKANE, WASHINGTON 99201
<b>ATTORNEY DOCKET NUMBER:</b>	1017-0176US
<b>NAME OF SUBMITTER:</b>	CHERRI A. SIMON
<b>SIGNATURE:</b>	/Cherri A. Simon/
<b>DATE SIGNED:</b>	04/17/2019
<b>Total Attachments: 6</b>	
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number .....  
Filing Date.....  
Inventorship..... Dusenberry et al.  
Applicant.....  
Attorney's Docket No. .... I017-0176US  
Client Docket No.....30209-US-PAT  
Title: Cellular Modem for Low Power Applications

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

Assignor(s):  
Robert Vernon Dusenberry  
Liberty Lake, WA 99019

Aaron Fitzgerald  
Liberty Lake, WA 99019

Assignee:  
Itron, Inc.  
2111 North Molter Road  
Liberty Lake, WA, 99019

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Cellular Modem for Low Power Applications" for which:

a provisional application for United States Letters Patent was filed on \_\_\_\_\_ and was given U.S. Serial No. \_\_\_\_\_ and/or

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

filed on 12/31/2018 and was given U.S. Serial No. 16/237,214 ; or filed concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal representatives, of Lee & Hayes, P.C., 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.

WHEREAS, Itron, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of having a place of business at 2111 North Molter Road, Liberty Lake, WA 99019, 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, ASSIGNOR(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(S) 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.

JAN. 03, 2019

Date

Robert V. Dusenberry

Robert Vernon Dusenberry

\_\_\_\_\_  
Date

\_\_\_\_\_  
Aaron Fitzgerald

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial Number.....  
Filing Date.....  
Inventorship.....Dusenberry et al.  
Applicant.....  
Attorney's Docket No. ....I017-0176US  
Client Docket No.....30209-US-PAT  
Title: Cellular Modem for Low Power Applications

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

Assignor(s):  
Robert Vernon Dusenberry  
Liberty Lake, WA 99019

Aaron Fitzgerald  
Liberty Lake, WA 99019

Assignee:  
Iron, Inc.  
2111 North Molter Road  
Liberty Lake, WA, 99019

**AGREEMENT**

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

filed on 12/31/2018 and was given U.S. Serial No. 16/237,214 ; or filed  
concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal  
representatives, of Lee & Hayes, P.C., 601 W Riverside Ave, Suite 1400, Spokane, Washington  
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NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(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(S) 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.

Date

01/03/2019

Date

Robert Vernon Dusenberry

Aaron Fitzgerald

Aaron Fitzgerald