

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4473403

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	HARTMAN VAN WYK	03/18/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ITRON, INC.	
<b>Street Address:</b>	2111 N. 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:	14634696
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
<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>	5099249900	
<b>Email:</b>	ITRON-IP@ITRON.COM	
<b>Correspondent Name:</b>	ITRON, INC. - IP DEPT.	
<b>Address Line 1:</b>	2111 N. MOLTER ROAD	
<b>Address Line 4:</b>	LIBERTY LAKE, WASHINGTON 99019	
<b>ATTORNEY DOCKET NUMBER:</b>	20058-US-CON1	
<b>NAME OF SUBMITTER:</b>	AMY J. MARTIN	
<b>SIGNATURE:</b>	/AMY J. MARTIN/	
<b>DATE SIGNED:</b>	06/22/2017	
<b>Total Attachments: 4</b>		
source=I017-0027US_Fully_Executed_Assignment_13U2689#page1.tif		
source=I017-0027US_Fully_Executed_Assignment_13U2689#page2.tif		
source=I017-0027US_Fully_Executed_Assignment_13U2689#page3.tif		
source=I017-0027US_Fully_Executed_Assignment_13U2689#page4.tif		

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

Serial Number..... 13/648,095  
Filing Date .....10/9/2012  
Inventorship ..... Van Wyk et al.  
Applicant ..... Itron, Inc.  
Attorney's Docket No. .... I017-0027US  
Client Docket No. ....20058  
Title: Multi-media multi-modulation method and multi-data rate mesh network

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

Assignor(s):

Hartman Van Wyk  
Montloius sur Loire, France

John Buffington  
Hauser, ID

Assignee:

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

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled  
"Multi-media multi-modulation method and multi-data rate mesh network" 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:

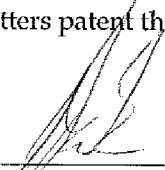
☒ filed on 10/9/2012 and was given U.S. Serial No. 13/648,095; or filed  
concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal  
representatives, of Lee & Hayes, PLLC, 601 W Riverside Ave, Suite 1400, Spokane, Washington  
99201, who are associated with customer number 29150, 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 WA, having a place of business at 2111 North Molter Road, Liberty Lake, WA 99019, is

desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore 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 invention, 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 therefore.

12/3/2014  
Date

  
Hartman Van Wyk

\_\_\_\_\_  
Date

\_\_\_\_\_  
John Buffington

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

Serial Number..... 13/648,095  
Filing Date .....10/9/2012  
Inventorship ..... Van Wyk et al.  
Applicant ..... Itron, Inc.  
Attorney's Docket No. .... I017-0027US  
Client Docket No. ....20058  
Title: Multi-media multi-modulation method and multi-data rate mesh network

**PATENT ASSIGNMENT**

**PARTIES TO THE ASSIGNMENT**

Assignor(s):

Hartman Van Wyk  
Montloius sur Loire, France

John Buffington  
Hauser, ID

Assignee:

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

**AGREEMENT**

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled  
"Multi-media multi-modulation method and multi-data rate mesh network" 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 10/9/2012 and was given U.S. Serial No. 13/648,095; or filed  
concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal  
representatives, of Lee & Hayes, PLLC, 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 WA, having a place of business at 2111 North Molter Road, Liberty Lake, WA 99019, is

desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore 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 invention, 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 therefore.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Hartman Van Wyk

\_\_\_\_\_  
John Buffington