

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Barry Cahill-O'Brien	01/14/2013
RECEIVING PARTY DATA	
Name:	ltron, Inc.
Street Address:	2111 North Molter Road
City:	Liberty Lake
State/Country:	WASHINGTON
Postal Code:	99019
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13693497
CORRESPONDENCE DATA	
Fax Number:	8642337342
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	864-271-1592
Email:	docketing@dority-manning.com
Correspondent Name:	DORITY & MANNING, P.A.
Address Line 1:	P. O. Box 1449
Address Line 4:	Greenville, SOUTH CAROLINA 29602
ATTORNEY DOCKET NUMBER:	OCO-245
NAME OF SUBMITTER:	RICHARD M. MOOSE
Total Attachments: 3 source=OCO-245 EXECUTED ASSIGNMENT#page1.tif source=OCO-245 EXECUTED ASSIGNMENT#page2.tif source=OCO-245 EXECUTED ASSIGNMENT#page3.tif	

OP \$40.00 13693497

**ASSIGNMENT OF WORLDWIDE RIGHTS**

**WHEREAS, I, BARRY CAHILL-O'BRIEN**, a citizen of Ireland residing at 447 W. 24th Avenue, Spokane, Washington 99203 (hereinafter referenced as ASSIGNOR), have invented a certain new and useful invention entitled "PIPELINE COMMUNICATIONS" as described and set forth in a patent application for U.S. Letters Patent bearing U.S. Serial No. 13/693,497 which was filed in the U.S. Patent and Trademark Office on December 4, 2012;

**AND WHEREAS, ITRON, INC.** (hereinafter ASSIGNEE), a corporation duly organized and existing under the laws of the State of Washington, United States of America, and having its principal office and place of business at 2111 North Molter Road, Liberty Lake, Washington 99019, is desirous of acquiring an interest therein;

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and valuable consideration the receipt and sufficiency of which are hereby acknowledged, I, the said ASSIGNOR, by these presents do sell, assign and transfer unto the said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to the said invention in the United States and all foreign countries, as described in the aforesaid application, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and I hereby authorize and request the Commissioner of Patents to record transfer of

said Letters of Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

And I hereby agree to transfer a like interest, upon the request of the ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

Agreeing furthermore, upon request of said ASSIGNEE, and without further remuneration, to execute any and all papers desired by said ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE.

This Assignment executed on the date indicated below.

Date: January 14, 2013

Barry Cahill-O'Brien  
BARRY CAHILL-O'BRIEN

STATE OF WASHINGTON           )  
  ) ss.  
COUNTY OF SPOKANE        )

On this 14<sup>th</sup> day of January, 2013, appeared before me BARRY CAHILL-O'BRIEN, to me identified as the individual referred to in the foregoing instrument, and he acknowledged to me that he executed same as his free act and deed for the uses and purposes therein set forth.

Helen M. Hare  
NOTARY PUBLIC FOR THE STATE OF WASHINGTON

MY COMMISSION EXPIRES: 9/13/2014

