PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2806483

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES OGLE	11/27/2013
BRET HOLMDAHL	11/27/2013
HOLGER HILDEBRANDT	01/16/2014
KEITH BARNES	12/02/2013

RECEIVING PARTY DATA

Name:	ITRON, INC.	
Street Address:	2111 NORTH MOLTER ROAD	
City:	LIBERTY LAKE	
State/Country:	WASHINGTON	
Postal Code:	99019-9469	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14101116

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: HANLEY, FLIGHT & ZIMMERMAN

Address Line 1: 150 S. WACKER DR.

Address Line 2: SUITE 2200

Address Line 4: CHICAGO, ILLINOIS 60606

NAME OF SUBMITTER:DANIEL J. GLITTOSIGNATURE:/Daniel J. Glitto/DATE SIGNED:04/09/2014

Total Attachments: 8

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PATENT

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Serial No:

14/101,116

Filed:

December 9, 2013

Title:

"Synchronization Methods and Apparatus"

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to ITRON, INC., 2111 North Molter Road, Liberty Lake, WA 99019-9469, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrants himself to be the owner of the interest herein assigned and to have the right to make this assignment and further warrants that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agrees upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the

AM DEC 2,2013

full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS my hand this 2 day of DEC, 13.

WITNESS

 $\frac{12-2-13}{\text{(Date)}}$

* * * * *

Serial No: 14/101,116

Filed: December 9, 2013

Title: "Synchronization Methods and Apparatus"

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Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS my hand this ______ day of __16 / 01 / 14__,

Holger Hildebrandt

WITNESS

(Signature of Witness)

16/01/14 (Date)

(Print name)

* * * * *

Serial No: 14/101,116

Filed: December 9, 2013

Title: "Synchronization Methods and Apparatus"

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enjoyed by the undersigned if this assignment and sale had not been made.		
WITNESS my hand this 27 th	day of November, 2013.	
	Bret Holmdahl	
	WITNESS	
(Signature of Witness)	27 - Nov - 2013 (Date)	

Letters Patent may be granted as fully and entirely as the same would have been held and

* * * * *

JAMES P OGLE

(Print name)

Serial No: 14/101,116

Filed: December 9, 2013

Title: "Synchronization Methods and Apparatus"

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full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS my hand this 27 day of November , 2013.

James Ogle

WITNESS

But Header 11/27/2013
Signature of Witness) (Date)

Bret Holmdahl
(Print name)

PATENT REEL: 032633 FRAME: 0966

RECORDED: 04/09/2014