# 506411855 12/18/2020

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6458612

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
SAHANA VADWA	12/16/2020
ADITHYA KRISHNA MURTHY	12/16/2020
GOKULMUTHU NARAYANASWAMY	12/17/2020
JAMES L. KANN	12/15/2020

## **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17126240

### **CORRESPONDENCE DATA**

Fax Number:

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:** 5099249900

Email: ITRON-IP@ITRON.COM
Correspondent Name: ITRON, INC. - IP DEPT.
Address Line 1: 2111 N. MOLTER ROAD

Address Line 4: LIBERTY LAKE, WASHINGTON 99019

ATTORNEY DOCKET NUMBER:	30376-US-PAT1
NAME OF SUBMITTER:	AMY J. MARTIN
SIGNATURE:	/AMY J. MARTIN/
DATE SIGNED:	12/18/2020

#### **Total Attachments: 5**

source=30376-US-PAT1-Assigment#page1.tif source=30376-US-PAT1-Assigment#page2.tif source=30376-US-PAT1-Assigment#page3.tif

PATENT 506411855 REEL: 054693 FRAME: 0168

source=30376-US-PAT1-Assigment#page4.tif source=30376-US-PAT1-Assigment#page5.tif

PATENT REEL: 054693 FRAME: 0169

Attorney Docket No.: 30376-US-PAT1

# ASSIGNMENT

Application No: 17126240

Filing Date: 18 DECEMBER 2020

Title: DETERMINING ALTERNATIVE OUTCOME OR EVENT BASED ON AGGREGATED DATA

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to ITRON, INC. having a principal place of business at 2111 N. Molter Road, Liberty Lake, WA, 99019, USA (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest, including all rights to claim priority, in the invention or improvements of the undersigned disclosed in an application for Letters Patent and all other applications (including divisional applications, continuations, and continuations-in-part), whether in the United States or in any foreign jurisdiction, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign jurisdictions 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 and any foreign patent office authorities to issue said Letters Patent to 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 application number of said application when officially known.

The undersigned warrants himself/herself 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 and that the undersigned will not make or enter into any assignment, license or other right in conflict with this assignment.

For said consideration the undersigned hereby agrees, upon the request and at the expense of Assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or

Page 1 of 2

Attorney Docket No.: 30376-US-PATI

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 Assignee, its successors or assigns, may deem necessary or expedient.

For said consideration the undersigned further agrees, to cooperate to the best of the ability of the undersigned with Assignee, its successors or assigns, and to perform all affirmative activities to obtain and enforce said Letters Patent, both United States and foreign, including but not limited to providing pertinent facts and documents related to the invention, reviewing, executing, and delivering affidavits, responses, and briefs, and giving and producing evidence by testimony, deposition or otherwise in support thereof.

All rights in said applications and Letters Patent hereby conveyed to Assignee, its successors and assigns, will be held and enjoyed by Assignee, its successors and assigns, to the 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 had not been made.

Land Land Marie Control of the Contr	16	December, 2020
Sahana Vadwa	Date	······································
Adithya Krishna Murthy	Date	
Gokulmuthu Narayanaswamy	Date	
James L. Kann	Date	

																		w	w											88		
																					W											
																			W												W	
					W					×											W											
				W									W																		W	
	W	W																			X				W	W	W					
	W																															
				W	W																				W							
									W	W			W								W	W			W						W	
								W																		W					W	
														W										W							W	
														W	W		W							W							W	
																								W							W	
										W						W			W									W				
									Ш		W		Ш		Ш				W										Ш			

Attorney Docket No.: 30376-US-PAT1

and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that Assignee, its successors or assigns, may deem necessary or expedient.

For said consideration the undersigned further agrees, to cooperate to the best of the ability of the undersigned with Assignee, its successors or assigns, and to perform all affirmative activities to obtain and enforce said Letters Patent, both United States and foreign, including but not limited to providing pertinent facts and documents related to the invention, reviewing, executing, and delivering affidavits, responses, and briefs, and giving and producing evidence by testimony, deposition or otherwise in support thereof.

All rights in said applications and Letters Patent hereby conveyed to Assignee, its successors and assigns, will be held and enjoyed by Assignee, its successors and assigns, to the 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 had not been made.

Sahana Vadwa	Date
Adithya Krishna Murthy	Date
Coledant	17-Dec-2020
Gokulmuthu Narayanaswamy	Date
James L. Kann	Date

Attorney Docket No.: 30376-US-PAT1

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 Assignee, its successors or assigns, may deem necessary or expedient.

For said consideration the undersigned further agrees, to cooperate to the best of the ability of the undersigned with Assignee, its successors or assigns, and to perform all affirmative activities to obtain and enforce said Letters Patent, both United States and foreign, including but not limited to providing pertinent facts and documents related to the invention, reviewing, executing, and delivering affidavits, responses, and briefs, and giving and producing evidence by testimony, deposition or otherwise in support thereof.

All rights in said applications and Letters Patent hereby conveyed to Assignee, its successors and assigns, will be held and enjoyed by Assignee, its successors and assigns, to the 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 had not been made.

Sahana Vadwa	Date
Adithya Krishna Murthy	Date
Gokulmuthu Narayanaswamy	Date
and a second	12/15/2020
James I Kann	Date /

Page 2 of 2