

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7540658

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
CAPITAL ONE, NATIONAL ASSOCIATION	09/09/2022

**RECEIVING PARTY DATA**

<b>Name:</b>	ITERIS, INC.
<b>Street Address:</b>	1700 CARNEGIE AVENUE
<b>Internal Address:</b>	SUITE 100
<b>City:</b>	SANTA ANA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	92705

**PROPERTY NUMBERS Total: 31**

Property Type	Number
Application Number:	11552242
Application Number:	11945650
Application Number:	12348661
Application Number:	12752778
Application Number:	13584141
Application Number:	13609440
Application Number:	13798798
Application Number:	13912547
Application Number:	14076092
Application Number:	14159769
Application Number:	14186774
Application Number:	14321754
Application Number:	14321759
Application Number:	14490145
Application Number:	14499093
Application Number:	14852523
Application Number:	14942796
Application Number:	15150258
Application Number:	15150267

PATENT

Property Type	Number
Application Number:	15150280
Application Number:	15470627
Application Number:	15494274
Application Number:	16112072
Application Number:	16201952
Application Number:	16277424
Application Number:	16430432
Application Number:	16687486
Application Number:	17182171
Application Number:	17216021
Application Number:	17368748
Application Number:	17410976

**CORRESPONDENCE DATA**

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**Address Line 4:** CHARLOTTE, NORTH CAROLINA 28202

<b>ATTORNEY DOCKET NUMBER:</b>	17392.515228
<b>NAME OF SUBMITTER:</b>	MOIRA SHEEHAN
<b>SIGNATURE:</b>	/s/ Moira Sheehan
<b>DATE SIGNED:</b>	09/15/2022

**Total Attachments: 7**  
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**TERMINATION AND RELEASE OF SECURITY INTEREST IN  
PATENT SECURITY AGREEMENT**

**THIS TERMINATION AND RELEASE OF PATENT SECURITY AGREEMENT**, dated as of September 9, 2022, is made by CAPITAL ONE, NATIONAL ASSOCIATION (“Agent”) in favor of ITERIS, INC., a Delaware corporation (“Grantor”).

**WHEREAS**, pursuant to the Guaranty and Security Agreement, dated as of January 25, 2022, by and between Grantor and Agent, Grantor granted a first priority security interest to the Agent in and to all of Grantor’s now owned or existing patents, including as set forth on Schedule 1 attached hereto (the “Patents”); and

**WHEREAS**, the Agent executed a Patent Security Agreement, dated as of January 25, 2022 (the “IP Security Agreement”), which was duly recorded on January 26, 2022, at Reel 058770 Frame 0592 in the United States Patent and Trademark Office; and

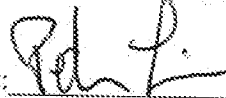
**WHEREAS**, the Agent wishes to release and restore all right, title and interest in and to the Patents to the Grantor and to dissolve those liens and encumbrances created by the IP Security Agreement.

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, the Agent does hereby, in each case, without recourse, representation or warranty of any kind whatsoever, (a) terminate the liens and security interest created under the IP Security Agreement in the Patents, (b) release its security interest in the Patents, and (c) discharge any and all rights, title and interest it has in and the security interest granted to Agent in the Patents.

[SIGNATURE PAGE FOLLOWS]

**IN WITNESS WHEREOF**, the Agent has caused this Termination and Release of Security Interest in Patent Security Agreement to be duly executed as of the date first set forth above.

**CAPITAL ONE, NATIONAL ASSOCIATION**

By: 

Name: Peter Lewin

Title: Duly Authorized Signatory

[Signature Page to Termination and Release of Security Interest in Patent Security Agreement]

**PATENT**  
**REEL: 061109 FRAME: 0661**

SCHEDULE 1

PATENTS

Patents

TITLE	PROVISIONAL FILING DATE	NON-PROVISIONAL FILING DATE	PCT FILING DATE	ISSUE DATE	APPLICATION NO.	ISSUED SERIAL NO.
Electronic Traffic Monitor	10/24/2006			8/25/2009	11/552/242	US 7,580,547 B2
Bicycle Presence Detection in a Roadway Using Video Data Analytics		3/13/2013	3/10/2014	1/13/2015	13/798,798 PCT/US14/22874	US 8,933,818 B2
Estimating Hourly Flows from 3rd Party Speed Data		1/21/2014		9/1/2015	14/159,769	US 9,123,239
Traffic Speed Estimation Using Temporal And Spatial Smoothing Of Gps Speed Data	7/1/2013	7/1/2014		9/8/2015	61/841,450 14/321,754	US 9,129,522
Dynamic Zone Stabilization and Motion Compensation		6/7/2013		10/6/2015	13/912,547	US 9,152,865
Short-Term Travel-Time Prediction Modeling Augmented by Radar-Based Precipitation Predictions and Scaling of Same		2/21/2014		12/8/2015	14/186,774	US 9,207,098
Data Quality Assessment And Real-Time Evaluation Of Gps Probe Data	7/1/2013	7/1/2014		3/22/2016	61/841,452 14/321,759	US 9,293,040
Traffic Bottleneck Detection On	9/18/2013	9/18/2014		5/3/2016	61/879,165 14/490,145	US 9,330,565 B2

TITLE	PROVISIONAL FILING DATE	NON-PROVISIONAL FILING DATE	PCT FILING DATE	ISSUE DATE	APPLICATION NO.	ISSUED SERIAL NO.
Network Graph						
Traffic Detection With Multiple Outputs Depending on Type of Object Detected		11/16/2015	8/12/2016	8/16/2016	14/942,796 PCT/US16/46843	US 9,418,546 B1
Pedestrian Counting and Detection at a Traffic Intersection Based on Location of Vehicle Zones		5/9/2016		9/20/2016	15/150,258	US 9,449,506 B1
Pedestrian Counting and Detection at a Traffic Intersection Based on Object Movement within a Field of View		5/9/2016		10/4/2016	15/150,267	US 9,460,613 B1
Animation And Visualization Of Data Analytics In A Dashboard Presentation Of A Traffic Performance Measurement System	11/9/2012	11/8/2013	11/8/2013	2/21/2017	61/724,377 14/076,092	US 9,576,488 B2
Calibration of Pedestrian Speed with Detection Zone for Traffic Intersection Control		5/9/2016		3/28/2017	15/150,280	US 9,607,402 B1
Bicycle Differentiation Using Video Data Analytics		9/12/2015		5/9/2017	14/852,523	US 9,646,494 B2
Comparative Visualization Tool for Analyzing Traffic Data	9/27/2013	9/27/2014		10/31/2017	61/883,233 14/499,093	US 9,804,756 B2

TITLE	PROVISIONAL FILING DATE	NON-PROVISIONAL FILING DATE	PCT FILING DATE	ISSUE DATE	APPLICATION NO.	ISSUED SERIAL NO.
in a Traffic Management System						
Pedestrian Tracking At A Traffic Intersection To Identify Vulnerable Roadway Users For Traffic Signal Timing, Pedestrian Safety, And Traffic Intersection Control		3/27/2017		10/31/2017	15/470,627	US 9,805,474 B1
Notification of Bicycle Detection for Cyclists at a Traffic Intersection		4/21/2017		7/24/2018	15/494,274	US 10,032,371 B2
Enhanced Traffic Detection by Fusing Multiple Sensor Data		8/24/2018		11/27/2018	16,112,072	US 10,140,855 B1
Enhanced Traffic Detection by Fusing Multiple Sensor Data		11/27/2018		6/4/2019	16,201,952	US 10,311,719 B1
Enhanced Traffic Detection by Fusing Multiple Sensor Data (continuation)		6/10/2019		8/20/2019	16,430,432	US 10,388,153 B1
Augmented Reality System for Visualization of Traffic Information	2/17/2018	2/15/2019		10/29/2019	62/631,712 16,277,424	US 10,458,807 B2
Dynamic Advanced Traffic Detection from Assessment of Dilemma Zone Activity		11/18/2019		5/5/2020	16,687,486	US 10,643,465 B1

TITLE	PROVISIONAL FILING DATE	NON-PROVISIONAL FILING DATE	PCT FILING DATE	ISSUE DATE	APPLICATION NO.	ISSUED SERIAL NO.
for Enhancement of Intersection Traffic Flow and Adjustment of Timing of Signal Phase Cycles						
Conversion of Object-Related Traffic Sensor Information at Roadways and Intersections for Virtual Dynamic Digital Representation of Objects		3/29/2021		7/6/2021	17/216,021	11,055,894 B1
Conversion of Object-Related Traffic Sensor Information at Roadways and Intersections for Virtual Dynamic Digital Representation of Objects		7/7/2021			17/368,748	
Vehicle Queue Length and Traffic Delay Measurement Using Sensor Data for Traffic Management in a Transportation Network		8/25/2021			17/410,976	
Monitoring a Mobile Device		1/5/2009		10/2/2012	12/348,661	US 8,280,617 B2
Monitoring a Mobile Device		9/11/2012		5/6/2014	13/609,440	US 8,718,907 B2
Bluetooth Low-Energy Sensor Data Collection Device		2/22/2021		8/3/2021	17/182,171	US 11,082,871 B1



TITLE	PROVISIONAL FILING DATE	NON-PROVISIONAL FILING DATE	PCT FILING DATE	ISSUE DATE	APPLICATION NO.	ISSUED SERIAL NO.
Method and system for a traffic management network		4/1/2010		8/13/2013		US 8,510,025
Method and system for a traffic management network		8/13/2012		10/6/2015		US 9,154,982
Method and system for a traffic management system based on multiple classes		11/27/2007		2/5/2013		US 8,370,053
Method and system for a traffic management network		4/2/2010		12/3/2015		Australia 2010232549
Method and system for a traffic management network		4/2/2010		12/24/2014		China 102450085 B
Method and system for a traffic management network		4/2/2010			Europe 10759461.6	
Method and system for a traffic management network		8/8/2012			Hong Kong 12107781.4	
Method and system for a traffic management network		4/2/2010		12/2/2014		NZ 596146