

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6528124

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF FIRST LIEN SECURITY INTEREST
<b>SEQUENCE:</b>	1

## CONVEYING PARTY DATA

Name	Execution Date
MACQUARIE CAPITAL FUNDING LLC	02/01/2021

## RECEIVING PARTY DATA

<b>Name:</b>	PERATON INC. (F/K/A HARRIS IT SERVICES CORPORATION)
<b>Street Address:</b>	12975 WORLDGATE DR., SUITE 700
<b>City:</b>	HERNDON
<b>State/Country:</b>	VIRGINIA
<b>Postal Code:</b>	20170

## PROPERTY NUMBERS Total: 66

Property Type	Number
Application Number:	12101576
Application Number:	12748816
Application Number:	12752464
Application Number:	12750918
Application Number:	12873005
Application Number:	09135389
Application Number:	09178713
Application Number:	09537055
Application Number:	09828360
Application Number:	12509521
Application Number:	12506494
Application Number:	12479311
Application Number:	12638231
Application Number:	12712048
Application Number:	10212914
Application Number:	10419789
Application Number:	10446725
Application Number:	10778085
Application Number:	10917295

PATENT

Property Type	Number
Application Number:	11072641
Application Number:	12059277
Application Number:	12329045
Application Number:	12328065
Application Number:	12504766
Application Number:	11064290
Application Number:	11154691
Application Number:	11194740
Application Number:	11194741
Application Number:	11418107
Application Number:	11312489
Application Number:	12055385
Application Number:	11255955
Application Number:	11315098
Application Number:	11336860
Application Number:	11336885
Application Number:	11336859
Application Number:	11304535
Application Number:	11634986
Application Number:	13116095
Application Number:	11688434
Application Number:	11481889
Application Number:	11481885
Application Number:	11516545
Application Number:	11951679
Application Number:	11586497
Application Number:	12359589
Application Number:	11614676
Application Number:	11580051
Application Number:	11526670
Application Number:	11862803
Application Number:	11838938
Application Number:	11686170
Application Number:	11847602
Application Number:	11948182
Application Number:	12235893
Application Number:	12050590
Application Number:	12138550

Property Type	Number
Application Number:	12125961
Application Number:	12106385
Application Number:	13150757
Application Number:	13050589
Application Number:	13053664
Application Number:	12826745
Application Number:	12821758
Application Number:	12825532
Application Number:	14850461

#### CORRESPONDENCE DATA

**Fax Number:** (800)914-4240

*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:** 800-713-0755

**Email:** Michael.Violet@wolterskluwer.com, ECarrera@cahill.com

**Correspondent Name:** CT CORPORATION

**Address Line 1:** 4400 EASTON COMMONS WAY

**Address Line 2:** SUITE 125

**Address Line 4:** COLUMBUS, OHIO 43219

**NAME OF SUBMITTER:** ELAINE CARRERA

**SIGNATURE:** /Elaine Carrera/

**DATE SIGNED:** 02/02/2021

#### Total Attachments: 10

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RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Macquarie Capital Funding LLC

**2. Name and address of receiving party(ies)**

Name: Peraton Inc. (f/k/a Harris IT Services Corporation)

Internal Address: \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) February 1, 2021

☐ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☒ Other Release of First Lien Security Interest

Street Address: 12975 Worldgate Dr., Suite 700

City: Herndon

State: VA

Country: USA Zip: 20170

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

See Schedule A

B. Patent No.(s)

See Schedule A

Additional numbers attached? ☒ Yes ☐ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Elaine Carrera, Senior Paralegal

Internal Address: \_\_\_\_\_

Street Address: c/o Cahill Gordon & Reindel LLP,  
32 Old Slip

City: New York

State: NY Zip: 10005

Phone Number: (212) 701-3365

Docket Number: \_\_\_\_\_

Email Address: ecarrera@cahill.com

**6. Total number of applications and patents involved:** 66

**7. Total fee (37 CFR 1.21(h) & 3.41) \$** \_\_\_\_\_

☐ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized UserName \_\_\_\_\_

**9. Signature:**

Elaine Carrera  
Signature

February 1, 2021

Date

Elaine Carrera

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

10

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**TERMINATION AND RELEASE OF  
SECURITY INTEREST IN PATENTS**

This Termination and Release of Security Interest in Patents (this “Patent Release”), effective as of February 1, 2021, is made by **MACQUARIE CAPITAL FUNDING LLC**, as collateral agent (the “Collateral Agent”) in favor of **PERATON INC.** (f/k/a Harris IT Services Corporation), a Maryland corporation (the “Grantor”). All capitalized terms used herein and not otherwise defined shall have the meaning assigned to such terms in the Security Agreement (as defined below) or Patent Security Agreement (as defined below), as applicable.

**W I T N E S S E T H:**

WHEREAS, the Grantor is party to a First Lien Security Agreement, dated as of April 28, 2017 (as may have been amended, supplemented or otherwise modified from time to time, the “Security Agreement”), in favor of the Collateral Agent;

WHEREAS, pursuant to the Security Agreement, the Grantor executed and delivered that certain First Lien Patent Security Agreement, dated as of April 28, 2017, which was recorded with the United States Patent and Trademark Office on May 8, 2017 at Reel/Frame 042419/0527, (the “Patent Security Agreement”) in favor of Collateral Agent;

WHEREAS, pursuant to the Patent Security Agreement, the Grantor, as collateral security for the payment and performance, as applicable, in full of the Secured Obligations, assigned and pledged to the Collateral Agent, its successors and permitted assigns for the benefit of the Secured Parties, a lien on and security interest (the “Security Interest”) in all of its right, title and interest in, to and under the Patent Collateral, including without limitation the Patents listed in Schedule A attached hereto; and

WHEREAS, the Collateral Agent desires to release, relinquish, terminate and discharge the Security Interest in all such Patent Collateral and has duly authorized the execution, delivery and performance of this Patent Release.

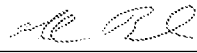
NOW THEREFORE, in consideration of the foregoing and for other good and valuable consideration, the receipt of which is hereby acknowledged, the Collateral Agent hereby (i) terminates and cancels the Patent Security Agreement, (ii) releases, relinquishes, terminates and discharges the Security Interest in the Patent Collateral, and (iii) assigns, transfers and conveys to the Grantor, any right, title, or interest it may have in the Patent Collateral, in each case without recourse to the Collateral Agent, and without representation or warranty of any kind.

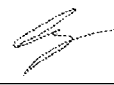
THIS PATENT RELEASE SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAW OF THE STATE OF NEW YORK.

*[Signature Follows On Next Page.]*

**IN WITNESS WHEREOF**, the Collateral Agent has caused this Patent Release to be duly executed and delivered as of the date set forth above.

**MACQUARIE CAPITAL FUNDING LLC,**  
as Collateral Agent

By:   
Name: Michael Barrish  
Title: Authorized Signatory

By:   
Name: Ayesha Farooqi  
Title: Authorized Signatory

**Schedule A**  
**to**  
**Patent Release**

**PATENTS:**

Patent	Jurisdiction	App. No.	Filing Date	Patent No.	Status	Owner <sup>1</sup>
METHODS AND SYSTEMS FOR DATA RECOVERY	United States	12/101576	11-Apr-2008	8010502	Granted	Harris IT Services Corporation
SYSTEM FOR IDENTIFYING A SELECTED TARGET IN A GEOGRAPHIC MODEL AND ASSOCIATED METHODS	United States	12/748816	29-Mar-2010	8572133	Granted	Harris IT Services Corporation
SYSTEM AND METHOD FOR MANAGING A MARKETING CAMPAIGN	United States	12/752464	01-Apr-2010	N/A	Published	Harris IT Services Corporation
SYSTEM AND METHOD FOR PROVISIONING AND MANAGING NETWORK ACCESS AND CONNECTIVITY	United States	12/750918	31-Mar-2010	9363160	Granted	Harris IT Services Corporation
SYSTEM AND METHOD OF CAPACITY MANAGEMENT FOR PROVISIONING AND MANAGING NETWORK ACCESS AND CONNECTIVITY	United States	12/873005	31-Aug-2010	8843628	Granted	Harris IT Services Corporation
METHOD AND SYSTEM FOR TRACKING ANY ENTITY THROUGH ANY SET OF PROCESSES UTILIZING A TEMPORAL	United States	09/135389	17-Aug-1998	6014628	Granted	Harris IT Services Corporation

<sup>1</sup> Harris IT Services Corporation is the beneficial owner of the respective patents, and record ownership updates are pending.

Patent	Jurisdiction	App. No.	Filing Date	Patent No.	Status	Owner <sup>1</sup>
PROJECTION						

SATELLITE SIMULATOR	United States	09/178713	26-Oct-1998	6048366	Granted	Harris IT Services Corporation
SATELLITE SIMULATOR DEVELOPMENT TOOL	United States	09/537055	28-Mar-00	6256602	Granted	Harris IT Services Corporation
METHOD FOR GENERATING A HIGH FIDELITY SIMULATION OF AN ORBITING SATELLITE TELEMETRY STREAM	United States	09/828360	6-Apr-01	6813596	Granted	Harris IT Services Corporation
Systems and Methods for Proactive Document Scanning	United States	12/509521	27-Jul-2009	9195808	Granted	Harris IT Services Corporation
Systems and Methods for Managing Document Pedigrees*	United States	12/506494	21-Jul-2009	9069751	Granted	Harris IT Services Corporation
Phase-Change materials and optical limiting devices utilizing phase-change materials	United States	12/479311	05-Jun-2009	8259381	Granted	Harris IT Services Corporation and Vanderbilt University
Quantum Efficiency Enhancement Device for Array Detectors	United States	12/638231	15-Dec-2009	8054462	Granted	Harris IT Services Corporation
Optical Sensors Including Surface Modified Phase-Change Materials for Detection of Chemical, Biological and Explosive Compounds	United States	12/712048	24-Feb-2010	8586371	Granted	Harris IT Services Corporation and Vanderbilt University
Acronym Extraction System and Method of Identifying Acronyms and Extracting Corresponding Expansions from Text	United States	10/212914	07-Aug-2002	7236923	Granted	Harris IT Services Corporation
Method and Apparatus for Filtering Airborne Contaminants	United States	10/419789	22-Apr-2003	6976911	Granted	Harris IT Services Corporation
Computer Language Translation System and Method of Converting	United States	10/446725	29-May-2003	7240338	Granted	Harris IT Services Corporation

Patent	Jurisdiction	App. No.	Filing Date	Patent No.	Status	Owner <sup>1</sup>
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Procedural Computer Language Software to Object-Oriented Computer Language Software						
Method and Apparatus for Witness Card Statistical Analysis Using Image Processing Techniques	United States	10/778085	17-Feb-2004	7277570	Granted	Harris IT Services Corporation
Suppression Apparatus for Explosive Devices*	United States	10/917,295	13-Aug-2004	7490537	Granted	Harris IT Services Corporation
Prism Device and Combined Optical and Radio Frequency Beam Steering System	United States	11/072641	07-Mar-2005	7239463	Granted	Harris IT Services Corporation
Methods and Apparatus for Generating RGB Laser Light	United States	12/059277	31-Mar-2008	8000373	Granted	Harris IT Services Corporation
Remote Detection of Peroxide Compounds Via Laser Induced Florescence	United States	12/329045	05-Dec-2008	7829345	Granted	Harris IT Services Corporation
Nanomagnet-based Magnetic Anomaly Detector (NOMAD)	United States	12/328065	04-Dec-2008	8054070	Granted	Harris IT Services Corporation
Intrusion Detection Systems and Methods	United States	12/504766	17-Jul-2009	8381290	Granted	Harris IT Services Corporation
Retro-Regression Residual Remediation for Spectral/Signal Identification	United States	11/064290	24-Feb-2005	7127372	Granted	Harris IT Services Corporation
Method and Apparatus for Impact Detection and Prioritization of Impact Information Transmitted to a Receiving Station*	United States	11/154691	17-Jun-2005	7954359	Granted	Harris IT Services Corporation
Communication Transceiver Architecture	United States	11/194740	02-Aug-2005	7587141	Granted	Harris IT Services Corporation
Acquisition Pointing and Tracking Architecture for Laser Communication*	United States	11/194741	02-Aug-2005	7609972	Granted	Harris IT Services Corporation
Spectrograph	United	11/418107	05-May-	7583378	Granted	Harris IT Services

Patent	Jurisdiction	App. No.	Filing Date	Patent No.	Status	Owner <sup>1</sup>
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Calibration Using Known Light Source and Raman Scattering*	States		2006			Corporation
Dust Mitigation and Surface Cleaning System for Maintaining a Surface Free from Dust and Other Materials*	United States	11/312489	21-Dec-2005	7584521	Granted	Harris IT Services Corporation
Wavelength-Agile Laser Transmitter Using Optical Parametric Oscillator	United States	12/055385	26-Mar-2008	7724788	Granted	Harris IT Services Corporation
Volume-Phase Holographic Diffraction Grating Optimized for the Ultraviolet Spectral Region	United States	11/255955	24-Oct-2005	7136205	Granted	Harris IT Services Corporation
Database System and Method for Analyzing and Associating Observable Data with Substances, Equipment, and Processes	United States	11/315098	23-Dec-2005	7366618	Granted	Harris IT Services Corporation
Object Discretization to Particles for Computer Simulation and Analysis*	United States	11/336860	23-Jan-2006	7620532	Granted	Harris IT Services Corporation
Sector Meshing and Neighbor Searching for Object Interaction Simulation*	United States	11/336885	23-Jan-2006	7610184	Granted	Harris IT Services Corporation
Termination Assessment of a Computer Simulation*	United States	11/336859	23-Jan-2006	7684972	Granted	Harris IT Services Corporation
Electric Motor Assisted Takeoff Device for an Air Vehicle	United States	11/304535	16-Dec-2005	7318565	Granted	Harris IT Services Corporation
Close-Spaced Leader-Follower Navigation Using Control Mimic	United States	11/634986	07-Dec-2006	8086396	Granted	Harris IT Services Corporation
Close-Spaced Leader-Follower Navigation Using Control Mimic	United States	13/116095	26-May-2011	8160809	Granted	Harris IT Services Corporation
Methods, Apparatus	United	11/688434	20-Mar-	7796251	Granted	Harris IT Services

Patent	Jurisdiction	App. No.	Filing Date	Patent No.	Status	Owner <sup>1</sup>
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and System for Rapid and Sensitive Standoff Detection of Surface Contaminants*	States		2007			Corporation
Method and Apparatus for Target Discrimination Within Return Signals	United States	11/481889	07-Jul-2006	7665663	Granted	Harris IT Services Corporation
Air Sampler Module for Enhancing the Detection Capabilities of a Chemical Detection Device or System	United States	11/481885	07-Jul-2006	7511809	Granted	Harris IT Services Corporation
Method and System for Geo-Referencing and Visualization of Detected Contaminant	United States	11/516545	07-Sep-2006	7383129	Granted	Harris IT Services Corporation
Virtual Scene Generator and Probability of Interception System and Method*	United States	11/951679	06-Dec-2007	8374832	Granted	Harris IT Services Corporation
Raman Interrogation of Threat Aerosols (RITA)	United States	11/586497	26-Oct-2006	7333190	Granted	Harris IT Services Corporation
Data Quality and Ancillary Data Checking for Raman Sensor*	United States	12/359589	26-Jan-2009	8306780	Granted	Harris IT Services Corporation
Modular Optical Detection System for Point Airborne and Area Surface Substance Detection*	United States	11/614676	21-Dec-2006	7636154	Granted	Harris IT Services Corporation
Simultaneous Capture of Fluorescence Signature and Raman Signature for Spectroscopy Analysis	United States	11/580051	13-Oct-2006	7359040	Granted	Harris IT Services Corporation
Microscope Flow Cell Apparatus for Raman Analysis of a Liquid	United States	11/526670	26-Sep-2006	7545490	Granted	Harris IT Services Corporation
Spectral Feature-Based Identification of Substances	United States	11/862803	27-Sep-2007	7502693	Granted	Harris IT Services Corporation
Charged Seed Cloud as a Method for	United States	11/838938	15-Aug-2007	8373962	Granted	Harris IT Services Corporation

Patent	Jurisdiction	App. No.	Filing Date	Patent No.	Status	Owner <sup>1</sup>
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Increasing Particle Collisions and for Scavenging Airborne Biological Agents and Other Contaminants						
Simulation Cache to Expedite Complex Modeling and Simulation Processes*	United States	11/686170	14-Mar-2007	8751209	Granted	Harris IT Services Corporation
System and Method for Radioisotope Identification	United States	11/847602	30-Aug-2007	8463556	Granted	Harris IT Services Corporation
Systems and Methods for Witness Card Analysis*	United States	11/948182	30-Nov-2007	8045752	Granted	Harris IT Services Corporation
Systems and Methods for Remote Unmanned Raman Spectroscopy	United States	12/235893	23-Sep-2008	8159662	Granted	Harris IT Services Corporation
Dual Pulse Single Event Raman Spectroscopy	United States	12/050590	18-Mar-2008	7760352	Granted	Harris IT Services Corporation
Thermal Barrier System	United States	12/138550	13-Jun-2008	8056953	Granted	Harris IT Services Corporation
Detection of Materials Based on Raman Scattering and Laser-Induced Fluorescence By Deep UV Excitation	United States	12/125961	23-May-2008	7933013	Granted	Harris IT Services Corporation
Library Generation for Detection and Identification of Shielded Radioisotopes	United States	12/106385	21-Apr-2008	9256713	Granted	Harris IT Services Corporation
Standoff Explosives Detector Using Deep UV Raman Spectroscopy	United States	13/150757	01-Jun-2011	8665433	Granted	Harris IT Services Corporation
Grating Based Optical Parametric Oscillator and Method of Dynamically Tuning the Oscillator for Generating Desired Optical Signals	United States	13/050589	17-Mar-2011	8730566	Granted	Harris IT Services Corporation
Method and Apparatus for Controlling Laser Transmissions for Enhanced Safety	United States	13/053664	22-Mar-2011	8576382	Granted	Harris IT Services Corporation

Patent	Jurisdiction	App. No.	Filing Date	Patent No.	Status	Owner <sup>1</sup>
Method and Apparatus for Correlating Simulation Models with Physical Devices Based on Correlation Metrics*	United States	12/826745	30-Jun-2010	8922560	Granted	Harris IT Services Corporation
Dynamic Management of Role Membership*	United States	12/821758	23-Jun-2010	8832774	Granted	Harris IT Services Corporation
Dynamic Icon Overlay System and Method of Producing Dynamic Icon Overlays*	United States	12/825532	29-Jun-2010	8645866	Granted	Harris IT Services Corporation
Aggregate Interference Model and Use Thereof to Evaluate Performance of a Receiver	United States	14/850461	10-Sep-2015	N/A	Pending	Harris IT Services Corporation