TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM863847

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
TRUTAG TECHNOLOGIES, INC.		12/15/2023	Corporation: DELAWARE

RECEIVING PARTY DATA

Name:	First-Citizens Bank & Trust Company
Street Address:	75 N. FAIR OAKS AVENUE
Internal Address:	CLAS PAS-04-02
City:	PASADENA
State/Country:	CALIFORNIA
Postal Code:	91103
Entity Type:	Corporation: NORTH CAROLINA

PROPERTY NUMBERS Total: 8

Property Type	Number	Word Mark
Registration Number:	4383788	TRUTAGS
Serial Number:	97930833	TRUTAG
Registration Number:	6102547	HINALEA
Registration Number:	6672335	TRUNETIX
Registration Number:	6859668	TRUSPECT
Registration Number:	5903949	TAG-IT TECH
Registration Number:	6014377	COVERTCOAT
Registration Number:	5903950	NTS

OP $215.00 4383788

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: 8004945225
Email: ipteam@cogencyglobal.com
Correspondent Name: JAY DASILVA
Address Line 1: 1025 CONNECTICUT AVE., NW, STE. 712
Address Line 2: COGENCY GLOBAL INC.
Address Line 4: WASHINGTON, D.C. 20036

ATTORNEY DOCKET NUMBER:	2218983 TM
NAME OF SUBMITTER:	Gwendolyn Mecsas
SIGNATURE:	/Gwendolyn Mecsas/
DATE SIGNED:	12/26/2023

Total Attachments: 17

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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement (this "**Agreement**") is entered into as of December 15, 2023, by and between SILICON VALLEY BANK, a division of FIRST-CITIZENS BANK & TRUST COMPANY (successor by purchase to the Federal Deposit Insurance Corporation as Receiver for Silicon Valley Bridge Bank, N.A. (as successor to Silicon Valley Bank) ("**Bank**") and TRUTAG TECHNOLOGIES, INC., a Delaware corporation ("**Grantor**").

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "**Loans**") in the amounts and manner set forth in that certain Loan and Security Agreement dated as of August 19, 2020, as amended by that certain First Amendment to Loan and Security Agreement dated as of March 5, 2022, as further amended by that certain Second Amendment to Loan and Security Agreement dated as of June 7, 2022, and as further amended by that certain Waiver and Third Amendment to Loan and Security Agreement dated as of the date hereof (as the same may from time to time be further amended, modified or supplemented from time to time, the "**Loan Agreement**"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in its Copyrights, Trademarks, Patents, and Mask Works (as each term is described below) to secure the obligations of Grantor to Bank.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of Grantor's obligations to Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

1. Grant of Security Interest. To secure Grantor's obligations to Bank, Grantor grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its intellectual property (all of which shall collectively be called the "**Intellectual Property Collateral**"), including, without limitation, the following:

(a) Any and all copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work thereof, whether published or unpublished and whether or not the same also constitutes a trade secret, now or hereafter existing, created, acquired or held, including without limitation those set forth on Exhibit A attached hereto (collectively, the "**Copyrights**");

(b) Any and all trade secrets, and any and all intellectual property rights in computer software and computer software products now or hereafter existing, created, acquired or held;

(c) Any and all design rights that may be available to Grantor now or hereafter existing, created, acquired or held;

(d) All patents, patent applications and like protections including, without limitation, improvements, divisions, continuations, renewals, reissues, extensions and continuations-in-part of the same, including without limitation the patents and patent applications set forth on Exhibit B attached hereto (collectively, the "**Patents**");

(e) Any trademark and servicemark rights, whether registered or not, applications to register and registrations of the same and like protections, and the entire goodwill of the business of Grantor connected with and symbolized by such trademarks, including without limitation those set forth on Exhibit C attached hereto (collectively, the "**Trademarks**");

(f) All mask works or similar rights available for the protection of semiconductor chips, now owned or hereafter acquired, including, without limitation those set forth on Exhibit D attached hereto (collectively, the "**Mask Works**");

(g) Any and all claims for damages by way of past, present and future infringements of any of the rights included above, with the right, but not the obligation, to sue for and collect such damages for said use or infringement of the intellectual property rights identified above;

(h) All licenses or other rights to use any of the Copyrights, Patents, Trademarks, or Mask Works and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(i) All amendments, extensions, renewals and extensions of any of the Copyrights, Trademarks, Patents, or Mask Works; and

(j) All proceeds and products of the foregoing, including without limitation all payments under insurance or any indemnity or warranty payable in respect of any of the foregoing.

2. Recordation. Grantor authorizes the Commissioner for Patents, the Commissioner for Trademarks and the Register of Copyrights and any other government officials to record and register this Agreement upon request by Bank.

3. Authorization. Grantor hereby authorizes Bank to (a) modify this Agreement unilaterally by amending the exhibits to this Agreement to include any Intellectual Property Collateral which Grantor obtains subsequent to the date of this Agreement, and (b) file a duplicate original of this Agreement containing amended exhibits reflecting such new Intellectual Property Collateral.

4. Loan Documents. This Agreement has been entered into pursuant to and in conjunction with the Loan Agreement, which is hereby incorporated by reference. The provisions of the Loan Agreement shall supersede and control over any conflicting or inconsistent provision

herein. The rights and remedies of Bank with respect to the Intellectual Property Collateral are as provided by the Loan Agreement and related documents, and nothing in this Agreement shall be deemed to limit such rights and remedies.

5. Execution in Counterparts. This Agreement may be executed in counterparts (and by different parties hereto in different counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or in electronic (i.e., "pdf" or "tif" format) shall be effective as delivery of a manually executed counterpart of this Agreement.

6. Successors and Assigns. This Agreement will be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns.

7. Governing Law. This Agreement and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Agreement and the transactions contemplated hereby and thereby shall be governed by, and construed in accordance with, the laws of the United States and the State of California, without giving effect to any choice or conflict of law provision or rule (whether of the State of California or any other jurisdiction).

[Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

GRANTOR:

TRUTAG TECHNOLOGIES, INC.

DocuSigned by:
By: Barry McDonogh
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Name: Barry McDonogh
Title: CEO

BANK:

FIRST-CITIZENS BANK & TRUST COMPANY (successor by purchase to the Federal Deposit Insurance Corporation as receiver for Silicon Valley Bridge Bank, N.A. (as successor to Silicon Valley Bank))

DocuSigned by:
By: Bellet Eliasnia
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Name: Bellet Eliasnia
Title: Managing Director

EXHIBIT A

Copyrights

Description	Registration/ Application Number	Registration/ Application Date
None.		

EXHIBIT B

Patents

Description	Registration/ Application Number	Registration/ Application Date
Typing Biological Cell	17/728,726	April 25, 2022
System For Producing a Packaged Item with an Identifier	11,166,874	November 9, 2021
Labeling Using an Optical Thickness Measurement of a Biosensor	11,125,753	September 21, 2021
Apparatus and Methods for Uniformly Forming Porous Semiconductor on A Substrate	10,829,864	November 10, 2020
Calibration For Fabry Perot Spectral Measurements	10,578,487	March 3, 2020
Item Label with A Tag	10,490,108	November 26, 2019
Signal Processing for Tunable Fabry-Perot Interferometer Based Hyperspectral Imaging	10,323,985	June 18, 2019
System For Producing a Packaged Item with an Identifier	16/230,959	December 21, 2018
System For Verifying an Item in a Package Using a Database	10,269,022	April 23, 2019
System For Producing a Packaged Item with an Identifier	10,195,109	February 5, 2019
In Vivo Patient Compliance Monitoring	16/036,853	July 16, 2018
Method of Assembly and Manufacturing of Piezo Actuated Fabry-Perot Interferometer	10,168,214	January 1, 2019
Apparatus and Methods for Uniformly Forming Porous Semiconductor on a Substrate	15/851,023	December 21, 2017
High-throughput Batch Porous Silicon Manufacturing Equipment Design and Processing Methods	10,138,565	November 27, 2018
Multiple Codes in an Array Pattern with Sparse Distribution of Microparticles	15/979,106	May 14, 2018
Tag Reading Using Targeted Spatial Spectral Detection	16/009,545	June 15, 2018
Labeling and Authenticating Using a Microtag	10,078,766	September 20, 2017
System for Verifying an Item in a Package	10,071,843	September 11. 2018

Tag Reading using targeted spatial spectral detection	10,024,717	July 17, 2018
Fabry-perot spectral image measurement	10,012,542	July 3, 2018
Signal processing for tunable fabry-perot interferometer based hyperspectral imaging	10,323,985	June 18, 2019
Integrated imaging sensor with tunable Fabry-Perot Interferometer	15/716,896	September 27, 2017
Spectral Reading using Synchronized LED sources	9,927,299	March 27, 2018
Calibration for fabry perot spectral measurements	10,578,487	March 3, 2020
Machine Vision Spectral Imaging	15/709,365	September 19, 2017
Identification of a tagged liquid	15/666,397	August 1, 2017
Apparatus and methods for uniformly forming porous semiconductor on a substrate	9,890,465	February 13, 2018
Labeling and Authenticating using a microtag	15/710,726	September 20, 2017
Multiple wafer single bath etcher	15/707,688	September 18, 2017
Generating and authenticating an additive manufacturing item using tags	14/885,875	October 16, 2015
Labeling and authenticating using a microtag	9,798,903	October 24, 2017
Multiple Wafer Single bath Etche	9,799,541	October 24, 2017
System and method for Highly-multiplexed, label-free detection of analytes using optical tags	15/415,685	January 25, 2017
Item label with a tag	15/423,337	February 2, 2017
Fabry-perot spectral image measurement	9,677,935	June 13, 2017
Tag Reading using targeted spatial spectral detection	10,024,717	July 17, 2018
Labeling and authenticating using a microtag	15/298,126	October 19, 2016
Centering holder for optical interrogation	9,523,634	December 20, 2016
Method of assembly and manufacturing of piezo actuated fabry-perot interferometer	10,168,214	January 1, 2019
System for Verifying an item in a package	15/227,289	August 3, 2016
Labeling an Authenticating using a microtag	9,501,670	November 22, 2016
Systems and architecture for electronic interfaces and complex data structures for medication reconciliation and patient regimen adherence detection	15/074,929	March 18, 2016

System for verifying an item in a package	9,430,771	August 30, 2016
Labeling and authenticating using a microtag	14/979,119	December 22, 2015
Labeling and authenticating using a microtag	9,251,452	February 2, 2016
System for producing a packaged item with an identifier	14/692,588	April 21, 2015
System for verifying an item in a package	14/629,048	February 23, 2015
System for verifying an item in a package	8,991,697	March 31, 2015
Labeling and authenticating using a microtag	14/451,284	August 4, 2014
Labeling and authenticating using a microtag	8,833,656	September 16, 2014
System for verifying an item in a package	14/067,747	October 30, 2013
Labeling an authenticating using a microtag	14/103,557	December 11, 2013
Labeling and authenticating using a microtag	8,636,213	January 28, 2014
System for Verifying an Item in a Package	8,596,546	December 3, 2013
System for Verifying an Item in a Package	61/354,633	June 4, 2010
System for Verifying an Item in a Package	ZL2011800292 90.7	June 8, 2016
System for Verifying an Item in a Package	11796079.9	June 10, 2011
System for Verifying an Item in a Package	13105486.5	June 10, 2011
System for Verifying an Item in a Package	54/DELNP/2013	June 10, 2011
System for Verifying an Item in a Package	5709987	March 13, 2015
System for Verifying an Item in a Package	10-1760663	July 18, 2017
System for Verifying an Item in a Package	PCT/US11/01063	June 10, 2011
System for Verifying an Item in a Package	186282	June 26, 2015
System for Verifying an Item in a Package Using a Database	8,881,972	November 11, 2014
System for Verifying an Item in a Package Using a Database	61/354,635	June 14, 2010
System for Verifying an Item in a Package Using a Database	16/351,293	March 12, 2019
System for Verifying an Item in a Package Using a Database	ZL2011800292 91.1	October 19, 2016

System for Verifying an Item in a Package Using a Database	201610662891.6	June 10, 2011
System for Verifying an Item in a Package Using a Database	11796077.3	June 10, 2011
System for Verifying an Item in a Package Using a Database	13105489.2	June 10, 2011
System for Verifying an Item in a Package Using a Database	PCT/US11/01061	June 10, 2011
System for Producing a Packaged Item with an Identifier	9,033,213	May 19, 2015
System for Producing a Packaged Item with an Identifier	61/354,637	June 14, 2010
System for Producing a Packaged Item with an Identifier	201180029289.4	June 10, 2011
System for Producing a Packaged Item with an Identifier	201610659725	June 10, 2011
System for Producing a Packaged Item with an Identifier	11796080.7	June 10, 2011
System for Producing a Packaged Item with an Identifier	13105488.3	June 10, 2011
System for Producing a Packaged Item with an Identifier	90/DELNP/2013	June 10, 2011
System for Producing a Packaged Item with an Identifier	5855646	December 18, 2015
System for Producing a Packaged Item with an Identifier	6197010	August 25, 2017
System for Producing a Packaged Item with an Identifier	10-2013-7000795	June 10, 2011
System for Producing a Packaged Item with an Identifier	PCT/US11/01064	June 10, 2011
System for Producing a Packaged Item with an Identifier	186283	June 26, 2015
Labeling and Verifying an Item with an Identifier	13/158,254	June 10, 2011
Labeling and Verifying an Item with an Identifier	61/354,639	June 14, 2010
Labeling and Verifying an Item with an Identifier	ZL2011800292 87.5	February 27, 2018
Labeling and Verifying an Item with an Identifier	11796078.1	June 10, 2011
Labeling and Verifying an Item with an Identifier	13105487.4	June 10, 2011
LABELING AND VERIFYING AN ITEM WITH AN IDENTIFIER	PCT/US11/01062	June 10, 2011
PRODUCING A MICROTAG IDENTIFIER	8,453,929	June 4, 2013
PRODUCING A MICROTAG IDENTIFIER	PCT/US10/03203	December 16, 2010
Labeling and Authenticating Using a Microtag	8,511,557	August 20, 2013
Labeling and Authenticating Using a Microtag	2513654	February 18, 2015

Labeling and Authenticating Using a Microtag	HK1176997	November 20, 2015
Labeling and Authenticating Using a Microtag	PCT/US10/03204	December 16, 2010
Spectral Reader	62/040,942	August 22, 2014
Authenticating of Additive Manufacturing Item Using Tags	62/076,893	November 7, 2014
Monolithic Tunable Imaging Fabry- Perot Interferometer	62/074,455	November 3, 2014
Fabry-Perot Spectral Image Measurement	201580053621.9	October 23, 2015
Fabry-Perot Spectral Image Measurement	15856966.5	October 23, 2015
Fabry-Perot Spectral Image Measurement	201717011940	October 23, 2015
Fabry-Perot Spectral Image Measurement	2017-518065	October 23, 2015
Fabry-Perot Spectral Image Measurement	PCT/US15/57104	October 23, 2015
Method of Assembly and Manufacturing of Piezo Actuated Fabry-Perot Interferometer	62/162,475	May 15, 2015
Method of Assembly and Manufacturing of Piezo Actuated Fabry-Perot Interferometer	16/201,823	November 27, 2018
Method of Assembly and Manufacturing of Piezo Actuated Fabry-Perot Interferometer	201680021702.5	April 28, 2016
Method of Assembly and Manufacturing of Piezo Actuated Fabry-Perot Interferometer	16796908.8	April 28, 2016
Method of Assembly and Manufacturing of Piezo Actuated Fabry-Perot Interferometer	201717032990	April 28, 2016
Method of Assembly and Manufacturing of Piezo Actuated Fabry-Perot Interferometer	2017-553898	April 28, 2016
Method of Assembly and Manufacturing of Piezo Actuated Fabry-Perot Interferometer	PCT/US16/29702	April 28, 2016
Method of Assembly and Manufacturing of Piezo Actuated Fabry-Perot Interferometer	1701006135	April 28, 2016
Spectral Reading Using Synchronized LED Sources	15/887,606	February 2, 2018
Spectral Reading Using Synchronized LED Sources	PCT/US16/66596	December 14, 2016
Spectral Reading Using Synchronized LED Sources	62/259,244	November 24, 2015
Tag Reading Using Targeted Spatial Spectral Detection	201680062190.7	November 11, 2016

Tag Reading Using Targeted Spatial Spectral Detection	16869064.2	November 11, 2016
Tag Reading Using Targeted Spatial Spectral Detection	201847006202	November 11, 2016
Tag Reading Using Targeted Spatial Spectral Detection	2018-521231	November 11, 2016
Tag Reading Using Targeted Spatial Spectral Detection	PCT/US16/61680	November 11, 2016
Compact Fabry-Perot Interferometer Using Piezo-Actuation	62/247,364	October 28, 2015
Identification of a Tagged Liquid	62/371,972	August 8, 2016
Identification of a Tagged Liquid	PCT/US17/44980	August 1, 2017
Reader with Diverse Angular Source Illumination	15/838,177	December 11, 2017
Reader with Diverse Angular Source Illumination	62/436,382	December 19, 2016
Integrated Imaging Sensor With Tunable Fabry-Perot Interferometer	62/405,663	October 7, 2016
RGB Calibration for a Fabry Perot Interferometer	62/397,876	September 21, 2016
Calibration for Fabry Perot Spectral Measurements	PCT/US17/52435	September 20, 2017
Machine Vision Spectral Imager	62/397,877	September 21, 2016
Machine Vision Spectral Imaging	PCT/US17/52431	September 20, 2017
Hyperspectral Imaging of Moving Objects Suitable for Machine Vision Applications	62/416,843	November 3, 2016
Signal Processing for Tunable Fabry-Perot Interferometer Based Hyperspectral Imaging	15/793,800	October 25, 2017
Signal Processing for Tunable Fabry-Perot Interferometer Based Hyperspectral Imaging	62/419,860	November 9, 2016
Signal Processing for Tunable Fabry-Perot Interferometer Based Hyperspectral Imaging	PCT/US17/58554	October 26, 2017
Hyperspectral Imaging of Moving Objects Suitable For Machine Vision Applications	62/421,873	November 14, 2016
Signal Processing for Tunable Fabry-Perot Interferometer Based Hyperspectral Imaging	62/421,887	November 14, 2016
Centerifugal Isolation for Reading Tags From Solutions	62/470,064	March 10, 2017

Labeling Using an Optical Thickness Measurement of a Biosensor	11,125,753	September 21, 2021
Labeling Using an Optical Thickness Measurement of a Biosensor	62/478,238	March 29, 2017
Labeling Using an Optical Thickness Measurement of a Biosensor	PCT/US18/24132	March 23, 2018
Multiple Codes in an Array Pattern with Sparse Distribution of Microparticles	15/979,106	May 14, 2018
Multiple Codes in an Array Pattern	62/508,303	May 18, 2018
Multiple Codes in an Array Pattern with Sparse Distribution of Microparticles	PCT/US18/32818	May 15, 2018
Sparse Dispersion of Microparticles	62/508,304	May 18, 2017
Modular Fabry-Perot Interferometer Design	62/562,852	September 25, 2017
Porous Silicon Electro-Etching System and Method	8,926,803	January 6, 2015
Porous Silicon Electro-Etching System and Method	61/145,018	January 15, 2009
Porous Silicon Electro-Etching System and Method	2387458	March 5, 2014
Porous Silicon Electro-Etching System and Method	2387458	March 5, 2014
Porous Silicon Electro-Etching System and Method	MY-170119-A	July 5, 2019
Porous Silicon Electro-Etching System and Method	2387458	March 5, 2014
Porous Silicon Electro-Etching System and Method	PCT/US10/21209	January 15, 2010
High-Productivity Porous Semiconductor Manufacturing Equipment	8,999,058	March 7, 2015
High-Productivity Porous Silicon Manufacturing Equipment	61/175,535	May 5, 2009
High-Productivity Porous Semiconductor Manufacturing Equipment	9,869,031	January 16, 2018
High-Productivity Porous Silicon Manufacturing Equipment	ZL2010800300 23.7	March 25, 2015
High-Productivity Porous Silicon Manufacturing Equipment	10772799.2	May 5, 2010
High-Productivity Porous Silicon Manufacturing Equipment	5872456	January 22, 2016
High-Productivity Porous Silicon Manufacturing Equipment	MY-165969	May 18, 2018
High-Productivity Porous Silicon Manufacturing Equipment	PCT/US10/33792	May 5, 2010

High-Thoughput Batch Porous Silicon Manufacturing Equipment Design and Processing Methods	9,076,642	July 7, 2015
High-Thoughput Batch Porous Silicon Manufacturing Equipment Design and Processing Methods	61/386,318	September 24, 2010
High-Thoughput Batch Porous Silicon Manufacturing Equipment Design and Processing Methods	9,771,662	September 26, 2017
High-Thoughput Batch Porous Silicon Manufacturing Equipment Design and Processing Methods	602011046984 .3	March 28, 2018
High-Thoughput Batch Porous Silicon Manufacturing Equipment Design and Processing Methods	2619790	March 28, 2018
High-Thoughput Batch Porous Silicon Manufacturing Equipment Design and Processing Methods	10-1347681	January 6, 2014
High-Thoughput Batch Porous Silicon Manufacturing Equipment Design and Processing Methods	PCT/US11/53183	September 24, 2011
Apparatus and Methods for Uniformly Forming Porous Semiconductor on a substrate	8,906,218	December 9, 2014
Apparatus and Methods for Uniformly Forming Porous Semiconductor on a Substrate	9,890,465	February 13, 2018
Apparatus and Methods for Uniformly Forming Porous Semiconductor on a Substrate	10,829,864	November 10, 2020
Apparatus and Methods for Uniformly Forming Porous Semiconductor on a Substrate	2652774	October 11, 2017
Apparatus and Methods for Uniformly Forming Porous Semiconductor on a Substrate	10-2013-7014255	November 3, 2011
Apparatus and Methods for Uniformly Forming Porous Semiconductor on a Substrate	PCT/US11/59177	November 3, 2011
Double-Sided Reusable Template For Fabrication of Semiconductor Substrates For Photovoltaic Cell and Manufacturing	8,241,940	August 14, 2012
Double-Sided Reusable Template For Fabrication of Semiconductor Substrates For Photovoltaic Cell and Manufacturing	61/304,340	February 12, 2010
Apparatus for Forming Porous Silicon Layers on at Least Two Surfaces of a Plurality of Silicon Templates	9,401,276	July 26, 2016
Double-sided Reusable Template for Fabrication of Semiconductor Substrates for Photovoltaic Cell and Manufacturing	ZL2011800185 89.2	January 20, 2016
Double-sided Reusable Template for Fabrication of Semiconductor Substrates for Photovoltaic Cell and Manufacturing	PCT/US11/24670	February 12, 2011

Spectral Calibration of Imperfect Low Finesse Interferometers	62/720,806	August 21, 2018
Typing Biological Cells	17/728,726	April 25, 2022
System for Pathogen Detection	63,181,945	April 29, 2021
Typing Biological Cells	PCT/US22/26388	April 26, 2022
Field Calibration for Near Real-Time Fabry Perot Spectral Measurements	17/705,095	March 25, 2022
Field Calibration for Near Real-Time Fabry Perot Spectral Measurements	P CT/US22/51555	December 1, 2022
Wide-Field 3D Hyperspectral Imaging	63/403,358	September 2, 2022
Tag Identification	63/456,974	April 4, 2023
Wide-Field 3D Hyperspectral Imaging	63/529,196	July 27, 2023

EXHIBIT C

Trademarks

Description	Registration/ Application Number	Registration/ Application Date
TRUTAGS	Registration No. 4383788	August 13, 2013
TRUTAG	Serial No. 97930833	May 11, 2023
HINALEA	Registration No. 6102547	July 14, 2020
TRUNETIX	Registration No. 6672335	March 15, 2022
TRUSPECT	Registration No. 6859668	September 27, 2022
TAG-IT TECH	Registration No. 5903949	November 5, 2019
COVERTCOAT	Registration No. 6014377	March 17, 2020
NTS	Registration No. 5903950	November 5, 2019
TRUTAG	(International registration number 1158512), for the EU and China; (Reg. No. UK00801158512) United Kingdom	
HINALEA	(International registration number 1428445), for the EU, Russia, Singapore, India, Indonesia, Australia, South Korea, Japan; (Reg. No. TMA 1122583) Canada; (Reg. No. 1993850) Mexico; (Reg. No. UK00801428445) United Kingdom	
The Company owns the following China registered trademark for Class 9:	Registration No. 13136589, expiration date: 1/13/2025	

助泰 （Trutag in Chinese）

EXHIBIT D

Mask Works

Description	Registration/ Application Number	Registration/ Application Date
None.		