

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7138556

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	SECURITY INTEREST	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	MICATU INC.	01/21/2022
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	TRANSAMERICA LIFE INSURANCE COMPANY	
<b>Street Address:</b>	227 W. MONROE STREET, SUITE 6000	
<b>City:</b>	CHICAGO	
<b>State/Country:</b>	ILLINOIS	
<b>Postal Code:</b>	60606	
<b>PROPERTY NUMBERS Total: 35</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	16851945	
<b>Patent Number:</b>	9347973	
<b>Patent Number:</b>	9146358	
<b>Patent Number:</b>	7199571	
<b>Patent Number:</b>	8774587	
<b>PCT Number:</b>	HK1176410	
<b>Patent Number:</b>	9535097	
<b>Patent Number:</b>	8076925	
<b>Patent Number:</b>	8395372	
<b>Patent Number:</b>	9817038	
<b>Patent Number:</b>	9341653	
<b>Patent Number:</b>	9134344	
<b>Patent Number:</b>	10006944	
<b>Patent Number:</b>	10634704	
<b>Patent Number:</b>	10520381	
<b>Patent Number:</b>	10401169	
<b>Intl Reg Number:</b>	DM/048903	
<b>Patent Number:</b>	10465658	
<b>Intl Reg Number:</b>	DM/219626	
<b>Intl Reg Number:</b>	DM/140952	

PATENT

Property Type	Number
Patent Number:	10623099
Patent Number:	10175425
Intl Reg Number:	DM/178918
Intl Reg Number:	DM/118404
Intl Reg Number:	DM/168621
Intl Reg Number:	DM/128673
Patent Number:	10215621
Intl Reg Number:	DM/052192
Intl Reg Number:	DM/339308
Patent Number:	10663494
Intl Reg Number:	DM/349284
Intl Reg Number:	DM/178975
Intl Reg Number:	DM/329145
Intl Reg Number:	DM/209114
Patent Number:	10401377

**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:** 312-281-1116

**Email:** smaguire@hmbllaw.com

**Correspondent Name:** SUSAN MAGUIRE

**Address Line 1:** 500 W. MADISON ST., SUITE 3700

**Address Line 4:** CHICAGO, ILLINOIS 60661

<b>NAME OF SUBMITTER:</b>	SUSAN MAGUIRE
<b>SIGNATURE:</b>	/Susan Maguire/
<b>DATE SIGNED:</b>	01/25/2022

**Total Attachments: 7**

source=Executed Micatu Patent Security Agreement.tif#page1.tif

source=Executed Micatu Patent Security Agreement.tif#page2.tif

source=Executed Micatu Patent Security Agreement.tif#page3.tif

source=Executed Micatu Patent Security Agreement.tif#page4.tif

source=Executed Micatu Patent Security Agreement.tif#page5.tif

source=Executed Micatu Patent Security Agreement.tif#page6.tif

source=Executed Micatu Patent Security Agreement.tif#page7.tif

## PATENT SECURITY AGREEMENT

This Patent Security Agreement (this “**Agreement**”) is made as of January 21, 2022, by and between MICATU INC., a Delaware corporation (“**Grantor**”), and TRANSAMERICA LIFE INSURANCE COMPANY (“**Secured Party**”).

### RECITALS

A. Pursuant to that certain Loan and Security Agreement, dated the date hereof, by and among Grantor, as borrower, and Secured Party, as lender (as amended, restated, supplemented or otherwise modified from time to time, the “**Loan Agreement**”), Secured Party 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 the Loan Agreement. All capitalized terms used herein without definition shall have the meanings ascribed to them in the Loan Agreement.

B. Secured Party is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Secured Party a security interest in all of Grantor’s personal property whether presently existing or hereafter acquired. To that end, Grantor has executed in favor of Secured Party the Loan Agreement granting a security interest in all Collateral, and is executing this Agreement with respect to certain Patents, in particular.

NOW, THEREFORE, THE PARTIES HERETO AGREE AS FOLLOWS:

1. Grant of Security Interest. As collateral security for the prompt and complete payment and performance of all of Grantor’s present or future Obligations, Grantor hereby grants a security interest to Secured Party, as security, in and to Grantor’s entire right, title and interest in, to and under the following property, now owned or hereafter acquired by Grantor or in which Grantor now holds or hereafter acquires any interest (all of which shall collectively be called the “**Collateral**” for purposes of this Agreement):

(a) All letters patent of, or rights corresponding thereto in, the United States or any other country, all registrations and recordings thereof, and all applications for letters patent of, or rights corresponding thereto in, the United States or any other country, including, without limitation, registrations, recordings and applications in the United States Patent and Trademark Office or in any similar office or agency of the United States, any State thereof or any other country; all reissues, continuations, continuations-in-part or extensions thereof; all petty patents, divisionals, and patents of addition; and all patents to be issued under any such applications, including without limitation those set forth on Exhibit A attached hereto (collectively, the “**Patents**”);

(b) Any and all claims for damages by way of past, present and future infringement 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;

(c) All licenses or other rights to use any of the Patents and all license fees and royalties arising from such use to the extent permitted by such license or rights;

(d) All amendments, renewals and extensions of any of the Patents; and

(e) 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.

Notwithstanding the foregoing the term “Collateral” shall not include any contract, instrument or chattel paper in which Grantor has any right, title or interest if and to the extent such contract, instrument or chattel paper includes a provision containing a restriction on assignment such that the creation of a security interest in the right, title or interest

of Grantor therein would be prohibited and would, in and of itself, cause or result in a default thereunder enabling another person party to such contract, instrument or chattel paper to enforce any remedy with respect thereto; provided, however, that the foregoing exclusion shall not apply if (i) such prohibition has been waived or such other person has otherwise consented to the creation hereunder of a security interest in such contract, instrument or chattel paper, or (ii) such prohibition would be rendered ineffective pursuant to Sections 9-407(a) or 9-408(a) of the UCC, as applicable and as then in effect in any relevant jurisdiction, or any other applicable law (including the Bankruptcy Code or principles of equity); provided further that immediately upon the ineffectiveness, lapse or termination of any such provision, the term "Collateral" shall include, and Grantor shall be deemed to have granted a security interest in, all its rights, title and interests in and to such contract, instrument or chattel paper as if such provision had never been in effect; and provided further that the foregoing exclusion shall in no way be construed so as to limit, impair or otherwise affect Secured Party's unconditional continuing security interest in and to all rights, title and interests of Grantor in or to any payment obligations or other rights to receive monies due or to become due under any such contract, instrument or chattel paper and in any such monies and other proceeds of such contract, instrument or chattel paper.

2. Covenants and Warranties. Grantor represents, warrants, covenants and agrees as follows:

- (a) Grantor has rights (as defined in the UCC) in the Collateral, except for Permitted Liens;
- (b) During the term of this Agreement, Grantor will not transfer or otherwise encumber any interest in the Collateral, except for Permitted Liens and except for transfers otherwise permitted under the Loan Agreement;
- (c) To its knowledge, each of the Patents is valid and enforceable, and no part of the Collateral has been judged invalid or unenforceable, in whole or in part, and no claim has been made that any part of the Collateral violates the rights of any third party;
- (d) Grantor shall deliver to Secured Party within thirty (30) days of the last day of each fiscal quarter, a report signed by Grantor, in form reasonably acceptable to Secured Party, listing (i) any applications or registrations that Grantor has made or filed in respect of any patents, (ii) the status of any outstanding applications or registrations and (iii) any material change in the composition of the Collateral;
- (e) Grantor shall use reasonable commercial efforts to (i) protect, defend and maintain the validity and enforceability of the Patents, (ii) detect infringements of the Patents and promptly advise Secured Party in writing of material infringements detected, and (iii) not allow any material Patents to be abandoned, forfeited or dedicated to the public unless Grantor deems it to be in the best interest of Grantor's business;
- (f) Grantor shall apply for registration (to the extent not already registered) with the United States Patent and Trademark Office: (i) those intellectual property rights listed on Exhibit A hereto within thirty (30) days of the date of this Agreement; and (ii) those additional intellectual property rights developed or acquired by Grantor from time to time in connection with any product or service, prior to the sale or licensing of such product or the rendering of such service to any third party (including without limitation revisions or additions to the intellectual property rights listed on such Exhibit A), except, in each case, with respect to such rights that Grantor determines in its sole but reasonable commercial judgment need not be registered to protect its own business interests. Grantor shall, from time to time, execute and file such other instruments, and take such further actions as Secured Party may reasonably request from time to time to perfect or continue the perfection of Secured Party's interest in the Collateral; and
- (g) Grantor shall not enter into any agreement that would materially impair or conflict with Grantor's obligations hereunder without Secured Party's prior written consent, which consent shall not be unreasonably withheld. Grantor shall not permit the inclusion in any material contract to which it becomes a party of any provisions that could or might in any way prevent the creation of a security interest in Grantor's rights and interests

in any property included within the definition of the Collateral acquired under such contracts, except for provisions in such material contracts as are referenced in the last paragraph of Section 1 of this Agreement.

3. Further Assurances: Attorney in Fact.

(a) On a continuing basis, Grantor will make, execute, acknowledge and deliver, and file and record in the proper filing and recording places in the United States, all such instruments, including appropriate financing and continuation statements and collateral agreements and filings with the United States Patent and Trademark Office, and take all such action as may reasonably be deemed necessary or advisable, or as reasonably requested by Secured Party, to perfect Secured Party's security interest in all Patents and otherwise to carry out the intent and purposes of this Agreement, or for assuring and confirming to Secured Party the grant or perfection of a security interest in all Collateral.

(b) Grantor hereby irrevocably appoints Secured Party as Grantor's attorney-in-fact, with full authority in the place and stead of Grantor and in the name of Grantor, from time to time in Secured Party's discretion, to take any action and to execute any instrument which Secured Party may deem necessary or advisable to accomplish the purposes of this Agreement, including (i) to modify, in its sole discretion, this Agreement without first obtaining Grantor's approval of or signature to such modification by amending Exhibit A, hereof, as appropriate, to include reference to any right, title or interest in any Patents acquired by Grantor after the execution hereof or to delete any reference to any right, title or interest in any Patents in which Grantor no longer has or claims any right, title or interest, (ii) to file, in its sole discretion, one or more financing or continuation statements and amendments thereto, relative to any of the Collateral without the signature of Grantor where permitted by law, and (iii) after the occurrence and during the continuance of an Event of Default, to transfer the Collateral into the name of Secured Party or a third party to the extent permitted under the New York Uniform Commercial Code.

4. Events of Default. The occurrence of any of the following shall constitute an Event of Default under this Agreement:

(a) An Event of Default under the Loan Agreement; or

(b) Grantor breaches in any material respect any warranty or agreement made by Grantor in this Agreement and, as to any breach that is capable of cure, Grantor fails to cure such breach within thirty (30) days of the sooner to occur of Grantor's receipt of notice of such breach from Secured Party or the date on which such breach first becomes known to Grantor.

5. Amendments. This Agreement may be amended only by a written instrument signed by both parties hereto, except for amendments permitted under Section 3 hereof to be made by Secured Party alone.

6. Notices. Any notices required to be made hereunder shall be made in accordance with the terms of the Loan Agreement.

7. Counterparts. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

*[Signature Pages Follow]*

**IN WITNESS WHEREOF**, the parties have executed this Agreement as of the date first above written.

**SECURED PARTY:**

TRANSAMERICA LIFE INSURANCE COMPANY

By: Aegon USA Investment Management, LLC  
Its: Investment Manager

DocuSigned by:  
*James H. Rich, III*  
By: \_\_\_\_\_  
Name: James H. Rich, III  
Title: Vice President

**GRANTOR:**

MICATU INC.

By: \_\_\_\_\_  
Name: Michael Oshetski  
Title: Chief Executive Officer

**IN WITNESS WHEREOF**, the parties have executed this Agreement as of the date first above written.

**SECURED PARTY:**

TRANSAMERICA LIFE INSURANCE COMPANY

By: Aegon USA Investment Management, LLC  
Its: Investment Manager

By: \_\_\_\_\_  
Name: James H. Rich, III  
Title: Vice President

**GRANTOR :**

MICATU INC.

*Michael Oshetski*  
By: \_\_\_\_\_  
Name: Michael Oshetski  
Title: Chief Executive Officer

**EXHIBIT A**

**Patents**

All owned by Grantor

Publication Number	Title	Application Date	Publication Date	Issue Date	Inventor Name	Current Assignee
US9347973	Stress control assembly and methods of making the same	2014-05-15	2016-05-24	2016-05-24	DAVIS, PHILIP B.   CONDON, EDWARD B.   KENWORTHY, GRANT E.	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US20140340806A1	Stress control assembly and methods of making the same	2014-05-15	2014-11-20	-	DAVIS, PHILIP B.   CONDON, EDWARD B.   KENWORTHY, GRANT E.	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US9146358	Collimator holder for electro-optical sensor	2013-07-16	2015-09-29	2015-09-29	DAVIS, PHILIP B.   LI, YE	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US20150023629A1	Collimator holder for electro-optical sensor	2013-07-16	2015-01-22	-	DAVIS, PHILIP B.   LI, YE	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US7199571	Probe apparatus for use in a separable connector, and systems including same	2004-07-27	2007-04-03	2007-04-03	JOHNSON, LEONARD A.   HARLEV, JOSEPH YOSSII   BRANNING, JR., JOHN M.   ELLIOTT, ROBERT D.	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US20060022683A1	Probe apparatus for use in a separable connector, and systems including same	2004-07-27	2006-02-02	-	JOHNSON, LEONARD A.   HARLEV, JOSEPH YOSSII   BRANNING, JOHN M. JR.   ELLIOTT, ROBERT D.	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US20140212100A1	Stress control structure for optical fibers in a high voltage environment	2013-01-26	2014-07-31	-	DAVIS, PHILIP B.   PRINCE, STEPHEN   KENWORTHY, GRANT   CONDON, EDWARD	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US8774587	Stress control structure for optical fibers in a high voltage environment	2013-01-26	2014-07-08	2014-07-08	DAVIS, PHILIP B.   PRINCE, STEPHEN   KENWORTHY, GRANT   CONDON, EDWARD	GRIDVIEW OPTICAL SOLUTIONS, LLC.
HK1176410A1	Optical sensor assembly and method for measuring current in an electric power distribution system	2013-04-01	2015-08-21	2015-08-21	JOHNSON, LEONARD   HARLEV, JOSEPH YOSSII   VEAZEY, RHAD   KONETSKI, THEODORE	Gridview Optical Solutions, LLC.
US9535097	Electro-optic current sensor with high dynamic range and accuracy	2014-05-15	2017-01-03	2017-01-03	DAVIS, PHILIP B.   LI, YE   KONETSKI, THEODORE C.	GRIDVIEW OPTICAL SOLUTIONS, LLC.
IN3875CHENP2012A	Optical sensor assembly and method for measuring current in an electric power distribution system	2012-05-02	2014-02-07	-	JOSEPH YOSSII HARLEV   LEONARD JOHNSON   RHAD VEAZEY   EDWARD KONETSKI	GRIDVIEW OPTICAL SOLUTIONS, LLC
EP2494392A4	Optical sensor assembly and method for measuring current in an electric power distribution system	2010-10-27	2017-05-03	-	HARLEV, JOSEPH YOSSII   VEAZEY, RHAD   KONETSKI, THEODORE   JOHNSON, LEONARD	GRIDVIEW OPTICAL SOLUTIONS, LLC
US20140300341A1	Electro-optic current sensor with high dynamic range and accuracy	2014-05-15	2014-10-09	-	DAVIS, PHILIP B.   LI, YE   KONETSKI, THEODORE C.	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US20130033267A1	Optical sensor assembly for installation on a current carrying cable	2012-07-19	2013-02-07	-	HARLEV, JOSEPH YOSSII   JOHNSON, LEONARD   VEAZEY, RHAD   KONETSKI, THEODORE	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US8076925	Optical sensor assembly for installation on a current carrying cable	2009-10-28	2011-12-13	2011-12-13	HARLEV, JOSEPH YOSSII   VEAZEY, RHAD   JOHNSON, LEONARD   KONETSKI, THEODORE	GRIDVIEW OPTICAL SOLUTIONS, LLC.
EP2494392A1	Optical sensor assembly and method for measuring current in an electric power distribution system	2010-10-27	2012-09-05	-	HARLEV, JOSEPH YOSSII   VEAZEY, RHAD   KONETSKI, THEODORE   JOHNSON, LEONARD	GRIDVIEW OPTICAL SOLUTIONS, LLC
CA2786187A1	Optical sensor assembly and method for measuring current in an electric power distribution system	2010-10-27	2011-05-05	-	HARLEV JOSEPH YOSSII   VEAZEY RHAD   KONETSKI THEODORE   JOHNSON LEONARD	GRIDVIEW OPTICAL SOLUTIONS, LLC.
CA2965024A1	Optical sensor assembly and method for measuring current in an electric power distribution system	2010-10-27	2011-05-05	-	HARLEV JOSEPH YOSSII   VEAZEY RHAD   KONETSKI THEODORE   JOHNSON LEONARD	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US8395372	Method for measuring current in an electric power distribution system	2009-11-05	2013-03-12	2013-03-12	HARLEV, JOSEPH YOSSII   VEAZEY, RHAD   JOHNSON, LEONARD   KONETSKI, THEODORE	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US20160069936A1	Optical sensor assembly for installation on a current carrying cable	2015-09-14	2016-03-10	-	HARLEV, JOSEPH YOSSII   JOHNSON, LEONARD   VEAZEY, RHAD   KONETSKI, THEODORE	GRIDVIEW OPTICAL SOLUTIONS, LLC
US9817038	Electro-optic current sensor with high dynamic range and accuracy	2016-12-23	2017-11-14	2017-11-14	DAVIS, PHILIP B.   LI, YE   KONETSKI, THEODORE C.	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US9341653	Optical sensor assembly for installation on a current carrying cable	2015-09-14	2016-05-17	2016-05-17	HARLEV, JOSEPH YOSSII   JOHNSON, LEONARD   VEAZEY, RHAD   KONETSKI, THEODORE	GRIDVIEW OPTICAL SOLUTIONS, LLC
US20110095749A1	Optical sensor assembly for installation on a current carrying cable	2009-10-28	2011-04-28	-	HARLEV, JOSEPH YOSSII   VEAZEY, RHAD   JOHNSON, LEONARD   KONETSKI, THEODORE	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US9134344	Optical sensor assembly for installation on a current carrying cable	2012-07-19	2015-09-15	2015-09-15	HARLEV, JOSEPH YOSSII   JOHNSON, LEONARD   VEAZEY, RHAD   KONETSKI, THEODORE	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US20110095750A1	Method for measuring current in an electric power distribution system	2009-11-05	2011-04-28	-	HARLEV, JOSEPH YOSSII   VEAZEY, RHAD   JOHNSON, LEONARD   KONETSKI, THEODORE	GRIDVIEW OPTICAL SOLUTIONS, LLC.
HK1176410A	Optical sensor assembly and method for measuring current in an electric power distribution system	2013-04-01	2015-08-21	-	JOHNSON, LEONARD   HARLEV, JOSEPH YOSSII   VEAZEY, RHAD   KONETSKI, THEODORE	Gridview Optical Solutions, LLC.
US20170108540A1	Electro-optic current sensor with high dynamic range and accuracy	2016-12-23	2017-04-20	-	DAVIS, PHILIP B.   LI, YE   KONETSKI, THEODORE C.	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US20180059144A1	Electro-optic current sensor with high dynamic range and accuracy	2017-11-06	2018-03-01	-	DAVIS, PHILIP B.   LI, YE   KONETSKI, THEODORE C.   FIORILLE, ANTHONY   LARATTA, WILLIAM   PRADHAN, ATUL   OSHETSKI, MICHAEL	GRIDVIEW OPTICAL SOLUTIONS, LLC.
US10006944	Electro-optic current sensor with high dynamic range and accuracy	2017-11-06	2018-06-26	2018-06-26	DAVIS, PHILIP B.   LI, YE   KONETSKI, THEODORE C.   FIORILLE, ANTHONY   LARATTA, WILLIAM   PRADHAN, ATUL   OSHETSKI, MICHAEL	GRIDVIEW OPTICAL SOLUTIONS, LLC.
CA2786187C	Optical sensor assembly and method for measuring current in an electric power distribution system	2010-10-27	2019-03-19	2019-03-19	HARLEV, JOSEPH YOSSII   VEAZEY, RHAD   KONETSKI, THEODORE   JOHNSON, LEONARD	GRIDVIEW OPTICAL SOLUTIONS, LLC.
CA2965024C	Optical sensor assembly and method for measuring current in an electric power distribution system	2010-10-27	2019-07-23	2019-07-23	HARLEV, JOSEPH YOSSII   VEAZEY, RHAD   KONETSKI, THEODORE   JOHNSON, LEONARD	GRIDVIEW OPTICAL SOLUTIONS, LLC.
IN320557B	Optical sensor assembly and method for measuring current in an electric power distribution system	2012-05-02	2019-09-16	2019-09-16	JOSEPH YOSSII HARLEV   LEONARD JOHNSON   RHAD VEAZEY   EDWARD KONETSKI	GRIDVIEW OPTICAL SOLUTIONS, LLC

52	OPTICAL PROBE/S FOR TAGS SENSOR ASSEMBLY DEVICE AND METHODS OF USE THEREOF	Micatu Inc.	0	18/01/1945	2018/04/03	Pending	04/17/2023
----	---	-------------	---	------------	------------	---------	------------



Publication Number	Title	Application Date	Publication Date	Issue Date	Inventor Name	Current Assignee
US10634704	Optical pockels voltage sensor assembly device and methods of use thereof	2017-08-17	2020-04-28	2020-04-28	PRADHAN, ATUL   OSHETSKI, MICHAEL   STELICK, SCOTT   SPERRICK, JOSHUA ANDREW   LARATTA, WILLIAM	MICATU, INC.
WO2020010005A1	Devices and methods for monitoring safety cables	2019-07-01	2020-01-09	-	OSHETSKI, MICHAEL   KENNEDY, JAMES   LARATTA, WILLIAM   PRADHAN, ATUL	MICATU INC.
US20180321101A1	Photonic pressure sensor device and methods of use thereof	2018-05-07	2018-11-08	-	PRADHAN, ATUL   STELICK, SCOTT	MICATU INC.
US10520381	Photonic pressure sensor device and methods of use thereof	2018-05-07	2019-12-31	2019-12-31	PRADHAN, ATUL   STELICK, SCOTT	MICATU INC.
US20170102234A1	Enhanced power transmission tower condition monitoring system for overhead power systems	2016-10-11	2017-04-13	-	OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
US10401189	Enhanced power transmission tower condition monitoring system for overhead power systems	2016-10-11	2019-09-03	2019-09-03	OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
WO2017048903A1	Optical condition monitoring system for a wind turbine generator and methods of use thereof	2016-09-15	2017-03-23	-	OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
US20190048854A1	Optical condition monitoring system for a wind turbine generator and methods of use thereof	2016-09-15	2019-02-14	-	OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
US10485658	Optical condition monitoring system for a wind turbine generator and methods of use thereof	2016-09-15	2019-11-05	2019-11-05	OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
US20180219626A1	Modular opto-electronic telemetry device and methods thereof	2018-01-30	2018-08-02	-	WALKER, KRIS   KENNEDY, JAMES   OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
WO2018140952A1	Modular opto-electronic telemetry device and methods thereof	2018-01-30	2018-08-02	-	WALKER, KRIS   KENNEDY, JAMES   OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
US10623099	Modular opto-electronic telemetry device and methods thereof	2018-01-30	2020-04-14	2020-04-14	WALKER, KRIS   KENNEDY, JAMES   OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
US20180017734A1	Integrated polarizing and analyzing optical fiber collimator device and methods of use thereof	2017-07-12	2018-01-18	-	PRADHAN, ATUL   STELICK, SCOTT	MICATU INC.
WO2018013709A1	An integrated polarizing and analyzing optical fiber collimator device and methods of use thereof	2017-07-12	2018-01-18	-	PRADHAN, ATUL   STELICK, SCOTT	MICATU INC.
US10175425	Integrated polarizing and analyzing optical fiber collimator device and methods of use thereof	2017-07-12	2019-01-08	2019-01-08	PRADHAN, ATUL   STELICK, SCOTT	MICATU INC.
EP3485306A1	An integrated polarizing and analyzing optical fiber collimator device and methods of use thereof	2017-07-12	2019-05-22	-	PRADHAN, ATUL   STELICK, SCOTT	MICATU INC.
EP3485306A4	An integrated polarizing and analyzing optical fiber collimator device and methods of use thereof	2017-07-12	2020-02-26	-	PRADHAN, ATUL   STELICK, SCOTT	MICATU INC.
US20190178918A1	Electric field detection device and methods of use thereof	2018-12-11	2019-06-13	-	KENNEDY, JAMES   PRADHAN, ATUL   OSHETSKI, MICHAEL   LARATTA, WILLIAM	MICATU INC.
WO2019118404A1	An electric field detection device and methods of use thereof	2018-12-11	2019-06-20	-	KENNEDY, JAMES   PRADHAN, ATUL   OSHETSKI, MICHAEL   LARATTA, WILLIAM	MICATU INC.
CA3084063A1	An electric field detection device and methods of use thereof	2018-12-11	2019-06-20	-	KENNEDY, JAMES   PRADHAN, ATUL   OSHETSKI, MICHAEL   LARATTA, WILLIAM	MICATU INC.
CA2982565A1	Enhanced optical condition monitoring system for power transformer and method for operating power transformer	2016-04-15	2016-10-20	-	OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
WO2016168621A1	Enhanced optical condition monitoring system for power transformer and method for operating power transformer	2016-04-15	2016-10-20	-	OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
EP3283859A1	Enhanced optical condition monitoring system for power transformer and method for operating power transformer	2016-04-15	2018-02-21	-	OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
US20180128673A1	Enhanced optical condition monitoring system for power transformer and method for operating power transformer	2016-04-15	2018-05-10	-	OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
EP3283859A4	Enhanced optical condition monitoring system for power transformer and method for operating power transformer	2016-04-15	2019-01-02	-	OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
US10215621	Enhanced optical condition monitoring system for power transformer and method for operating power transformer	2016-04-15	2019-02-26	2019-02-26	OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
EP3283859B1	Enhanced optical condition monitoring system for power transformer and method for operating power transformer	2016-04-15	2020-02-12	2020-02-12	OSHETSKI, MICHAEL   PRADHAN, ATUL	MICATU INC.
US20180052192A1	Optical pockels voltage sensor assembly device and methods of use thereof	2017-08-17	2018-02-22	-	PRADHAN, ATUL   OSHETSKI, MICHAEL   STELICK, SCOTT   SPERRICK, JOSHUA ANDREW   LARATTA, WILLIAM	MICATU, INC.
WO2018035313A1	An optical pockels voltage sensor assembly device and methods of use thereof	2017-08-17	2018-02-22	-	OSHETSKI, MICHAEL   PRADHAN, ATUL   STELICK, SCOTT   SPERRICK, JOSHUA, ANDREW   LARATTA, WILLIAM	MICATU INC.
EP3501068A1	An optical pockels voltage sensor assembly device and methods of use thereof	2017-08-17	2019-06-26	-	OSHETSKI, MICHAEL   PRADHAN, ATUL   STELICK, SCOTT   SPERRICK, JOSHUA, ANDREW   LARATTA, WILLIAM	MICATU INC.
US20190339308A1	Optical pockels voltage sensor assembly device and methods of use thereof	2019-05-16	2019-11-07	-	PRADHAN, ATUL   OSHETSKI, MICHAEL   STELICK, SCOTT   SPERRICK, JOSHUA ANDREW   LARATTA, WILLIAM	MICATU, INC.
EP3501068A4	An optical pockels voltage sensor assembly device and methods of use thereof	2017-08-17	2020-05-13	-	OSHETSKI, MICHAEL   PRADHAN, ATUL   STELICK, SCOTT   SPERRICK, JOSHUA, ANDREW   LARATTA, WILLIAM	MICATU INC.
US10663494	Optical Pockels voltage sensor assembly device and methods of use thereof	2019-05-16	2020-05-26	2020-05-26	PRADHAN, ATUL   OSHETSKI, MICHAEL   STELICK, SCOTT   SPERRICK, JOSHUA ANDREW   LARATTA, WILLIAM	MICATU, INC.
US20180349284A1	An optical sensor system and methods of use thereof	2015-02-13	2018-12-01	-	PRADHAN, ATUL   OSHETSKI, MICHAEL	MICATU INC.
CA2942677A1	An optical sensor system and methods of use thereof	2015-02-13	2015-11-26	-	PRADHAN, ATUL   OSHETSKI, MICHAEL	MICATU INC.
WO2015178975A2	An optical sensor system and methods of use thereof	2015-02-13	2015-11-26	-	PRADHAN, ATUL   OSHETSKI, MICHAEL	MICATU INC.
WO2015178975A3	An optical sensor system and methods of use thereof	2015-02-13	2016-01-21	-	PRADHAN, ATUL   OSHETSKI, MICHAEL	MICATU INC.
EP3105599A4	An optical sensor system and methods of use thereof	2015-02-13	2017-10-11	-	PRADHAN, ATUL   OSHETSKI, MICHAEL	MICATU INC.
EP3105599A2	An optical sensor system and methods of use thereof	2015-02-13	2016-12-21	-	PRADHAN, ATUL   OSHETSKI, MICHAEL	MICATU INC.
US20180329145A1	Multiple optical fiber tap device and methods of use thereof	2018-05-10	2018-11-15	-	KENNEDY, JAMES   STELICK, SCOTT   WALKER, KRIS   PRADHAN, ATUL	MICATU INC.
WO2018209114A1	A multiple optical fiber tap device and methods of use thereof	2018-05-10	2018-11-15	-	KENNEDY, JAMES   STELICK, SCOTT   WALKER, KRIS   PRADHAN, ATUL	MICATU INC.
US10401377	Optical sensor system and methods of use thereof	2015-02-13	2019-09-03	2019-09-03	PRADHAN, ATUL   OSHETSKI, MICHAEL	MICATU INC.
EP3105599B1	An optical sensor system and methods of use thereof	2015-02-13	2020-04-01	2020-04-01	PRADHAN, ATUL   OSHETSKI, MICHAEL	MICATU INC.
HK40009148A	An integrated polarizing and analyzing optical fiber collimator device and methods of use thereof	2019-11-22	2020-06-19	-	PRADHAN, ATUL   STELICK, SCOTT	MICATU INC.
CZ3283859B6	Enhanced optical condition monitoring system for power transformer and method for operating power transformer	2016-04-15	2020-02-12	2020-02-12	OSHETSKI, MICHAEL, HORSEHEADS   PRADHAN, ATUL, PITTSFORD	MICATU INC.
IN201647031286A	An optical sensor system and methods of use thereof	2016-09-14	2018-11-11	-	PRADHAN ATUL   OSHETSKI MICHAEL	MICATU INC.

\* Canadian Patents are included herein for the purposes of completeness of disclosures to the Secured Party, understanding that the USPTO cannot register these.