

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM799401

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
NEWLIGHT CAPITAL LLC		02/10/2023	Limited Liability Company: NORTH CAROLINA
UMB Bank, National Association, As Trustee		02/10/2023	Association: UNITED STATES
RECEIVING PARTY DATA			
Name:	Tigo Energy, Inc.		
Street Address:	655 Campbell Technology Parkway, Suite 150		
City:	Campbell		
State/Country:	CALIFORNIA		
Postal Code:	95008		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 4			
Property Type	Number	Word Mark	
Registration Number:	3773090	TIGO	
Registration Number:	3845975	TIGO ENERGY	
Registration Number:	3773091	TIGO	
Registration Number:	3838677	TIGO ENERGY	
CORRESPONDENCE DATA			
Fax Number:			
<i>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.</i>			
Email:	tm@cpdb.com		
Correspondent Name:	Karen S. Frank		
Address Line 1:	ONE MONTGOMERY STREET, SUITE 3000		
Address Line 4:	San Francisco, CALIFORNIA 94104		
NAME OF SUBMITTER:	Karen S. Frank		
SIGNATURE:	/karen s frank/		
DATE SIGNED:	03/31/2023		
Total Attachments: 14			
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TERMINATION AND RELEASE OF
SHORT FORM INTELLECTUAL PROPERTY SECURITY AGREEMENT

This TERMINATION AND RELEASE OF SHORT FORM INTELLECTUAL PROPERTY SECURITY AGREEMENT (this “IP Release”) is made as of February 10, 2023, by **NEWLIGHT CAPITAL LLC**, a North Carolina limited liability company, as servicer (“Servicer”), (i) for itself and for the benefit of **UMB BANK, NATIONAL ASSOCIATION**, as Trustee, solely in its capacity as disbursing agent (“Disbursing Agent”) and the Insurer, and (ii) as collateral agent for the benefit of the Trustee under the Trust Indenture, in favor of **TIGO ENERGY, INC.**, a Delaware corporation (the “Grantor”).

WHEREAS, pursuant to that certain Intellectual Property Security Agreement, dated as of January 18, 2022 (the “IP Security Agreement”; initially capitalized terms used herein without definition shall have the meaning set forth in the IP Security Agreement), the Grantor granted and pledged to the Servicer a security interest (the “Security Interest”) in the Grantor’s right, title and interest in, to certain IP Collateral of the Grantor;

WHEREAS, pursuant to the IP Security Agreement, the Grantor executed and delivered to the Servicer a Short Form Intellectual Property Security Agreement, dated as of January 18, 2022 (the “Short Form IP Security Agreement”), which was recorded (i) with the Patent Division of the United States Patent and Trademark Office (the “USPTO”) on January 18, 2022 at Reel 058755, Frame 0516 and (ii) with the Trademark Division of the USPTO on January 20, 2022 at Reel 007563, Frame 0804; and

WHEREAS, the Grantor has requested that the Servicer execute this IP Release in order to terminate and release the Servicer’s Security Interest in the IP Collateral.

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged:

1. Release of Lien. The Servicer hereby terminates the Short Form IP Security Agreement and hereby terminates, cancels and releases the Security Interest in the IP Collateral, including (a) those Patents, registrations, and applications referred to on Exhibit A attached hereto and all reissues, continuations, divisions, continuations-in-part, renewals or extensions thereof, and (b) all Trademark registrations and applications referred to on Exhibit B attached hereto.

2. Authorization to Record. The Servicer authorizes and requests that the USPTO and any applicable government officer record this IP Release.

3. Governing Law. THIS IP RELEASE SHALL BE GOVERNED BY NEW YORK LAW, WITHOUT REGARD TO PRINCIPLES OF CONFLICTS OF LAW THAT WOULD RESULT IN THE APPLICATION OF THE LAW OF A STATE OTHER THAN NEW YORK.

4. Counterparts. This IP Release may be executed in any number of separate counterparts, each of which shall, collectively and separately, constitute one agreement.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned has caused this IP Release to be duly executed as of the date first written above.

NEWLIGHT CAPITAL LLC,
as Servicer

By: *Alexis Coyle*
Name: Alexis Coyle
Title: COO

IN WITNESS WHEREOF, the undersigned has caused this IP Release to be duly executed as of the date first written above.

UMB BANK, NATIONAL ASSOCIATION,
as Trustee

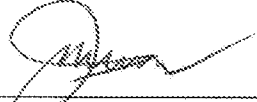
By: 
Name: Julius R. Zamora
Title: Vice President

EXHIBIT A

Patents

(see attached)

Title	Country	Status	Filed Date	Application No.	Grant Date	Patent No.	Owner
METHOD AND SYSTEM TO PROVIDE A DISTRIBUTED LOCAL ENERGY PRODUCTION SYSTEM WITH HIGH-VOLTAGE DC BUS	United States of America	Granted	10/19/2007	11/875,799	6/10/2014	8,751,053	Tigo Energy, Inc.
APPARATUSES AND METHODS TO REDUCE SAFETY RISKS ASSOCIATED WITH PHOTOVOLTAIC SYSTEMS	China	Granted	10/30/2008	200880114564.0	7/10/2013	CN101849292B	Tigo Energy, Inc.
APPARATUSES AND METHODS TO REDUCE SAFETY RISKS ASSOCIATED WITH PHOTOVOLTAIC SYSTEMS	European Patent	Published	10/30/2008	08845104.2			Tigo Energy, Inc.
APPARATUSES AND METHODS TO REDUCE SAFETY RISKS ASSOCIATED WITH PHOTOVOLTAIC SYSTEMS	United States of America	Granted	10/20/2008	12/254,780	2/8/2011	7,884,278	Tigo Energy, Inc.
APPARATUSES AND METHODS TO REDUCE SAFETY RISKS ASSOCIATED WITH PHOTOVOLTAIC SYSTEMS	United States of America	Granted	2/5/2009	12/366,597	10/5/2010	7,807,919	Tigo Energy, Inc.
METHOD AND SYSTEM FOR CONNECTING SOLAR CELLS OR SLICES IN A PANEL SYSTEM	China	Granted	11/10/2008	200880114659.2	4/3/2013	ZL200880114659.2	Tigo Energy, Inc.
METHOD AND SYSTEM FOR CONNECTING SOLAR CELLS OR SLICES IN A PANEL SYSTEM	European Patent	Granted	11/10/2008	08850862.7	12/1/2021	2188844	Tigo Energy, Inc.
METHOD AND SYSTEM FOR CONNECTING SOLAR CELLS OR SLICES IN A PANEL SYSTEM	United States of America	Granted	10/17/2008	12/253,868	12/22/2015	9,218,013	Tigo Energy, Inc.
METHOD AND SYSTEM FOR CONNECTING SOLAR CELLS OR SLICES IN A PANEL SYSTEM	United States of America	Published	12/9/2015	14/964,342			Tigo Energy, Inc.
APPARATUSES AND METHODS TO CONNECT POWER SOURCES TO AN ELECTRIC POWER SYSTEM	United States of America	Granted	10/29/2008	12/260,720	3/1/2011	7,898,112	Tigo Energy, Inc.
STEP-UP CONVERTER SYSTEMS AND METHODS	United States of America	Granted	8/29/2008	12/202,110	1/17/2012	8,098,055	Tigo Energy, Inc.
SYSTEMS TO CONNECT MULTIPLE DIRECT CURRENT ENERGY SOURCES TO AN ALTERNATING CURRENT SYSTEM	United States of America	Granted	12/19/2008	12/340,540	11/15/2011	8,058,747	Tigo Energy, Inc.
SYSTEM TO AN ALTERNATING CURRENT SYSTEM							
SYSTEMS AND METHODS TO BALANCE SOLAR PANELS IN A MULTI-PANEL SYSTEM	China	Granted	6/18/2009	2009980100766.4	3/13/2013	ZL2009980100766.4	Tigo Energy, Inc.
SYSTEMS AND METHODS TO BALANCE SOLAR PANELS IN A MULTI-PANEL SYSTEM	Japan	Granted	6/18/2009	2011-537441	12/13/2013	5430669	Tigo Energy, Inc.

SYSTEMS AND METHODS TO BALANCE SOLAR PANELS IN A MULTI-PANEL SYSTEM	United States of America	Granted	3/25/2009	12/411,317	10/13/2009	7,602,080	Tigo Energy, Inc.
SYSTEMS AND METHODS TO BALANCE SOLAR PANELS IN A MULTI-PANEL SYSTEM	United States of America	Granted	9/25/2009	12/567,169	10/14/2014	8,860,246	Tigo Energy, Inc.
SYSTEMS AND METHODS TO BALANCE SOLAR PANELS IN A MULTI-PANEL SYSTEM	United States of America	Granted	10/13/2014	14/512,786	10/23/2018	10,110,007	Tigo Energy, Inc.
SYSTEMS AND METHODS TO BALANCE SOLAR PANELS IN A MULTI-PANEL SYSTEM	United States of America	Granted	10/16/2018	16/161,987	4/7/2020	10,615,603	Tigo Energy, Inc.
SYSTEMS AND METHODS TO BALANCE SOLAR PANELS IN A MULTI-PANEL SYSTEM	United States of America	Published	4/6/2020	16/841,400			Tigo Energy, Inc.
METHOD AND SYSTEM FOR CURRENT-MODE POWER LINE COMMUNICATIONS	United States of America	Granted	5/15/2009	12/467,117	2/18/2014	8,653,689	Tigo Energy, Inc.
METHOD AND SYSTEM FOR COST-EFFECTIVE POWER LINE COMMUNICATIONS FOR SENSOR DATA COLLECTION	United States of America	Granted	5/15/2009	12/467,116	12/4/2012	8,325,059	Tigo Energy, Inc.
A DEVICE FOR DISTRIBUTED MAXIMUM POWER TRACKING FOR SOLAR ARRAYS	Australia	Granted	7/12/2005	2005262278	1/19/2006	2005262278	Queensland State Department of Public Works, Central Queensland
DEVICE FOR DISTRIBUTED MAXIMUM POWER TRACKING FOR SOLAR ARRAYS	United States of America	Granted	7/12/2005	11/571,603	11/3/2010	7,839,022	Tigo Energy, Inc.
DEVICE FOR DISTRIBUTED MAXIMUM POWER TRACKING FOR SOLAR ARRAYS	United States of America	Granted	11/23/2010	12/953,337	1/10/2012	8,093,757	Tigo Energy, Inc.
DEVICE FOR DISTRIBUTED MAXIMUM POWER TRACKING FOR SOLAR ARRAYS	United States of America	Granted	12/9/2011	13/316,388	2/24/2015	8,963,518	Tigo Energy, Inc.
DEVICE FOR DISTRIBUTED MAXIMUM POWER TRACKING FOR SOLAR ARRAYS	United States of America	Granted	2/12/2015	14/620,805	3/14/2017	9,594,392	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR USING A POWER CONVERTER FOR TRANSMISSION OF DATA OVER THE POWER FEED	United States of America	Granted	7/21/2009	12/506,929	10/14/2014	8,860,241	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR A COMMUNICATION PROTOCOL BETWEEN A LOCAL CONTROLLER AND A MASTER CONTROLLER	United States of America	Granted	9/30/2010	12/895,745	7/8/2014	8,773,236	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ENHANCED EFFICIENCY AUXILIARY POWER SUPPLY MODULE	United States of America	Granted	5/25/2010	12/787,205	9/22/2015	9,143,036	Tigo Energy, Inc.

SYSTEMS AND METHODS FOR ENHANCED EFFICIENCY AUXILIARY POWER SUPPLY MODULE	United States of America	Granted	8/10/2015	14,822,227	2/28/2017	9,584,021	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ENHANCED EFFICIENCY AUXILIARY POWER SUPPLY MODULE	United States of America	Granted	12/28/2016	15,392,960	5/8/2018	9,966,848	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR ENHANCED EFFICIENCY AUXILIARY POWER SUPPLY MODULE	United States of America	Granted	5/2/2018	15,969,607	6/25/2019	10,333,405	Tigo Energy, Inc.
ENHANCED BATTERY STORAGE AND RECOVERY ENERGY SYSTEMS	United States of America	Granted	10/12/2009	12,577,698	3/26/2013	8,405,349	Tigo Energy, Inc.
SYSTEM AND METHOD FOR THEFT PREVENTION AND SECURE CERTIFICATE EXCHANGE	United States of America	Granted	1/6/2011	12,985,883	9/18/2012	8,271,599	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR AN IDENTIFICATION PROTOCOL BETWEEN A LOCAL CONTROLLER COUPLED TO CONTROL A SOLAR MODULE AND A MASTER CONTROLLER	United States of America	Granted	4/30/2012	13,460,545	9/1/2015	9,124,139	Tigo Energy, Inc.
IDENTIFICATION PROTOCOL BETWEEN A LOCAL CONTROLLER OF A SOLAR MODULE AND A MASTER CONTROLLER	United States of America	Granted	8/4/2015	14,817,949	11/20/2018	10,135,385	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR AN IDENTIFICATION PROTOCOL BETWEEN A LOCAL CONTROLLER OF A SOLAR MODULE AND A MASTER CONTROLLER	United States of America	Granted	10/16/2018	16,161,904	8/18/2020	10,749,457	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR REMOTE OR LOCAL SHUT-OFF OF A PHOTOVOLTAIC SYSTEM	United States of America	Granted	3/28/2011	13,073,915	10/7/2014	8,854,193	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR REMOTE OR LOCAL SHUT-OFF OF A PHOTOVOLTAIC SYSTEM	United States of America	Granted	10/1/2014	14,503,723	6/28/2016	9,377,765	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR REMOTE OR LOCAL SHUT-OFF OF A PHOTOVOLTAIC SYSTEM	United States of America	Granted	6/17/2016	15,186,330	8/28/2018	10,063,056	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR REMOTE OR LOCAL SHUT-OFF OF A PHOTOVOLTAIC SYSTEM	United States of America	Granted	8/6/2018	16,055,789	12/31/2019	10,523,013	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR REMOTE OR LOCAL SHUT-OFF OF A PHOTOVOLTAIC SYSTEM	United States of America	Granted	12/27/2019	16,729,100	8/3/2021	11,081,889	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR COMMUNICATION PROTOCOL BETWEEN A LOCAL CONTROLLER AND A MASTER CONTROLLER	United States of America	Published	6/17/2021	17,351,071			Tigo Energy, Inc.

SYSTEM AND METHOD FOR PREVENTION OF OPEN LOOP DAMAGE DURING OR IMMEDIATELY AFTER MANUFACTURING	United States of America	Granted	8/17/2009	12/542,632	10/18/2011	8,039,730	Tigo Energy, Inc.
SYSTEM AND METHOD FOR PREVENTION OF OPEN LOOP DAMAGE DURING OR IMMEDIATELY AFTER MANUFACTURING	United States of America	Granted	9/14/2011	13/232,887	4/9/2013	8,415,552	Tigo Energy, Inc.
SYSTEMS AND METHOD FOR LIMITING MAXIMUM VOLTAGE IN SOLAR PHOTOVOLTAIC POWER GENERATION SYSTEMS	United States of America	Granted	9/18/2009	12/562,933	1/24/2012	8,102,074	Tigo Energy, Inc.
SYSTEMS AND METHOD FOR LIMITING MAXIMUM VOLTAGE IN SOLAR PHOTOVOLTAIC POWER GENERATION SYSTEMS	United States of America	Granted	1/24/2012	13/357,331	9/25/2012	8,274,172	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR DISTRIBUTED POWER FACTOR CORRECTION AND PHASE BALANCING	United States of America	Granted	9/18/2009	12/562,491	2/10/2015	8,954,203	Tigo Energy, Inc.
ENHANCED SYSTEMS AND METHODS FOR USING A POWER CONVERTER FOR BALANCING MODULES IN SINGLE-STRING AND MULTI-STRING CONFIGURATIONS	United States of America	Granted	11/4/2009	12/612,641	7/26/2016	9,401,439	Tigo Energy, Inc.
ENHANCED SYSTEMS AND METHODS FOR USING A POWER CONVERTER FOR BALANCING MODULES IN SINGLE-STRING AND MULTI-STRING CONFIGURATIONS	United States of America	Granted	7/6/2016	15/203,595	8/25/2020	10,756,545	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR AN ENHANCED WATCHDOG IN SOLAR MODULE INSTALLATIONS	United States of America	Granted	12/1/2009	12/628,977	1/13/2015	8,933,321	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR AN ENHANCED WATCHDOG IN SOLAR MODULE INSTALLATIONS	United States of America	Granted	12/16/2014	14/572,458	6/4/2019	10,312,857	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR AN ENHANCED WATCHDOG IN SOLAR MODULE INSTALLATIONS	United States of America	Published	4/19/2019	16/389,775			Tigo Energy, Inc.
SYSTEMS AND METHODS FOR AN ENHANCED WATCHDOG IN SOLAR MODULE INSTALLATIONS	United States of America	Application	11/15/2021	17/526,793			Tigo Energy, Inc.
NOVEL SYSTEM AND METHOD FOR ADDRESSING SOLAR ENERGY PRODUCTION CAPACITY LOSS DUE TO FIELD BUILDUP BETWEEN CELLS AND GLASS AND FRAME ASSEMBLY	United States of America	Granted	12/1/2009	12/628,997	4/12/2016	9,312,697	Tigo Energy, Inc.

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SYSTEMS AND METHODS TO REDUCE FIELD BUILDUP BETWEEN CELLS AND GLASS AND FRAME ASSEMBLY FOR SOLAR ENERGY PRODUCTION	United States of America	Granted	3/1/2016	15/057,955	6/5/2018	9,991,842	Tigo Energy, Inc.
SYSTEMS AND METHODS TO REDUCE FIELD BUILDUP BETWEEN CELLS AND GLASS AND FRAME ASSEMBLY FOR SOLAR ENERGY PRODUCTION	United States of America	Allowed	6/1/2018	15/996,370			Tigo Energy, Inc.
SYSTEM AND METHOD FOR LOCAL STRING MANAGEMENT UNIT	United States of America	Granted	1/21/2010	12/691,692	11/20/2012	8,314,375	Tigo Energy, Inc.
SYSTEM AND METHOD FOR LOCAL STRING MANAGEMENT UNIT	United States of America	Granted	9/26/2012	13/627,852	4/1/2014	8,686,333	Tigo Energy, Inc.
SYSTEMS AND METHODS TO PROVIDE ENHANCED DIODE BYPASS PATHS	United States of America	Granted	3/15/2010	12/724,371	4/26/2016	9,324,885	Tigo Energy, Inc.
SYSTEMS AND METHODS TO PROVIDE ENHANCED DIODE BYPASS PATHS	United States of America	Granted	4/13/2016	15/098,075	11/13/2018	10,128,683	Tigo Energy, Inc.
SYSTEMS AND METHODS TO PROVIDE ENHANCED DIODE BYPASS PATHS	United States of America	Granted	10/5/2018	16/152,766	12/14/2021	11,201,494	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR DETECTING AND CORRECTING A SUBOPTIMAL OPERATION OF ONE OR MORE INVERTERS IN A MULTI-INVERTER SYSTEM	United States of America	Granted	7/20/2010	12/840,228	12/30/2014	8,922,061	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR MAPPING THE CONNECTIVITY TOPOLOGY OF LOCAL MANAGEMENT UNITS IN PHOTOVOLTAIC ARRAYS	United States of America	Granted	10/14/2010	12/904,919	4/12/2016	9,312,399	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR MAPPING THE CONNECTIVITY TOPOLOGY OF LOCAL MANAGEMENT UNITS IN PHOTOVOLTAIC ARRAYS	United States of America	Granted	4/5/2016	15/090,939	7/16/2019	10,355,637	Tigo Energy, Inc.
ENHANCED SYSTEM AND METHOD FOR THEFT PREVENTION IN A SOLAR POWER ARRAY DURING NONOPERATIVE PERIODS	United States of America	Granted	4/21/2011	13/092,099	4/14/2015	9,007,210	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ENHANCED WATCH DOG IN SOLAR PANEL INSTALLATIONS	European Patent	Granted	4/22/2011	11772811.3	5/22/2019	2561596	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ENHANCED WATCH DOG IN SOLAR PANEL INSTALLATIONS	Germany (Federal Republic of)	Granted	4/22/2011	11772811.3	5/22/2019	602011059209.2	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ENHANCED WATCH DOG IN SOLAR PANEL INSTALLATIONS	Spain	Granted	4/22/2011	11772811.3	5/22/2019	2561596	Tigo Energy, Inc.

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SYSTEM AND METHOD FOR ENHANCED WATCH DOG IN SOLAR PANEL INSTALLATIONS	France	Granted	4/22/2011	11772811.3	5/22/2019	2561596	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ENHANCED WATCH DOG IN SOLAR PANEL INSTALLATIONS	Italy	Granted	4/22/2011	11772811.3	5/22/2019	2561596	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ENHANCED WATCH DOG IN SOLAR PANEL INSTALLATIONS	Netherlands	Granted	4/22/2011	11772811.3	5/22/2019	2561596	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ENHANCED WATCH DOG IN SOLAR PANEL INSTALLATIONS	United States of America	Granted	4/22/2011	13/092,783	9/2/2014	8,823,218	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ENHANCED WATCH DOG IN SOLAR PANEL INSTALLATIONS	United States of America	Granted	8/29/2014	14/473,659	7/19/2016	9,397,612	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ENHANCED WATCH DOG IN SOLAR PANEL INSTALLATIONS	United States of America	Granted	7/6/2016	15/203,713	11/7/2017	9813021	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ENHANCED WATCH DOG IN SOLAR PANEL INSTALLATIONS	United States of America	Granted	9/27/2017	15/717,244	4/9/2019	10,256,770	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ENHANCED WATCH DOG IN SOLAR PANEL INSTALLATIONS	United States of America	Granted	3/5/2019	16/293,514	6/16/2020	10,686,403	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ENHANCED WATCH DOG IN SOLAR PANEL INSTALLATIONS	United States of America	Allowed	6/11/2020	16/899,351			Tigo Energy, Inc.
SYSTEM FOR USE OF STATIC INVERTERS IN VARIABLE ENERGY GENERATION ENVIRONMENTS	United States of America	Granted	5/31/2011	13/149,163	10/7/2014	8,853,886	Tigo Energy, Inc.
METHOD FOR USE OF STATIC INVERTERS IN VARIABLE ENERGY GENERATION ENVIRONMENTS	United States of America	Granted	5/31/2011	13/149,172	12/29/2015	9,225,261	Tigo Energy, Inc.
SYSTEMS AND METHODS TO OPTIMIZE OUTPUTS OF STATIC INVERTERS IN VARIABLE ENERGY GENERATION ENVIRONMENTS	United States of America	Granted	6/9/2011	13/157,016	2/17/2015	8,957,544	Tigo Energy, Inc.
METHOD FOR USE OF STATIC INVERTERS IN VARIABLE ENERGY GENERATION ENVIRONMENTS	United States of America	Granted	12/9/2015	14/964,388	9/20/2016	9,450,414	Tigo Energy, Inc.
METHOD FOR USE OF STATIC INVERTERS IN VARIABLE ENERGY GENERATION ENVIRONMENTS	United States of America	Granted	9/20/2016	15/270,997	1/30/2018	9,882,390	Tigo Energy, Inc.
METHOD FOR USE OF STATIC INVERTERS IN VARIABLE ENERGY GENERATION ENVIRONMENTS	United States of America	Granted	1/9/2018	15/866,078	10/22/2019	10,454,275	Tigo Energy, Inc.
SYSTEMS AND METHODS TO PROVIDE ENHANCED DIODE BYPASS PATHS	United States of America	Granted	9/16/2011	13/235,064	8/23/2016	9,425,783	Tigo Energy, Inc.

SYSTEMS AND METHODS TO PROVIDE ENHANCED DIODE BYPASS PATHS	United States of America	Granted	8/22/2016	15/243,493	10/29/2019	10,461,570	Tigo Energy, Inc.
SYSTEM AND METHOD FOR FLASH BYPASS	United States of America	Granted	1/11/2011	13/287,021	9/23/2014	8,841,916	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ARC DETECTION AND INTERVENTION IN LARGE SOLAR ENERGY SYSTEMS	United States of America	Granted	3/29/2011	13/075,093	5/26/2015	9,043,039	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ARC DETECTION AND INTERVENTION IN LARGE SOLAR ENERGY SYSTEMS	United States of America	Granted	5/21/2015	14/718,426	3/27/2018	9,927,822	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ARC DETECTION AND INTERVENTION IN SOLAR ENERGY SYSTEMS	United States of America	Granted	3/23/2018	15/933,861	8/25/2020	10,754,365	Tigo Energy, Inc.
SYSTEM AND METHOD FOR ARC DETECTION AND INTERVENTION IN SOLAR ENERGY SYSTEMS	United States of America	Published	8/24/2020	17/001,485			Tigo Energy, Inc.
SYSTEM AND METHOD TO COMBINE STRINGS OF SOLAR PANELS	United States of America	Granted	12/20/2011	13/332,299	9/22/2015	9,142,965	Tigo Energy, Inc.
SYSTEMS AND METHODS TO COMBINE STRINGS OF SOLAR PANELS	United States of America	Granted	8/14/2015	14/827,023	12/19/2017	9,847,646	Tigo Energy, Inc.
SYSTEMS AND METHODS TO COMBINE STRINGS OF SOLAR PANELS	United States of America	Granted	12/18/2017	15/845,980	10/27/2020	10,819,117	Tigo Energy, Inc.
SYSTEM AND METHOD TO REDUCE THE NUMBER AND COST OF MANAGEMENT UNITS OF DISTRIBUTED POWER GENERATORS	United States of America	Granted	1/9/2012	13/346,482	8/30/2016	9,431,825	Tigo Energy, Inc.
SYSTEM AND METHOD TO REDUCE THE NUMBER AND COST OF MANAGEMENT UNITS OF DISTRIBUTED POWER GENERATORS	United States of America	Granted	8/1/2016	15/225,692	6/4/2019	10,312,692	Tigo Energy, Inc.
SYSTEM AND METHOD FOR EXCHANGEABLE CAPACITOR MODULES FOR HIGH-POWER INVERTERS AND CONVERTERS	United States of America	Granted	3/1/2012	13/410,175	3/17/2015	8,982,591	Tigo Energy, Inc.
ENHANCED SYSTEM AND METHOD FOR STRING-BALANCING	United States of America	Granted	3/12/2012	13/418,279	6/14/2016	9,368,965	Tigo Energy, Inc.
ENHANCED SYSTEM AND METHOD FOR STRING BALANCING	United States of America	Granted	6/3/2016	15/172,996	6/2/2020	10,673,244	Tigo Energy, Inc.
ENHANCED SYSTEM AND METHOD FOR STRING BALANCING	United States of America	Published	5/22/2020	16/881,540			Tigo Energy, Inc.
ANTI-THEFT SYSTEM AND METHOD FOR LARGE SOLAR PANEL SYSTEMS	United States of America	Granted	2/27/2013	13/779,456	4/7/2015	9,000,919	Tigo Energy, Inc.
SYSTEM AND METHOD FOR LOW-COST, HIGH-EFFICIENCY SOLAR PANEL POWER FEED	United States of America	Granted	4/23/2014	14/260,183	1/10/2017	9,543,455	Tigo Energy, Inc.

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SYSTEM AND METHOD FOR LOW-COST, HIGH-EFFICIENCY SOLAR PANEL POWER FEED	United States of America	Granted	11/30/2016	15,365,753	6/2/2020	10,673,245	Tigo Energy, Inc.
SYSTEM AND METHOD FOR LOW-COST, HIGH-EFFICIENCY SOLAR PANEL POWER FEED	United States of America	Granted	5/29/2020	16,888,561	11/9/2021	11,171,490	Tigo Energy, Inc.
SOLAR PANEL JUNCTION BOXES HAVING INTEGRATED FUNCTION MODULES	United States of America	Granted	12/2/2015	14,957,503	2/26/2019	10,218,307	Tigo Energy, Inc.
SOLAR PANEL JUNCTION BOXES HAVING INTEGRATED FUNCTION MODULES	United States of America	Granted	2/7/2019	16,270,475	11/16/2021	11,177,769	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR QUICK DISSIPATION OF STORED ENERGY FROM INPUT CAPACITORS OF POWER INVERTERS	United States of America	Granted	5/19/2016	15,159,699	4/7/2020	10,615,607	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR QUICK DISSIPATION OF STORED ENERGY FROM INPUT CAPACITORS OF POWER INVERTERS	China	Granted	5/20/2016	20,168,002,955.7	9/4/2020	ZL201680029553.7	Tigo Energy, Inc.
SYSTEMS AND METHODS FOR QUICK DISSIPATION OF STORED ENERGY FROM INPUT CAPACITORS OF POWER INVERTERS	United States of America	Application	4/6/2020	16,841,408			Tigo Energy, Inc.
CONTACTS FOR JUNCTION BOXES ON SOLAR PANELS	United States of America	Granted	6/2/2017	15,612,977	6/5/2018	9,991,843	Tigo Energy, Inc.
SYSTEM AND METHOD FOR NEW ENHANCED CONTACTS FOR JUNCTION BOXES ON SOLAR PANELS	United States of America	Granted	6/1/2018	15,996,288	7/23/2019	10,361,654	Tigo Energy, Inc.
SYNCHRONIZATION OF SIGNALS TRANSMITTED OVER POWER LINES	United States of America	Published	4/8/2021	17,225,885			Tigo Energy, Inc.
SYSTEMS AND METHODS TO BALANCE SOLAR PANELS IN A MULTI-PANEL SYSTEM	United States of America	Granted	3/25/2009	90,010,892	5/31/2011	7,602,080	TBD

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EXHIBIT B

Trademarks

(see attached)

Mark Name	Image	Country	Status	Filed Date	Application No.	Reg. Date	Registration No.	Owner
TIGO		United States of America	Registered	1/29/2009	77/659,595	4/6/2010	3,773,090	Tigo Energy, Inc.
TIGO ENERGY		United States of America	Registered	1/29/2009	77/659,613	9/7/2010	3,845,975	Tigo Energy, Inc.
TIGO		United States of America	Registered	1/29/2009	77/659,634	4/6/2010	3,773,091	Tigo Energy, Inc.
TIGO ENERGY (stylized/design)		United States of America	Registered	1/29/2009	77/659,647	8/24/2010	3,838,677	Tigo Energy, Inc.

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REEL: 008028 FRAME: 0390

RECORDED: 03/31/2023