

## TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

ETAS ID: TM701976

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT		
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST		
<b>CONVEYING PARTY DATA</b>			
<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
Arroyo Energy Investment Partners LLC		03/11/2021	Limited Liability Company: DELAWARE
<b>RECEIVING PARTY DATA</b>			
<b>Name:</b>	Powin Energy Corporation		
<b>Street Address:</b>	20550 SW 115th Avenue		
<b>City:</b>	Tualatin		
<b>State/Country:</b>	OREGON		
<b>Postal Code:</b>	97062		
<b>Entity Type:</b>	Corporation: NEVADA		
<b>Name:</b>	Powin, LLC		
<b>Street Address:</b>	20550 SW 115th Ave.		
<b>City:</b>	Tualatin		
<b>State/Country:</b>	OREGON		
<b>Postal Code:</b>	97062		
<b>Entity Type:</b>	Limited Liability Company: DELAWARE		
<b>PROPERTY NUMBERS Total: 5</b>			
<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>	
<b>Registration Number:</b>	4882384	POWIN ENERGY	
<b>Registration Number:</b>	4865706	POWIN ENERGY	
<b>Registration Number:</b>	5712492	P	
<b>Serial Number:</b>	88164245	CENTIPEDE	
<b>Serial Number:</b>	90531355	BUILDING THE WORLD'S BEST BATTERIES	
<b>CORRESPONDENCE DATA</b>			
<b>Fax Number:</b>	5035955301		
<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>			
<b>Phone:</b>	5035955300		
<b>Email:</b>	ptotmdocket@klarquist.com		
<b>Correspondent Name:</b>	Kevin M. Hayes		
<b>Address Line 1:</b>	121 SW Salmon Street		

CH \$140.00 4882384

**Address Line 2:** One World Trade Center, Suite 1600  
**Address Line 4:** Portland, OREGON 97204

**ATTORNEY DOCKET NUMBER:** 9888-106190-01

**NAME OF SUBMITTER:** Kevin M. Hayes

**SIGNATURE:** /Kevin M. Hayes/

**DATE SIGNED:** 01/13/2022

**Total Attachments: 6**

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

This NOTICE OF TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS AND TRADEMARKS ("Notice") is made by Arroyo Energy Investment Partners LLC, as Administrative Agent ("Arroyo") in favor of Powin Energy Corporation and Powin, LLC (collectively, together with Powin Energy Corporation, "Powin").

WHEREAS, pursuant to a Letter Agreement Regarding Arroyo Note Exchange dated March 11, 2021 (the "Letter Agreement") Arroyo terminated and released any security interest and lien in any assets of Powin Energy Corporation, including all Patent and Trademark rights, including the patents and/or patent applications listed on Schedule A attached hereto, and the trademark registrations and/or trademark applications listed on Schedule B attached hereto (collectively, "IP Collateral"). This termination and release was effective as to all intellectual property encompassed by the Notice of Grant of Security Interest in Patents recorded at the United States Patent and Trademark Office ("USPTO") on October 28, 2019 at Reel 050840 Frame 0901 and on October 30, 2019, at Reel 050926 Frame 0048 on October 30, 2019 and on October 28, 2019, at Reel 6780 Frame 0965. As of March 11, 2021, any such security interest and lien was "automatically released, terminated and of no further force and effect ..."

Administrative Agent:

Arroyo Energy Investment Partners LLC, as  
Administrative Agent

By \_\_\_\_\_

Name: Kimberly Glasspool

Title: General Counsel & Chief Compliance  
Officer

SCHEDULE A

**PATENTS**

Title	Country	App. No.	Filing Date	Pat. No.	Issue Date
ELECTRICAL ENERGY STORAGE UNIT AND CONTROL SYSTEM AND APPLICATIONS THEREOF	U.S.	62/066,185	10/20/2014		
MODULAR, STACKABLE BATTERY ENERGY STORAGE SYSTEM, AND APPLICATIONS THEREOF	U.S.	62/554,881	9/6/2017		
MONITORING BATTERY PACKS WITHIN A BATTERY ENERGY STORAGE SYSTEM	U.S.	62/645,623	3/20/2018		
NOISE-IMMUNE BATTERY PACK COMMUNICATION SYSTEM AND APPLICATIONS THEREOF	U.S.	62/682,453	6/8/2018		
MICROGRID POWER SYSTEM	U.S.	62/682,527	6/8/2018		
MODULAR BATTERY STACK AND SUPPORT SYSTEM	U.S.	62/729,852	9/11/2018		
MODULAR BATTERY STACK AND SUPPORT SYSTEM	PCT	PCT/US2019/050328	9/10/2019		
MODULAR BATTERY STACK AND SUPPORT SYSTEM	Canada	3,110,857	9/10/2019		
MODULAR BATTERY STACK AND SUPPORT SYSTEM	China	201980059297.X	9/10/2019		
MODULAR BATTERY STACK AND SUPPORT SYSTEM	EPC	19861075.0	9/10/2019		
MODULAR BATTERY STACK AND SUPPORT SYSTEM	U.S.	17/273,696	3/4/2021		
BATTERY PACK MONITORING AND WARRANTY TRACKING SYSTEM	U.S.	15/389,188	12/22/2016	10,699,278	6/30/2020

Title	Country	App. No.	Filing Date	Pat. No.	Issue Date
WORLD-WIDE WEB OF NETWORKED, SMART, SCALABLE, PLUG & PLAY BATTERY PACKS HAVING A BATTERY PACK OPERATING SYSTEM, AND APPLICATIONS THEREOF	U.S.	15/604,329	5/24/2017		
BATTERY ENERGY STORAGE SYSTEM AND CONTROL SYSTEM AND APPLICATIONS THEREOF	U.S.	15/845,598	12/18/2017	10,536,007	1/14/2020
BATTERY ENERGY STORAGE SYSTEM AND CONTROL SYSTEM AND APPLICATIONS THEREOF	China	201810422475.8	3/5/2011	ZL 201810422475.8	10/22/21
ENHANCED SWITCHED BALANCING NETWORK FOR BATTERY PACK	U.S.	16/101,032	8/10/2018	10,978,884	4/13/2021
ENHANCED SWITCHED BALANCING NETWORK FOR BATTERY PACK	PCT	PCT/US2019/045678	8/8/2019		
ENHANCED SWITCHED BALANCING NETWORK FOR BATTERY PACK	Canada	3,107,491	8/8/2019		
ENHANCED SWITCHED BALANCING NETWORK FOR BATTERY PACK	China	201980052902.0	8/8/2019		
ENHANCED SWITCHED BALANCING NETWORK FOR BATTERY PACK	EPC	19847972.7	8/8/2019		
ENHANCED SWITCHED BALANCING NETWORK FOR BATTERY PACK	Japan	2021-531461	8/8/2019		
ENHANCED BATTERY MANAGEMENT SYSTEM FOR BATTERY PACK	U.S.	16/101,045	8/10/2018	11,063,444	7/13/2021
ENHANCED BATTERY MANAGEMENT SYSTEM FOR BATTERY PACK	PCT	PCT/US2019/045696	8/8/2019		
ENHANCED BATTERY MANAGEMENT SYSTEM FOR BATTERY PACK	Canada	3,107,493	8/8/2019		
ENHANCED BATTERY MANAGEMENT SYSTEM FOR BATTERY PACK	China	201980052886.5	8/8/2019		
ENHANCED BATTERY MANAGEMENT SYSTEM FOR BATTERY PACK	EPC	19848236.6	8/8/2019		

Title	Country	App. No.	Filing Date	Pat. No.	Issue Date
ENHANCED BATTERY MANAGEMENT SYSTEM FOR BATTERY PACK	Japan	2021-531462	8/8/2019		
ELECTRICAL ENERGY STORAGE UNIT	PCT	PCT/CN2011/071548	3/5/2011		
ELECTRICAL ENERGY STORAGE UNIT	China	201180065185.9	3/5/2011	ZL201180065185.9	8/24/2016
MONITORING BATTERY PACKS WITHIN A BATTERY ENERGY STORAGE SYSTEM	PCT	PCT/US19/22992	3/19/2019		
MONITORING BATTERY PACKS WITHIN A BATTERY ENERGY STORAGE SYSTEM	U.S.	16/982,449	9/18/2020		
NOISE-IMMUNE BATTERY PACK COMMUNICATION SYSTEM AND APPLICATIONS THEREOF	PCT	PCT/US19/35822	6/6/2019		
MICROGRID POWER SYSTEM	PCT	PCT/US19/35838	6/6/2019		
MICROGRID POWER SYSTEM	U.S.	16/982,454	9/18/2020		
NON-TRACTION BATTERY CONTROLLER AND APPLICATIONS THEREOF	U.S.	14/105,952	12/13/2013	9,168,836	10/27/2015
NON-TRACTILE BATTERY CONTROLLER AND APPLICATION THEREOF	China	201410111983.6	3/24/2014	ZL 201410111983.6	11/20/2016
ELECTRICAL ENERGY STORAGE UNIT AND CONTROL SYSTEM AND APPLICATIONS THEREOF	U.S.	13/978,689	8/27/2013	9,331,497	5/3/2016
BATTERY ENERGY STORAGE SYSTEM AND CONTROL SYSTEM AND APPLICATIONS THEREOF	U.S.	14/962,491	12/8/2015	9,847,654	12/19/2017
BATTERY ENERGY STORAGE SYSTEM	U.S.	14/932,688	11/4/2015	9,882,401	1/30/2018
BATTERY ENERGY STORAGE SYSTEM	China	201610969153.6	11/4/2016	ZL 201610969153.6	7/19/2019
BATTERY PACK WITH INTEGRATED BATTERY MANAGEMENT SYSTEM	U.S.	14/851,482	9/11/2015	9,923,247	3/20/2018

Title	Country	App. No.	Filing Date	Pat. No.	Issue Date
BATTERY PACK WITH INTEGRATED BATTERY MANAGEMENT SYSTEM	China	201610816277.0	9/10/2016		
BATTERY-ASSISTED ELECTRIC VEHICLE CHARGING SYSTEM AND METHOD	U.S.	14/884,463	10/15/2015	10,040,363	8/7/2018
BATTERY MANAGEMENT SYSTEM (BMS) HAVING ISOLATED, DISTRIBUTED, DAISY-CHAINED BATTERY MODULE CONTROLLERS	U.S.	14/851,460	9/11/2015	10,122,186	11/6/2018
BATTERY MANAGEMENT SYSTEM (BMS) HAVING ISOLATED, DISTRIBUTED, DAISY-CHAINED BATTERY MODULE CONTROLLERS	China	201610816276.6	9/10/2016		
SYSTEMS AND METHODS FOR DETECTING A BATTERY PACK HAVING AN OPERATING ISSUE OR DEFECT	U.S.	14/819,774	8/6/2015	10,153,521	12/11/2018
SYSTEMS AND METHODS FOR DETECTING A BATTERY PACK HAVING AN OPERATING ISSUE OR DEFECT	U.S.	201610569997.1	7/19/2016	ZL 201610569997.1	5/12/2020
WARRANTY TRACKER FOR A BATTERY PACK	U.S.	14/819,779	8/6/2015	10,254,350	4/9/2019
WARRANTY TRACKER FOR A BATTERY PACK	China	201610569996.7	7/19/2016	ZL 201610569996.7	3/16/2021
ELECTRICAL ENERGY STORAGE UNIT AND CONTROL SYSTEM AND APPLICATIONS THEREOF	U.S.	14/678,074	4/3/2015	10,263,436	4/16/2019
ELECTRICAL ENERGY STORAGE UNIT AND CONTROL SYSTEM AND APPLICATIONS THEREOF	China	201610208153.4	4/1/2016	ZL201610208153.4	9/21/2018
BATTERY ENERGY STORAGE SYSTEM	U.S.	15/882,713	1/29/2018	10,270,266	4/23/2019

SCHEDULE B

**TRADEMARKS**

Mark	Country	App. No.	Reg. No.	Reg. Date	Class
POWIN ENERGY	US	86/299,545	4882384	1/5/2016	9
POWIN ENERGY	US	86/521,596	4865706	12/8/2015	11, 42
STYLIZED "P" and associated grant of protection in China	International Registration	A0075614	1414675	7/1/2019	9, 42
STYLIZED "P"	Canada	1,897,913	TMA1,106,334	8/9/2021	9, 37, 42
STYLIZED "P"	US	87/873,442	5,712,492	04/02/2019	9, 42
CENTIPEDE	US	88/164,245			9
BUILDING THE WORLDS BEST BATTERIES	US	90/531,355			9, 42