

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5485837

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	03/14/2013

CONVEYING PARTY DATA

Name	Execution Date
PIKA ENERGY LLC	04/22/2019

RECEIVING PARTY DATA

Name:	PIKA ENERGY, INC.
Street Address:	35 BRADLEY DRIVE
Internal Address:	UNIT 1
City:	WESTBROOK
State/Country:	MAINE
Postal Code:	04092

PROPERTY NUMBERS Total: 8

Property Type	Number
Application Number:	13481404
Application Number:	14867221
Application Number:	15858061
Application Number:	61490563
Application Number:	13744246
Application Number:	61588075
Application Number:	13849320
Application Number:	61615472

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: 6123736900**Email:** request@slwip.com**Correspondent Name:** SCHWEGMAN LUNDBERG & WOESSNER, P.A.**Address Line 1:** P.O. BOX 2938**Address Line 4:** MINNEAPOLIS, MINNESOTA 55402**ATTORNEY DOCKET NUMBER:** 3454.*

NAME OF SUBMITTER:	MICHELLE VOTH
SIGNATURE:	/Michelle Voth/
DATE SIGNED:	04/22/2019
Total Attachments: 6 source=3454_Nunc Pro Tunc Assignment#page1.tif source=3454_Nunc Pro Tunc Assignment#page2.tif source=3454_Nunc Pro Tunc Assignment#page3.tif source=3454_Nunc Pro Tunc Assignment#page4.tif source=3454_Nunc Pro Tunc Assignment#page5.tif source=3454_Nunc Pro Tunc Assignment#page6.tif	

NUNC PRO TUNC ASSIGNMENT

WHEREAS, Pika Energy LLC an entity having been organized and existing under and by virtue of the laws of Maine, United States of America, and having had an office and place of business at 13 Stroudwater Falls, Gorham, ME 04038, United States of America (hereinafter "Assignor"), is and/or was the owner of assets identified in Appendix A (hereinafter collectively "Patent Properties"), including all inventions and other subject matter described in the Patent Properties;

AND WHEREAS, Pika Energy, Inc., an entity organized and existing under and by virtue of the laws of Delaware, United States of America, and having an office and place of business at 35 Bradley Drive Unit 1, Westbrook, ME 04092, United States of America (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said Patent Properties, including all inventions and other subject matter described therein, and any patent to be obtained in relation therefor;

AND WHEREAS Patent Properties were initially assigned to Assignor from the respective inventors of Patent Properties;

AND WHEREAS Pika Energy LLC an entity purporting to have been organized and existing under the laws of Delaware, United States of America, (hereinafter "Pika Energy LLC of Delaware"), purported to assign Patent Properties to Assignee ("Previous Assignment"), but there having been no known existence of Pika Energy LLC of Delaware or an assignment from Assignor to Pika Energy LLC of Delaware;

AND WHEREAS it is understood by all parties signing this agreement that Previous Assignment was intended to transfer Patent Properties and all associated rights identified in this document and in Previous Assignment from Assignor to Assignee;

AND WHEREAS Assignor was converted to Assignee on or around April 1, 2013;

AND WHEREAS the Effective Date of this agreement is retroactively effective as of March 14, 2013, which is the day before Assignor approved the conversion of Assignor into Assignee;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, the Assignor hereby:

to the extent not previously assigned, conveyed and/or transferred to Assignee, Assignor ASSIGNS, CONVEYS AND TRANSFERS to the Assignee the Assignor's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

said Patent Properties, including all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of said Patent Properties;

all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions, based in whole or in part on any of said Patent Properties (including any application for a utility model or an innovation patent application);

the right to claim priority to said Patent Properties in relation to subject matter based in whole or in part on said Patent Properties and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and the right to all causes of action, remedies, and other enforcement rights related to said Patent Properties, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to said Patent Properties and any of the foregoing, including the right to obtain and collect damages and/or royalties due for past, present, or future infringement;

AUTHORIZES AND REQUESTS the issuing authority to issue any and all United States and foreign patents granted on said Patent Properties to the Assignee;

AUTHORIZES AND REQUESTS that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information related to said Patent Properties or any of the foregoing, after execution of this Assignment;

WARRANTS AND COVENANTS that, except to the extent otherwise recited and identified in this agreement, no assignment, grant, mortgage, license or other agreement affecting the rights and

property herein conveyed has been or shall be made to others by the Assignor, and that the full right to convey the same as herein expressed is possessed by the Assignor;

COVENANTS, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Assignor shall (1) secure cooperation from all present and former employees and/or inventors contributing or having contributed to the Patent Properties; (2) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Patent Properties; (3) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Patent Properties; (4) communicate to the Assignee all facts known to the Assignor relating to the Patent Properties and the history thereof; (5) cooperate with the Assignee in any interference, reexamination, review proceeding, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Patent Properties; and (6) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to said Patent Properties in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Patent Properties; and

COVENANTS, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Assignor, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable. This Nunc Pro Tunc Assignment may be executed in any number of counterparts, each of which shall be deemed an original, but all of which taken together shall constitute one and the same instrument. Signatures delivered by facsimile, electronic mail or in portable document format ("pdf") shall be binding for all purposes hereof.

THIS AGREEMENT IS TO BE BINDING on the assigns, representatives, and successors of the Assignor, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED to by Assignor as of the Date of the Signature Below:

Assignor: Pika Energy LLC of Maine

Signature: / Benjamin Francis Polito /
Benjamin Francis Polito, who was a duly appointed officer
of Pika Energy LLC of Maine at the time of its existence.

Date: 4/22/2019

ACCEPTED by Assignee as of the Date of the Signature Below:

Assignee: Pika Energy, Inc.

Signature: / Benjamin Francis Polito /
Printed Name: Benjamin Francis Polito

Title: President

Date: 4/22/2019

Appendix A

Patent/ Publication No.	Application Number	Title	Filing date	Issue/Grant Date
	61/490,563	Universal interconnection bus for power and data transfer from distributed-energy devices	May 26, 2011	
9,148,016	13/481,404	DC MICROGRID FOR INTERCONNECTING DISTRIBUTED ELECTRICITY GENERATION, LOADS, AND STORAGE	May 25, 2012	September 29, 2015
9,886,051	14/867,221	DC MICROGRID FOR INTERCONNECTING DISTRIBUTED ELECTRICITY GENERATION, LOADS, AND STORAGE	September 28, 2015	February 6, 2018
9,512,818	13/744,246	LOW-COST MOLDED WIND TURBINE BLADE	January 17, 2013	December 6, 2016
	61/588,075	LOW-COST MOLDED WIND TURBINE BLADE	January 18, 2012	
US-2013-0328403-A1	13/849,320	DISTRIBUTED SUBSTRING ARCHITECTURE FOR MAXIMUM POWER POINT TRACKING OF ENERGY SOURCES	March 22, 2013	

	61/615,472	Distributed Substring Architecture for Maximum Power Point Tracking of Solar Arrays	March 26, 2012	
US-2018- 0253117-A1	15/858,061	DC MICROGRID FOR INTERCONNECTING DISTRIBUTED ELECTRICITY GENERATION, LOADS, AND STORAGE	December 29, 2017	