

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5566197

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEFFREY FROLIK	05/25/2019
PAUL HINES	06/10/2019
MADS ALMASSALKHI	05/23/2019
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE
Street Address:	GIVEN BUILDING E201, 89 BEAUMONT AVENUE
City:	BURLINGTON
State/Country:	VERMONT
Postal Code:	05405
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16421171
CORRESPONDENCE DATA	
Fax Number:	(802)862-7512
<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>	
Phone:	802-863-2375
Email:	patip@drm.com
Correspondent Name:	KEVIN C. MCGRATH, ESQ.
Address Line 1:	199 MAIN STREET
Address Line 4:	BURLINGTON, VERMONT 05401
ATTORNEY DOCKET NUMBER:	02962-143USV1
NAME OF SUBMITTER:	KEVIN C. MCGRATH
SIGNATURE:	/Kevin C. McGrath/
DATE SIGNED:	06/11/2019
Total Attachments: 6	
source=20190525_Frolik_Assignment#page1.tif	
source=20190525_Frolik_Assignment#page2.tif	
source=20190610_Hines_Assignment#page1.tif	
source=20190610_Hines_Assignment#page2.tif	

source=20190523_Almassalkhi_Assignment#page1.tif

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ASSIGNMENT

Whereas, I, **Jeffrey Frolik**, residing in **Essex Junction, Vermont**, have invented one or more new and useful inventions and have filed therefor United States Non-Provisional Patent Application Serial No. 16/421,171, filed on May 23, 2019, entitled "**Packetized Energy Management Control Systems and Methods of Using the Same**" (hereinafter, "Application(s)");

And whereas, University of Vermont and State Agricultural College, of Given Building E201, 89 Beaumont Avenue, Burlington, Vermont 05405 (hereinafter called Assignee), desires to acquire the entire right, title and interest in the Application(s) and all inventions disclosed therein, and to any United States and foreign patents to be obtained therefor, and to any United States, international, and foreign patent applications to be filed thereon;

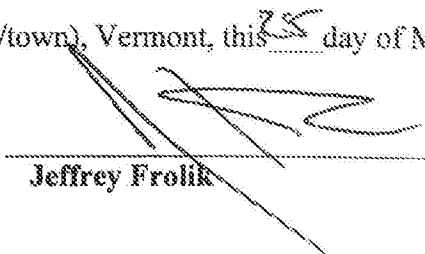
Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, I, the above-named inventor hereby sell, assign, and transfer to Assignee, its successors and assigns, and confirm any previous assignments made by me for, the entire right, title and interest in the Application(s) and inventions therein disclosed for the United States and foreign countries, including all provisional applications relating thereto, all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents which may have been granted or may be granted hereafter thereon, and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon, and all rights of priority resulting from any of the foregoing.

And I hereby agree that Assignee may file one or more international applications and apply for foreign Letters Patent on said inventions; and I request the Commissioner for Patents of the United States Patent and Trademark Office and the authorized official in each respective foreign patent office to issue any Letters Patent granted upon the inventions set forth in the Application(s) to Assignee; and I will execute all papers necessary in connection with the United States, international, and foreign applications when called upon to do so by Assignee.

I, the above-named, hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

I hereby authorize Downs Rachlin Martin PLLC to insert into this Assignment in the blank spaces appearing above, respectively, the application serial number and filing date of the patent application identified by Attorney Docket No. "02962-143USV1," which appears on at least one page of the application.

Executed at Essex Junction (city/town), Vermont, this 25 day of May, 2019.



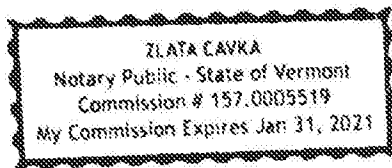
Jeffrey Frolik


STATE OF VERMONT

COUNTY of CHITTENDEN, SS.

On this 25th day of May, 2019, before me, the undersigned notary public, personally appeared **Jeffrey Frolik**, proved to me through satisfactory evidence of identification, which were Driver's license, to be the person who signed the preceding or attached document in my presence and swore to me that the contents of the document are truthful and accurate to the best of his knowledge and belief and acknowledged to me that he signed it voluntarily for its stated purpose.

SEAL



Before me, 

Notary Public

My commission expires: 01/31/2021

ASSIGNMENT

Whereas, I, **Paul Hines**, residing in **Burlington, Vermont**, have invented one or more new and useful inventions and have filed therefor United States Non-Provisional Patent Application Serial No. 16/421,171, filed on May 23, 2019, entitled "**Packetized Energy Management Control Systems and Methods of Using the Same**" (hereinafter, "Application(s)");

And whereas, University of Vermont and State Agricultural College, of Given Building E201, 89 Beaumont Avenue, Burlington, Vermont 05405 (hereinafter called Assignee), desires to acquire the entire right, title and interest in the Application(s) and all inventions disclosed therein, and to any United States and foreign patents to be obtained therefor, and to any United States, international, and foreign patent applications to be filed thereon;

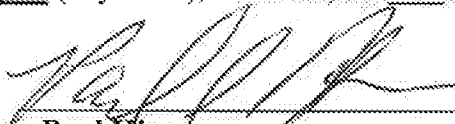
Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, I, the above-named inventor hereby sell, assign, and transfer to Assignee, its successors and assigns, and confirm any previous assignments made by me for, the entire right, title and interest in the Application(s) and inventions therein disclosed for the United States and foreign countries, including all provisional applications relating thereto, all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents which may have been granted or may be granted hereafter thereon, and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon, and all rights of priority resulting from any of the foregoing.

And I hereby agree that Assignee may file one or more international applications and apply for foreign Letters Patent on said inventions; and I request the Commissioner for Patents of the United States Patent and Trademark Office and the authorized official in each respective foreign patent office to issue any Letters Patent granted upon the inventions set forth in the Application(s) to Assignee; and I will execute all papers necessary in connection with the United States, international, and foreign applications when called upon to do so by Assignee.

I, the above-named, hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

I hereby authorize Downs Rachlin Martin PLLC to insert into this Assignment in the blank spaces appearing above, respectively, the application serial number and filing date of the patent application identified by Attorney Docket No. "02962-143USV1," which appears on at least one page of the application.

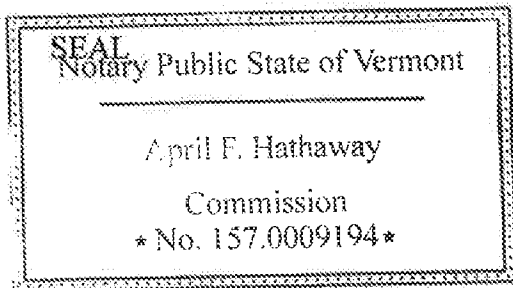
Executed at Burlington (city/town), Vermont, this 6th day of June, 2019.


Paul Hines

STATE OF VERMONT

COUNTY of CHITTENDEN, SS.

On this 10th day of June, 2019, before me, the undersigned notary public, personally appeared **Paul Hines**, proved to me through satisfactory evidence of identification, which were VT DMV's Lic # 92563421, to be the person who signed the preceding or attached document in my presence and swore to me that the contents of the document are truthful and accurate to the best of his knowledge and belief and acknowledged to me that he signed it voluntarily for its stated purpose.



Before me, April F. Hathaway
Notary Public

My commission expires: 11/30/2021

19261488.1

ASSIGNMENT

Whereas, I, **Mads Almassalkhi**, residing in **South Burlington, Vermont**, have invented one or more new and useful inventions and have filed therefor United States Non-Provisional Patent Application Serial No. 16/481,171, filed on May 23, 2019, entitled **"Packetized Energy Management Control Systems and Methods of Using the Same"** (hereinafter, "Application(s)");

And whereas, University of Vermont and State Agricultural College, of Given Building E201, 89 Beaumont Avenue, Burlington, Vermont 05405 (hereinafter called Assignee), desires to acquire the entire right, title and interest in the Application(s) and all inventions disclosed therein, and to any United States and foreign patents to be obtained therefor, and to any United States, international, and foreign patent applications to be filed thereon;

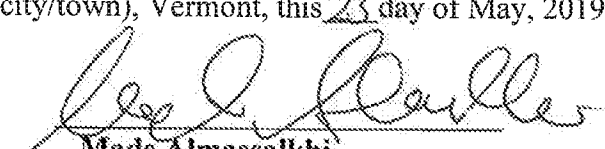
Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, I, the above-named inventor hereby sell, assign, and transfer to Assignee, its successors and assigns, and confirm any previous assignments made by me for, the entire right, title and interest in the Application(s) and inventions therein disclosed for the United States and foreign countries, including all provisional applications relating thereto, all divisional applications, renewal applications, continuation applications, continuation-in-part applications, and design applications thereof, and all issued patents which may have been granted or may be granted hereafter thereon, and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon, and all rights of priority resulting from any of the foregoing.

And I hereby agree that Assignee may file one or more international applications and apply for foreign Letters Patent on said inventions; and I request the Commissioner for Patents of the United States Patent and Trademark Office and the authorized official in each respective foreign patent office to issue any Letters Patent granted upon the inventions set forth in the Application(s) to Assignee; and I will execute all papers necessary in connection with the United States, international, and foreign applications when called upon to do so by Assignee.

I, the above-named, hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

I hereby authorize Downs Rachlin Martin PLLC to insert into this Assignment in the blank spaces appearing above, respectively, the application serial number and filing date of the patent application identified by Attorney Docket No. "02962-143USV1," which appears on at least one page of the application.

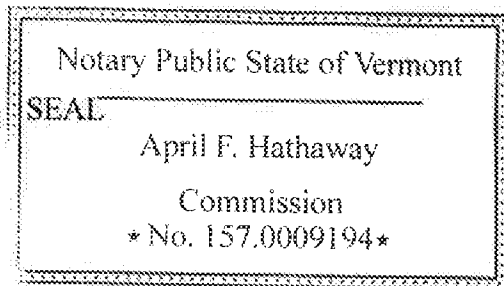
Executed at Burlington (city/town), Vermont, this 23rd day of May, 2019.


Mads Almassalkhi

STATE OF VERMONT

COUNTY of CHITTENDEN, SS.

On this 25th day of May, 2019, before me, the undersigned notary public, personally appeared **Mads Almassalkhi**, proved to me through satisfactory evidence of identification, which were VT Driver's License, to be the person who signed the preceding or attached document in my presence and swore to me that the contents of the document are truthful and accurate to the best of his knowledge and belief and acknowledged to me that he signed it voluntarily for its stated purpose.



Before me, April F. Hathaway
Notary Public

My commission expires: 1/31/2021

19261491.1