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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4670799

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RANKO BONTCHEV	09/21/2017
HAN SUK KIM	10/23/2017
RICHARD WILSON BELCHER	10/23/2017
MARK L. JARAND	09/21/2017

RECEIVING PARTY DATA

Name:	COOL PLANET ENERGY SYSTEMS, INC.
Street Address:	6400 SOUTH FIDDLERS GREEN CIRCLE
City:	GREENWOOD VILLAGE
State/Country:	COLORADO
Postal Code:	80111

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15474709

CORRESPONDENCE DATA

Fax Number: (818)332-4205

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: (818) 654-8841

Email: Patents@avynolaw.com **Correspondent Name:** JENNIFER H. HAMILTON

Address Line 1: AVYNO LAW P.C.

Address Line 2: 6345 BALBOA BLVD., BLDG. I, SUITE 208

Address Line 4: **ENCINO, CALIFORNIA 91316**

ATTORNEY DOCKET NUMBER:	CPE14025CIP1
NAME OF SUBMITTER:	JENNIFER H. HAMILTON
SIGNATURE:	/Jennifer H. Hamilton/
DATE SIGNED:	11/02/2017

Total Attachments: 5

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> **PATENT** REEL: 044018 FRAME: 0487 504624081

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> PATENT REEL: 044018 FRAME: 0488

Atty, Docket: CPE14025CIP1 PATENT

<u>ASSIGNMENT</u>

This Assignment ("Assignment") shall be effective as of March 30, 2017 ("Effective Date") by and between:

Ranko Panayotov Bontchev, residing at 694 Lantana St., Apt. 2, Camarillo, CA 93010;

Han Suk Kim, residing at 2418 Avenida Otono, Thousand Oaks, CA 91362;

Richard Wilson Belcher, residing at 3700 Leeward Way, Apt. 1, Oxnard, CA 93035;

Mark L. Jarand, residing at 23A Sumner Street, Rotorua, Bay of Plenty, New Zealand 3010 (collectively "ASSIGNORS"); and

Cool Planet Energy Systems, Inc., a Delaware corporation, having a principal place of business at 6400 South Fiddlers Green Circle, Greenwood Village, CO 80111 ("ASSIGNEE").

1.0 BACKGROUND

- 1.1 ASSIGNORS, through each ASSIGNOR'S respective fiduciary duty and/or employment with ASSIGNEE, as either fiduciary and/or employee, as the case may be, jointly invented certain new and useful improvements as described and set forth in an application for Letters Patent of the United States titled "BIOCHARS AND BIOCHAR TREATMENT PROCESSES," U.S. Patent Application Serial No. 15/474,709 filed on March 30, 2017 and any U.S. and foreign conversion or counterpart patent applications to which priority is claimed. The subject matter of this patent application shall be referred to as the "Invention."
- 1.2 ASSIGNEE, as employer of each ASSIGNOR, owns all right, title and interest in and to the Invention. ASSIGNORS, as consideration for each ASSIGNOR'S respective employment with ASSIGNEE, and/or based upon the duty of fidelity of each ASSIGNOR to ASSIGNEE, agree to execute all the necessary documents in order to perfect ASSIGNEE'S ownership in the Invention created or developed by ASSIGNORS during ASSIGNORS' employment with ASSIGNEE.
- 1.3 For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS are jointly executing this Assignment to ASSIGNEE to formally transfer to ASSIGNEE their equal and undivided right, title and interest in and to the Invention and all Letters Patent which may be granted from the Invention in the United States or any foreign country.

2.0 ASSIGNMENT

2.1 ASSIGNOR sells, assigns and transfers to ASSIGNEE all exclusive right, title and interest in and to the Invention and all Letters Patent that may be granted from the Invention in the United States, including any conversions, continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the patents may be granted. ASSIGNOR also

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Serial No. 15/474,709

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assigns all right, title and interest in and to the Invention, including all intellectual property rights and copyrights in the Invention, to ASSIGNEE.

- 2.2 ASSIGNORS assign all of ASSIGNORS' equal and undivided right, title and interest in and to the Invention in all foreign countries, including the right to apply for a patent or related legal rights in any foreign country and the right to all current and further applications for patents or related legal rights for the Invention, including the right to claim International Convention priority.
- 2.3 ASSIGNORS grant to ASSIGNEE the right to file applications on any aspect of the Invention in the name of all ASSIGNORS, in the name of ASSIGNEE, or otherwise, as ASSIGNEE may deem advisable.
- 2.4 ASSIGNORS further transfer and assign to ASSIGNEE all causes of action, rights, and remedies arising under any such patent, related legal rights, or application prior to or after the Effective Date of this Agreement.
- 2.5 ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment of the Invention and all the related patents and patent applications filed therefrom.
- 2.6 ASSIGNORS further covenant that, upon ASSIGNEE'S request, ASSIGNORS will promptly provide ASSIGNEE with all pertinent facts and documents relating to the Invention, and patents or patent applications as may be known and accessible to ASSIGNORS, and ASSIGNORS will testify as to the same in any interference or litigation process related to the Invention or any Letters Patent, patent application, or related legal rights, related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce the Invention and any patents or patent applications relating to the Invention as may be reasonably necessary or desirable.

The terms, covenants and provisions of this Assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNORS and ASSIGNORS' respective heirs, legal representatives and assigns.

Date 9/21/17	By R. Sey Feller
arrow and a second a second and	Ranko Bontchev
Date	By
	Han Suk Kim
Date	By
	Richard Wilson Belcher
Date	By
	Mark L. Jarand

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Date	Ву			*****************************
Date_10/23/17	Ву	Ranko Bontchev Han Suk Kim		
Date	Ву	Richard Wilson Belcher	······································	
Date	Ву	Mark L. Jarand		

Atty. Docket: CPE14025CIP1 PATENT

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Date	Ву	
		Ranko Bontchev
Date	By	
		Han Suk Kim
Date 10-2-3-17	Bv	19MS
Date	<i>- J</i>	Richard Wilson Belcher
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Date	By
	Ranko Bontchev
Date	Ву
	Han Suk Kim
Date	By
•	Richard Wilson Belcher
Date Sept. 21, 2019	By Mal-land
	Mark L Jarand

Serial No. 15/474,709

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