

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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<b>PROPERTY NUMBERS Total: 10</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14108138
Application Number:	15602051
Application Number:	14187175
Application Number:	14745299
Application Number:	15705164
PCT Number:	US1268561
PCT Number:	US1375495
PCT Number:	US1417843
PCT Number:	US1536817
PCT Number:	US1751658
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<b>ATTORNEY DOCKET NUMBER:</b>	323-000

<b>NAME OF SUBMITTER:</b>	DAVID C. ISAACSON
<b>SIGNATURE:</b>	/David C. Isaacson/
<b>DATE SIGNED:</b>	03/15/2019
<b>Total Attachments: 4</b> source=2019-03-13 - Brady-Redwave assignments 2 Signed#page1.tif source=2019-03-13 - Brady-Redwave assignments 2 Signed#page2.tif source=2019-03-13 - Brady-Redwave assignments 2 Signed#page3.tif source=2019-03-13 - Brady-Redwave assignments 2 Signed#page4.tif	

## **PATENT ASSIGNMENT**

This Patent Assignment ("Patent Assignment") is made and entered into effective March 1, 2019 ("Effective Date").

WHEREAS, Patrick K. Brady, an individual residing at 4279 Pebble Beach Drive, Longmont, Colorado 80503 ("Assignor") has invented certain new and useful improvements in using nanoantennae in various applications including converting electromagnetic radiation to electrical energy (the "Inventions") as described in the United States patents and patent applications listed in Schedule A hereto (collectively the "Patents and Patent Applications");

WHEREAS, Redwave Energy Inc., a corporation organized under the laws of the State of Delaware, having its principle office and place of business at 5395 Pearl Parkway, Suite 130, Boulder Colorado 80301 ("Assignee") is desirous of acquiring the entire right, title, and interest in, to, and under said Inventions and Patents and Patent Applications, and in, to, and under any additional Letters Patent that may be obtained for said Inventions, together with all foreign rights corresponding thereto, as hereinafter more fully set forth.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable and legally sufficient consideration, the receipt of which by Assignor from Assignee is hereby acknowledged, Assignor hereby sells, assigns, and transfers unto Assignee his entire right, title, and interest, including the right to sue for past, present, and future infringement, in, to, and under said Inventions and Patents and Patent Applications and any additional Letters Patent of the United States of America that may be obtained in respect thereof; any additional corresponding applications for any additional Letters Patent and any additional Letters Patent therefor in all other areas of the world; and any reissues, renewals, extensions, substitutions, confirmations, divisions, and continuations of any of the foregoing (hereinafter "Invention Rights"), to have and to hold for the sole and exclusive use and benefit of Assignee forever.

Assignor hereby covenants and agrees, for himself and for his respective legal representatives, to assist and cooperate with Assignee at Assignee's expense in the preparation and prosecution of any applications included within the Invention Rights and in the prosecution or defense of any interference, opposition, or other proceeding that may arise in connection with any applications of Letters Patent included within the Invention Rights and further to execute and deliver to Assignee any and all additional papers that may be requested by Assignee for the purpose of implementing the terms of this Assignment.

Assignor hereby authorizes and empowers Assignee to invoke and claim for any applications or Letters Patent included within the Invention Rights the benefit of any rights to which Assignor might be entitled under international law or under the laws of any particular country (such as, without limitation, the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable) and to invoke and claim said rights without further written or oral authorization from Assignor.

Assignor hereby consents that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file, or like document that may be required in

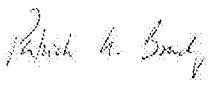
any particular country for any purpose and more particularly in proof of the right of Assignee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended.

Assignor covenants and agrees that this Assignment and all of the terms hereof shall inure to the benefit of the successors, assigns, legal representatives, or nominees of Assignee, without further written or oral authorization from Assignor.

Assignor represents he has the rights, titles, and interests to convey as set forth herein, and covenants with Assignee that Assignor has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Assignor hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States, whose duty is to issue patents or other evidence or forms of industrial property on applications as aforesaid, to issue the same to Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

IN TESTIMONY WHEREOF, the Assignor has executed this Patent Assignment Agreement as of the Effective Date as follows:

SIGNATURE:   
NAME: Patrick K. Brady  
Assignor

State of \_\_\_\_\_  
County of \_\_\_\_\_

On this \_\_\_\_\_ day of \_\_\_\_\_, 2019, the foregoing Patent Assignment was executed before me, a Notary Public, by \_\_\_\_\_, who is personally known to me or has produced \_\_\_\_\_ as identification and who did take an oath.

WITNESS my hand and official seal on

\_\_\_\_\_  
Notary Public  
State of \_\_\_\_\_

My Commission expires: \_\_\_\_\_

**Schedule A**

**U.S. Patents and Patent Applications**

<b>Title</b>	<b>Serial/App. No.</b>	<b>Filing Date</b>	<b>Patent No.</b>	<b>Issue Date</b>
System and Method for Identifying Materials Using a THz Spectral Fingerprint in a Media with High Water Content	14/108,138	12/16/2013	9,658,155	5/23/2017
System and Method for Identifying Materials Using a THz Spectral Fingerprint in a Media with High Water Content	15/602,051	5/22/2017		
Structures, System and Method for Converting Electromagnetic Radiation to Electrical Energy	14/187,175	2/21/2014		
System and Method for Converting Electromagnetic Radiation to Electrical Energy Using Metamaterials	14/745,799	6/19/2015		
Structures, System and Method for Converting Electromagnetic Radiation to Electrical Energy Using Metamaterials, Rectennas and Compensation Structures	15/705,164	9/14/2017		

## Schedule B

### Foreign Patents and Patent Applications

Title	Serial/App. No.	Filing Date	Patent No.	Issue Date
System and Method for Converting Electromagnetic Radiation to Electrical Energy	PCT/US12/68561	12/7/2012		
System and Method for Identifying Materials Using a THz Spectral Fingerprint in a Media with High Water Content	PCT/US13/75495	12/16/2013		
Structures, System and Method for Converting Electromagnetic Radiation to Electrical Energy	PCT/US14/17843	2/21/2014		
System and Method for Converting Electromagnetic Radiation to Electrical Energy Using Metamaterials	PCT/US15/36817	6/19/2015		
Structures, System and Method for Converting Electromagnetic Radiation to Electrical Energy Using Metamaterials, Rectennas and Compensation Structures	PCT/US17/51658	9/14/2017		