

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MICHAEL J. PARRELLA	08/15/2009
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State/Country:	CONNECTICUT	
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PROPERTY NUMBERS Total: 2		
Property Type	Number	
Application Number:	13911635	
Application Number:	14516949	
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SIGNATURE:	/Steven T. Cooper/	
DATE SIGNED:	12/09/2015	
Total Attachments: 3		
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ASSIGNMENT OF PATENTS

This Assignment of Patents (Assignment) is entered into and made effective as of the 15th day of August, 2009 by and between Michael J. Parrella (Inventor) and Pardev, LLC (Pardev).

Recitals

A. Inventor is the inventor and sole owner of technology which is subject of five (5) Patent Applications and all other intellectual property rights associated with the technology, designs, structure and interactions of various proprietary elements of the Single Well Engineered Geothermal System™ (SWEGS) for the cost-effective generation of geothermal energy from a single well (SWEGS Technology).

B. Pardev is engaged in the licensing and commercialization of Patent and other intellectual property rights related to the design, development, construction, management and operation of geothermal power plants utilizing the SWEGS design and technology. Pursuant to the terms of this Assignment, Pardev wishes to be assigned the Patent and other intellectual property rights to the SWEGS technology.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and subject to the foregoing, Inventor hereby sells, assigns, transfers and conveys unto Pardev one hundred percent (100%) of Inventor's right, title and interest, in perpetuity for all purposes in all countries, in and to the Patents and other intellectual property rights for the SWEGS Technology as more specifically described in the five (5) Provisional Patent Applications filed by Inventor for the SWEGS Technology, a list of which is attached hereto as Exhibit A and made a part hereof by reference.

This Assignment shall include all subparts, divisions, additions, renewals and continuations of the Patents and any other intellectual property rights associated with the SWEGS Technology, which may be granted, and all reissues and extensions thereof, and all applications for Patents or other grants of protection of proprietary intellectual property rights including, but not limited to, inventor's certificates, utility models, utility certificates, patents of importation, patent and industrial design registrations and all other documents which may be filed, and which may be granted, for said inventions in the US and any other foreign countries or regions, and all reissues, renewals and extensions thereof, and as described, claimed and/or granted under the Provisional Patent Applications attached hereto.

Inventor authorizes and empowers Pardev to invoke and claim, for any application for Patent or other form of intellectual property protection for the SWEGS Technology, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be added to or substituted for it, and to invoke and claim such right of priority without further written or oral authorization from Inventor;

Inventor 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 documents which may be required in any country for any purpose and more particularly in proof of the right of Pardev to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it;

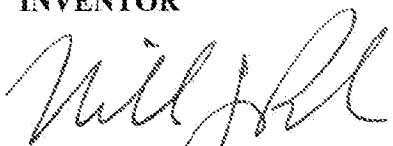
After the effective date of this Assignment, Pardev shall bear the sole responsibility for all actions and all expenses associated with this Assignment, the Patents and any other actions required for the timely and effective protection of the intellectual property rights associated with the SWEGS Technology.

The failure of Pardev to take any and all necessary action and pay any and all required expenses, including attorney's fees, filing fees, document creation fees, artist fees, document delivery fees and any other expenses associated with the full and timely protection of SWEGS Technology intellectual property shall be a material breach of this Assignment causing the immediate reversion of all rights granted hereunder back to Inventor.

Assignor hereby covenants that Assignor has not executed and will not execute any agreement in conflict with the provisions of this Assignment.

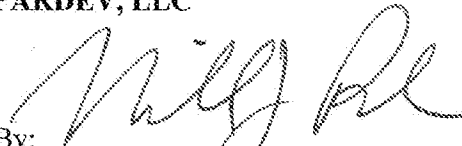
Agreed to and Accepted as of the date first above written.

INVENTOR



Michael J. Parrella

PARDEV, LLC

By: 

Managing Member

EXHIBIT A

Michael J. Parrella – GTherm Patent Filings

Matter No.	Title	Country	Application No.	Filing Date
1151-1002	System for generating electricity	U.S.	12/456,434	06/15/08
1151-1007	System for generating electricity	PCT	PCT/US2009/003592	06/15/08
1151-1003	Heat Nest Optimization Predictive Model	U.S.	12462657	08/05/09
1151-1004	Solid State Closed Loop Heat Exchanger	U.S.	12462661	08/05/09
1151-1005	Maximizing Grout Conductivity	U.S.	12462658	08/05/09
1151-1006	Control System	U.S.	12462656	08/05/09
1151-1008	Heat Nest Optimization Predictive Model	PCT	PCT/US2009/004517	08/05/09
1151-1009	Solid State Closed Loop Heat Exchanger	PCT	PCT/US2009/004515	08/05/09
1151-1010	Maximizing Grout Conductivity	PCT	PCT/US2009/004518	08/05/09
1151-1011	Control System	PCT	PCT/US2009/004516	08/05/09