

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James J. Stewart</td> <td>06/09/2010</td> </tr> <tr> <td>Dmitriy I. Zaynulin</td> <td>06/09/2010</td> </tr> <tr> <td>Anthony C. Scott</td> <td>05/19/2010</td> </tr> <tr> <td>Grahame Newton</td> <td>06/09/2010</td> </tr> </tbody> </table>		Name	Execution Date	James J. Stewart	06/09/2010	Dmitriy I. Zaynulin	06/09/2010	Anthony C. Scott	05/19/2010	Grahame Newton	06/09/2010
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Anthony C. Scott	05/19/2010										
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<b>RECEIVING PARTY DATA</b>											
Name:	Greenfield Energy Ltd.										
Street Address:	1-2 St. Andrews Hill										
City:	London										
State/Country:	UNITED KINGDOM										
Postal Code:	EC4V 5BY										
<b>PROPERTY NUMBERS Total: 1</b>											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12452558</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12452558						
Property Type	Number										
Application Number:	12452558										
<b>CORRESPONDENCE DATA</b>											
Fax Number:	(978)341-0136										
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ATTORNEY DOCKET NUMBER:	4572.1000-000										
NAME OF SUBMITTER:	Julie Kertyzak										
Total Attachments: 8											

**CH \$40.00 12452558**

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**PATENT  
 REEL: 024566 FRAME: 0565**

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JointASSIGNMENT

WHEREAS, we, **James J. Stewart, Dmitriy I. Zaynulin, Anthony C. Scott and Grahame Newton**, have invented a certain improvement in **Geothermal Energy System and Method of Operation** described in an application for Patent,

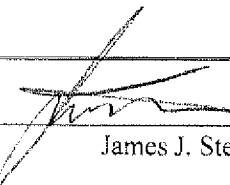
- the specification of which is about to be filed in the United States Patent Office *(use for utility (37 CFR § 1.53(b)) and design filings only)*;
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. [    ], filed [    ];
- the specification of which is a Patent Cooperation Treaty Application, International Application No. PCT/GB2008/002269, filed July 3, 2008, which designates the United States of America and is assigned United States Application No. 12/452,558;
- which was patented under United States Patent No. [    ].

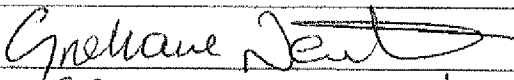
WHEREAS, **Greenfield Energy Ltd.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of **Great Britain**, and having a usual place of business at **1-2 St. Andrews Hill, London, EC4V 5BY, Great Britain**, desires to acquire an interest therein in accordance with agreements duly entered into with us;

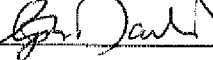
NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor  Date 9/06/10  
James J. Stewart  
Address Prins Hendriklaaan 19, 1862 EK, Netherlands

Witness Signature   
Print Witness Name GRAHAM NEWTON  
Address ZILKERBINNENWEG 35  
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Witness Signature   
Print Witness Name GREGORY RICHARD DAVIS  
Address 1-2 ST ANDREWS HILL, LONDON, EC4V 5BY, UNITED KINGDOM

Inventor [Signature] Date 9/06/10  
Dmitriy I. Zaynulin

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Witness Signature [Signature]

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1862 EK BERGEN, NETHERLANDS

Witness Signature [Signature]

Print Witness Name GRAHAME NENTON

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Inventor \_\_\_\_\_ Date \_\_\_\_\_  
Anthony C. Scott

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Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

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Inventor Grahame Newton Date 9/06/10  
Grahame Newton

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Witness Signature [Signature]

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Witness Signature [Signature]

Print Witness Name GREGORY RICHARD DAVIS

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NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

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Inventor \_\_\_\_\_ Date \_\_\_\_\_  
James J. Stewart

Address Prins Hendriklaaan 19, 1862 EK, Netherlands \_\_\_\_\_  
\_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_  
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Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

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Inventor \_\_\_\_\_ Date \_\_\_\_\_

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Address Flat 5, 68 Crediton Hill, London, NW6 1HR, Great Britain

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

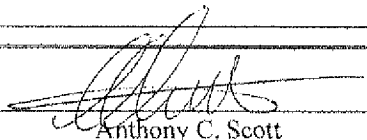
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Inventor \_\_\_\_\_ Date 19.05.2010

  
Anthony C. Scott

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Witness Signature \_\_\_\_\_

Print Witness Name J. R. W. JOYCE

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4318 SANDNES - NORWAY

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Inventor \_\_\_\_\_ Date \_\_\_\_\_

Grahame Newton

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