

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Scott Freitag</td> <td>03/01/2013</td> </tr> <tr> <td>Kelton Douglas Leighton Barr</td> <td>03/01/2013</td> </tr> <tr> <td>David Michael Beecroft</td> <td>03/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Scott Freitag	03/01/2013	Kelton Douglas Leighton Barr	03/01/2013	David Michael Beecroft	03/13/2013		
Name	Execution Date										
Scott Freitag	03/01/2013										
Kelton Douglas Leighton Barr	03/01/2013										
David Michael Beecroft	03/13/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Braun Intertec Geothermal, LLC</td> </tr> <tr> <td>Street Address:</td> <td>11001 Hampshire Avenue South</td> </tr> <tr> <td>City:</td> <td>Minneapolis</td> </tr> <tr> <td>State/Country:</td> <td>MINNESOTA</td> </tr> <tr> <td>Postal Code:</td> <td>55438</td> </tr> </table>		Name:	Braun Intertec Geothermal, LLC	Street Address:	11001 Hampshire Avenue South	City:	Minneapolis	State/Country:	MINNESOTA	Postal Code:	55438
Name:	Braun Intertec Geothermal, LLC										
Street Address:	11001 Hampshire Avenue South										
City:	Minneapolis										
State/Country:	MINNESOTA										
Postal Code:	55438										
PROPERTY NUMBERS Total: 2											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13913132</td> </tr> <tr> <td>PCT Number:</td> <td>US2013044798</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13913132	PCT Number:	US2013044798				
Property Type	Number										
Application Number:	13913132										
PCT Number:	US2013044798										
CORRESPONDENCE DATA											
<p>Fax Number: 6124927077  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 612-492-7000    Email: ip@fredlaw.com, kpietruszewski@fredlaw.com    Correspondent Name: Thomas R. Hipkins    Address Line 1: 200 South Sixth Street    Address Line 2: Suite 4000    Address Line 4: Minneapolis, MINNESOTA 55402</p>											
ATTORNEY DOCKET NUMBER:	65652.3										
NAME OF SUBMITTER:	Thomas R. Hipkins										
Signature:	/Thomas R. Hipkins/										

OP \$80.00 13913132

Date:

08/06/2013

Total Attachments: 3

source=Assignment#page1.tif

source=Assignment#page2.tif

source=Assignment#page3.tif

**ASSIGNMENT**

Whereas, Scott Freitag, residing at Little Falls, Minnesota; Kelton Douglas Leighton Barr, residing at St. Louis Park, Minnesota; and, David Michael Beecroft, residing at Frederic, Wisconsin (“Assignor”), has made invention(s) for which United States and foreign patents and patent applications have been or will be filed and are identified on the attached Schedule 1;

Whereas, Braun Intertec Geothermal, LLC, a Minnesota limited liability company having a place of business at 11001 Hampshire Avenue South, Minneapolis, Minnesota 55438 (“Assignee”), desires to acquire the entire right, title and interest in and to the United States and foreign patents and patent applications identified on the attached Schedule 1 and in and to the inventions described and claimed therein (the “Patents”); and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby assigns to Assignee, and its successors and assigns the following:

- (1) The entire right, title and interest to the Patents including the inventions described or claimed therein, and to each U.S. and foreign patent application and patent from which the Patents claim priority to, in whole or in part, and to which the Patents claim priority; and
- (2) The entire right, title and interest to any United States or foreign patents that may issue with respect to the inventions described or claimed in the Patents;
- (3) The entire right, title and interest to any renewals, reissues, extensions, substitutions, continuations, continuations-in-part, or divisions of the Patents, and all foreign applications based thereon;
- (4) The right to apply for patents in foreign countries in its own name and to claim any priority rights to which such foreign applications are entitled under international conventions, treaties or otherwise; and
- (5) The right to enforce patent rights to such Patents as fully and entirely as the same would have been held and enjoyed by the Assignors if this assignment had not been made; together with all claims by Assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives.

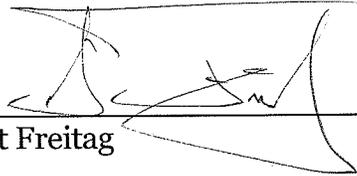
Assignor further agrees for himself and for his successors and assigns to execute and deliver without further consideration any further applications, assignments or other documents and to perform such other lawful acts as Assignee, its successors and assigns may deem necessary to fully secure, maintain and enforce its rights, title or interest as outlined herein.

Assignor hereby authorizes and requests the Commissioner of Patents to issue to Assignee any patents that may be granted in accordance with this Assignment.

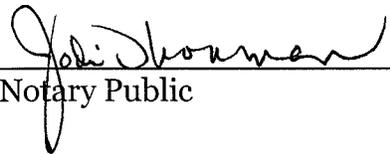
We hereby authorize attorneys associated with Customer No. 22859, of Fredrikson & Byron, P.A., of 200 South Sixth Street, Suite 4000, Minneapolis, Minnesota, 55402-1425, to insert the application numbers, filing dates, and other identifying information on Schedule 1 when known.

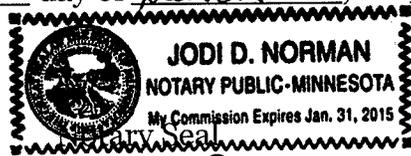
This Agreement may be executed in one or more counterparts, all of which shall be considered one and the same agreement. The signatures from each counterpart may be combined with a copy of the Agreement to constitute the entire Agreement.

Date: 3-1-2013

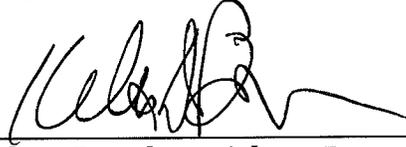
  
\_\_\_\_\_  
Scott Freitag

Subscribed to and sworn to before me this 1<sup>st</sup> day of March, 2013.

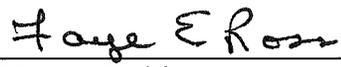
  
\_\_\_\_\_  
Notary Public

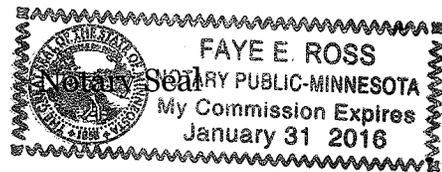


Date: 3-1-2013

  
\_\_\_\_\_  
Kelton Douglas Leighton Barr

Subscribed to and sworn to before me this 1<sup>st</sup> day of March, 2013.

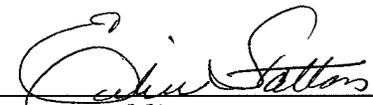
  
\_\_\_\_\_  
Notary Public



Date: 3/13/2013

  
\_\_\_\_\_  
David Michael Beecroft

Subscribed to and sworn to before me this 13 day of March, 2013.

  
\_\_\_\_\_  
Notary Public  
My Commission Expires 1/08/2017

Notary Seal

**SCHEDULE 1**

US Patent Applications

<b>Patent App. No.</b>	<b>Date Filed</b>	<b>Title</b>	<b>Attorney Docket No.</b>
61/656,763	6/7/2012	GROUND HEAT EXCHANGE PROCESSES AND EQUIPMENT	65652.3.1
13/913,132	6/7/2013	GROUND HEAT EXCHANGE PROCESSES AND EQUIPMENT	65652.3.2

US Patents

<b>Patent No.</b>	<b>Date Issued</b>	<b>Title</b>

Foreign and International Patent Applications

<b>Country</b>	<b>Patent App. No.</b>	<b>Date Filed</b>	<b>Title</b>	<b>Attorney Docket No.</b>
WO	PCT/ US2013/044798	6/7/2013	GROUND HEAT EXCHANGE PROCESSES AND EQUIPMENT	65652.3.3

Foreign Patents

<b>Country</b>	<b>Patent No.</b>	<b>Date of Issue</b>	<b>Title</b>