

PATENT ASSIGNMENT

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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>Felix Winkler</td> <td>12/13/2011</td> </tr> <tr> <td>Jeffrey Michael Calkins</td> <td>12/14/2011</td> </tr> </tbody> </table>		Name	Execution Date	Felix Winkler	12/13/2011	Jeffrey Michael Calkins	12/14/2011				
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Jeffrey Michael Calkins	12/14/2011										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Energy Recovery, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1717 Doolittle Drive</td> </tr> <tr> <td>City:</td> <td>San Leandro</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94577</td> </tr> </table>		Name:	Energy Recovery, Inc.	Street Address:	1717 Doolittle Drive	City:	San Leandro	State/Country:	CALIFORNIA	Postal Code:	94577
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13335102</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13335102						
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CORRESPONDENCE DATA											
Fax Number:	6508123444										
Email:	jkarle@carrferrell.com, kkline@carrferrell.com, patdocket@carrferrell.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Keith Kline										
Address Line 1:	Carr & Ferrell LLP										
Address Line 2:	120 Constitution Dr.										
Address Line 4:	Menlo Park, CALIFORNIA 94025										
ATTORNEY DOCKET NUMBER:	5853US										
NAME OF SUBMITTER:	Keith Kline										
Total Attachments: 2 source=5853US_Assignment#page1.tif source=5853US_Assignment#page2.tif											

CH \$40.00 13335102

PATENT

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, **Felix Winkler, and Jeffrey Michael Calkins**, do hereby sell, assign, and transfer to **Energy Recovery, Inc.**, a corporation with offices at **1717 Doolittle Drive, San Leandro, CA 94577** ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in United States patent application number 13/335,102 filed December 22, 2011 and entitled:

**"DEBRIS RESISTANT THRUST BEARING ASSEMBLY FOR HIGH SPEED
HYDRAULIC CENTRIFUGAL TURBINES AND PUMPS"**

and in and to said application and all utility, divisional, continuing, substitute, renewal, reissue, and all other patent applications which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States patent application; and

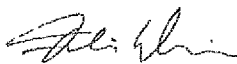
Agree that said Assignee may apply for and receive patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all

said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

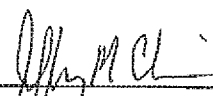
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

I hereby authorize and request Carr & Ferrell *LLP*, to insert the filing date and application number of this application upon allocation of this information by the United States Patent and Trademark Office.

Date: 12/13/2011

Name: 
Felix Winkler

Date: 12/14/2011

Name: 
Jeffrey Michael Calkins