

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3150476

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HIROYUKI YOKOYAMA	11/14/2014
YUSUKE SAKAI	11/14/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Sanden Corporation
<b>Street Address:</b>	20 Kotobuki-cho,
<b>Internal Address:</b>	Isesaki-shi,
<b>City:</b>	Gunma
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	372-8502
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14408545
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)508-9338
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	202 639-7700
<b>Email:</b>	dcipdocket@bakerbotts.com
<b>Correspondent Name:</b>	BAKER BOTTS, LLP
<b>Address Line 1:</b>	1299 PENNSYLVANIA AVENUE, NW
<b>Address Line 2:</b>	THE WARNER
<b>Address Line 4:</b>	WASHINGTON, D.C. 20004-2400
<b>ATTORNEY DOCKET NUMBER:</b>	018842.1692
<b>NAME OF SUBMITTER:</b>	CHAD M. CULLEN
<b>SIGNATURE:</b>	/Chad M. Cullen/
<b>DATE SIGNED:</b>	12/16/2014
<b>Total Attachments: 2</b>	
source=Assignment_1692#page1.tif	
source=Assignment_1692#page2.tif	

## ASSIGNMENT

WHEREAS, we, Hiroyuki YOKOYAMA and Yusuke SAKAI, each a citizen of Japan, have invented certain new and useful improvements in a:

### HEATING DEVICE AND METHOD FOR MANUFACTURING HEATING DEVICE

which are described in an application for United States Letters Patent, which claims priority from an application for Japanese Letters Patent filed on July 18, 2012, and accorded Japanese Published Patent Application No. 2012-159455, and which is a national stage application claiming priority from International Patent Application No. PCT/JP2013/004103 filed on July 2, 2013;

AND, WHEREAS, Sanden Corporation, a corporation organized under the laws of Japan, located at 20 Kotobuki-cho, Isesaki-shi, Gunma 372-8502, Japan, (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights thereunder;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, our entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) in and to said improvements; said United States application; any other United States applications, including provisional, divisional, renewal, substitute, continuation, and reissue applications or requests for reexamination, based in whole or in part on said United States application or in whole or in part on said improvements; and in and to any and all Letters Patent, including extensions and Certificates of Reexamination thereof, which have been or may be granted on any of the aforesaid United States applications or on said improvements or any parts thereof;

AND we hereby agree for ourselves and our heirs, executors, and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, or reissue application, of any request for reexamination, or in any amendments, extensions or interference proceedings, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND we hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, import, sell, or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title, and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND we do hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all Letters Patent, which may be granted upon said United States applications or upon said improvements or any parts thereof, and any and all Certificates of Reexamination, which may be granted upon any requests for reexamination, when granted, to said ASSIGNEE.

ASSIGNMENT  
Attorney Docket No. 018842.1692

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

November 14, 2014  
Date

Hiro yuki Yokoyama  
Hiro yuki YOKOYAMA

November 14, 2014  
Date

Yusuke SAKAI  
Yusuke SAKAI