

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Daisuke Hirono	12/07/2005
RECEIVING PARTY DATA	
Name:	Sanden Corporation
Street Address:	20 Kotobuki-cho
Internal Address:	Isesaki-shi
City:	Gunma
State/Country:	JAPAN
Postal Code:	372-8502
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10734677
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ATTORNEY DOCKET NUMBER:	018842.1278
NAME OF SUBMITTER:	James B. Arpin, Reg. No. 33,470
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PATENT

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REEL: 016880 FRAME: 0231

Attorney Docket No.: 018842.1278

## ASSIGNMENT

WHEREAS, I, Daisuke Hirono, a citizen of Japan, have invented certain new and useful improvements in:

### CURRENT DETECTION UNIT OF INVERTER

as described in an application for United States Letters Patent Application filed on May 12, 2005, and accorded Application No. 10/734,677;

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, I do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, my 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 patent application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination, and reissue applications, 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 thereof, which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND I hereby agree for myself and my 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, reexamination or reissue application 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 applications or patents, or any of them;

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

AND I 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

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States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

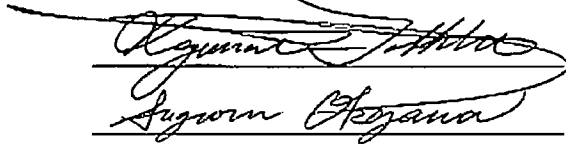
December 7, 2005

Date

廣野 大輔

Daisuke Hirono

WITNESSES:

  
Sugorn Chojana

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