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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4592598

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVE	ANCE:	ASSIGNMENT		
CONVEYING PARTY	' DATA			
		Name	Execution Date	
KENICHI SUZUKI			05/20/2015	
MEGUMI SHIGETA			05/20/2015	
		N HOLDINGS CORPORATION		
Name:	SANDEN	N HOLDINGS CORPORATION		
Name: Street Address:	SANDEN 20 KOTC			
RECEIVING PARTY Name: Street Address: City: State/Country:	SANDEN 20 KOTC	DBUKI-CHO		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15703415

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:		018842.1750			
NAME OF SUBMITTER:		LUKE K. PEDERSEN			
SIGNATURE:		/Luke K. Pedersen/			
DATE SIGNED:		09/13/2017			
Fotal Attachments: 2					
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ASSIGNMENT

WHEREAS, we, Kenichi SUZUKI and Megumi SHIGETA, each a citizen of Japan, have invented certain new and useful improvements in a:

VEHICLE AIR-CONDITIONING DEVICE

which are described in an application for United States Letters Patent, which claims priority from applications for Japanese Letters Patent filed on November 30, 2012, and accorded Japanese Published Patent Application Nos. 2012-262387 and 2012-262396, and which is a national stage application claiming priority from International Patent Application No. PCT/JP2013/082159 filed on November 29, 2013;

AND, WHEREAS, Sanden Holdings 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;

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ASSIGNMENT Attorney Docket No. 018842.1702

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.

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

May 20, 2015 Date

<u>Kenichi Luguki</u> Kenichi SUZUKI

May 20, 2015 Date

<u>Hegumi</u> Shigeta Megumi SHIGETA

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PATENT REEL: 043577 FRAME: 0299

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