

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3024370

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HIROMITSU TERUI	08/04/2014
HIDEKI ASUKE	08/04/2014
HIDEHARU TAKANO	08/04/2014
MASAYOSHI YAMAMOTO	08/18/2014
TAKAHIRO KAWASHIMA	08/07/2014
RECEIVING PARTY DATA	
Name:	SANKEN ELECTRIC CO., LTD.
Street Address:	6-3, KITANO 3-CHOME
City:	NIIZA-SHI, SAITAMA
State/Country:	JAPAN
Postal Code:	352-8666
Name:	NATIONAL UNIVERSITY CORPORATION SHIMANE UNIVERSITY
Street Address:	1060, NISHIKAWATSU-CHO
City:	MATSUE-SHI, SHIMANE
State/Country:	JAPAN
Postal Code:	690-8504
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14385597
CORRESPONDENCE DATA	
Fax Number:	(703)413-2220
<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>	
Phone:	(703) 413-3000
Email:	sbadic@oblon.com
Correspondent Name:	OBLON, SPIVAK, ET AL.
Address Line 1:	1940 DUKE STREET
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	441479US
NAME OF SUBMITTER:	SVJETLANA BADIC

PATENT

SIGNATURE:	/Svjetlana Badic/
DATE SIGNED:	09/16/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5 source=441479USAssignment#page1.tif source=441479USAssignment#page2.tif source=441479USAssignment#page3.tif source=441479USAssignment#page4.tif source=441479USAssignment#page5.tif	

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES**

Title of Invention	BIDIRECTIONAL DC-DC CONVERTER
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input type="checkbox"/> The attached application, or</p> <p>is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/JP2013/051465</u> filed on <u>January 24, 2013</u></p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>WHEREAS, <u>Sanken Electric Co., Ltd. and National University Corporation Shimane University</u> (hereinafter referred to as "ASSIGNEES") having places of business at: <u>6-3, Kitano 3-chome, Niiza-shi, Saitama 352-8666, Japan, and 1060, Nishikawatsu-cho, Matsue-shi, Shimane 690-8504, Japan</u>, respectively are desirous of jointly acquiring interests in the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;</p> <p>NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEES, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.</p> <p>I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.</p> <p>Further, I agree that I will communicate to said ASSIGNEES or their representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.</p>	
LEGAL NAME OF INVENTOR	
Inventor: <u>Hiromitsu TERUI</u>	Date: <u>2014/8/4</u>
Signature: <u>Hiromitsu TERUI</u>	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF INVENTOR	
Inventor: <u>Hideki ASUKE</u>	Date: <u>Aug. 4, 2014</u>
Signature: <u>Hideki Asuke</u>	

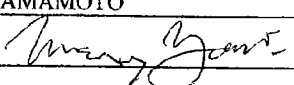
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LEGAL NAME OF INVENTOR	
Inventor: <u>Hideharu TAKANO</u>	Date: <u>August, 4, 2014</u>
Signature: <u>Hideharu Takano</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Masayoshi YAMAMOTO</u>	Date: <u>18. Aug. 2014</u>
Signature: 	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Takahiro KAWASHIMA</u>	Date: <u>August 7, 2014</u>
Signature: <u>Takahiro Kawashima</u>	

PATENT