

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2882035

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAVID GIULIANO	11/28/2012
RECEIVING PARTY DATA	
Name:	ARCTIC SAND TECHNOLOGIES, INC.
Street Address:	105 CAMBRIDGE PARK DRIVE
Internal Address:	SUITE 705
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02140
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14294642
CORRESPONDENCE DATA	
Fax Number:	(617)500-2499
<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:	617-500-2500
Email:	info@orpatent.com, smith@orpatent.com
Correspondent Name:	OCCHIUTI & ROHLICEK LLP
Address Line 1:	321 SUMMER ST.
Address Line 4:	BOSTON, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	30096-003002
NAME OF SUBMITTER:	GRACI SMITH
SIGNATURE:	/Graci Smith/
DATE SIGNED:	06/03/2014
Total Attachments: 1	
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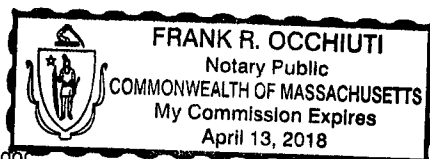
ASSIGNMENT

For valuable consideration, we, **David Giuliano** of 86 Lynnwood Drive, Rochester, NY 14618, hereby assign to **Arctic Sand Technologies, Inc.**, a corporation of Massachusetts, having a place of business at 150 CambridgePark Drive, Suite 705, Cambridge, MA 02140, and its successors and assigns (collectively hereinafter called "the Assignee"), effective as of October 18, 2011 the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled **POWER CONVERTERS WITH INTEGRATED CAPACITORS**, filed 10/17/2012, and assigned U.S. Serial Number 13/654,113, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, **U.S. Provisional 61/548,360, International Serial Number PCT/US12/60798**, and any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

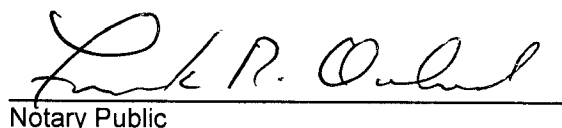
Date: 11/28/2012David GiulianoSTATE OF MASSACHUSETTS)
) SS.
COUNTY OF SUFFOLK)

On NOVEMBER 28, 2012, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared **David Giuliano** personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.



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Notary Public