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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5131780

NATURE OF CONVEYAN		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE		
CONVEYING PARTY DA	ΑΤΑ			
		Name	Execution Date	
GENERAL ELECTRIC GLOBAL RES		RESEARCH CTR	05/18/2018	
RECEIVING PARTY DA	ТА			
Name:	UNITED STATES DEPARTMENT OF ENERGY			
Street Address:	1000 INDEPENDENCE AVE. S.W.			
City:	WASHINGTON			
State/Country:	D.C.			
Postal Code:	20585			
Application Number:		15955064		
	e sent to provideo	(630)252-2779 the e-mail address first; if that is u i; if that is unsuccessful, it will be s (630) 252-2137 Confirmatory.License@science.doe.ge TIMOTHY L HARNEY 9800 S. CASS AVE IPLD ARGONNE, ILLINOIS 60439	ent via US Mail.	
	JMBER:	15/955,064 PSL	15/955,064 PSL	
			PAULA S LEON	
		FAULA 3 LLON		
ATTORNEY DOCKET NU NAME OF SUBMITTER: SIGNATURE: DATE SIGNED:		/Paula S Leon/ 09/10/2018		

CONFIRMATORY LICENSE

Title of Invention: COMPACT DESIGN OF MULTILEVEL POWER CONVERTER SYSTEMSInventor(s): Mark Edward Dame, Di Zhang, Jiangbiao HePatent Application Serial No: 15/955064Filing Date 17APR2018

Patent Number:

Name of Contractor (i.e. Contractor, Subcontractor, Grant, or Cooperative Agreement, as applicable): General Electric Global Reserach

DOE Contract No. (i.e. Contract, Subcontract, Grant, or Cooperative Agreement, as applicable): DE-EE0007252

DOE Case No.: S-148,444

Contractor Docket No.: 323757-1

The Contractor has reported the above-identified invention as a Subject Invention to DOE and has elected to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have practiced for or on behalf of the United States throughout the world; and of all other rights acquired by the Government by the patent rights clause in the above-identified contract.

It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified subject invention.

The Government is hereby granted an irrevocable power to inspect and make copies of the aboveidentified patent application.

Signed this 18th day of May, 2018

General Electric Global Research Contractor Name (Typed)

Official's Name and Title (Typed) Jason K. Klindtworth, Executive Counsel IP

One Research Circle, Niskayuna, New York 12309 Business Address

RECORDED: 09/10/2018

Issue Date: