503644231 01/12/2016 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE			
CONVEYING PARTY D	ΔΤΑ					
			Name			Execution Date
BATTELLE MEMORIAL INSTITUTE, F			ACIFIC NORTHWEST	IVISION		01/04/2016
RECEIVING PARTY D	ΑΤΑ					
Name:	U.S. D	U.S. DEPARTMENT OF ENERGY				
Street Address:	1000	NDEP	ENDENCE AVE., SW			
City:	WASH	WASHINGTON				
State/Country:	D.C.	D.C.				
Postal Code:	20585					
Application Number:		14866457				
Property Type		Number				
Application Number:		14866457				
CORRESPONDENCE						
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	27(17)	(202)	586-7127			
Fax Number: Correspondence will I	be sent to	o the e	e-mail address first; if t			
Fax Number: <i>Correspondence will I</i> <i>using a fax number, if</i>	be sent to	o the d d; if th	e-mail address first; if th nat is unsuccessful, it w			
Fax Number: <i>Correspondence will I using a fax number, if</i> Phone:	be sent to	o the d; if th 20258	e-mail address first; if t hat is unsuccessful, it w 362802			
Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email:	be sent to f provideo	o the o d; if th 20258 brenc	e-mail address first; if th nat is unsuccessful, it w			
Fax Number: <i>Correspondence will I using a fax number, if</i> Phone:	be sent to f provideo	o the o d; if th 20258 brenc BREN	e- <i>mail address first; if ti pat is unsuccessful, it w</i> 362802 la.banks@hq.doe.gov			
Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name:	be sent to f provideo	o the c d; if th 20258 brenc BREN 1000	e-mail address first; if ti nat is unsuccessful, it w 362802 la.banks@hq.doe.gov NDA K. BANKS			
Fax Number: <i>Correspondence will L using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	be sent to f provideo :	o the c d; if th 20258 brenc BREN 1000	e-mail address first; if th hat is unsuccessful, it w 362802 la.banks@hq.doe.gov NDA K. BANKS INDEPENDENCE AVE.			
Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	be sent to f provideo :	o the c d; if th 20258 brenc BREN 1000	e-mail address first; if the nat is unsuccessful, it w 362802 la.banks@hq.doe.gov NDA K. BANKS INDEPENDENCE AVE. HINGTON, D.C. 20585			
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Fax Number: <i>Correspondence will It using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: NAME OF SUBMITTER: SIGNATURE:	be sent to f provideo :	o the c d; if th 20258 brenc BREN 1000	e-mail address first; if the bat is unsuccessful, it we 362802 la.banks@hq.doe.gov NDA K. BANKS INDEPENDENCE AVE. HINGTON, D.C. 20585 BRENDA K. BANKS /Brenda K. Banks/			

CONFIRMATORY LICENSE (Nonprofit Organizations or Small Business Forms)

Title:	COORDINATION OF THERMOSTATICALLY CONTROLLED					
	LOADS WITH UNKNOWN PARAMETERS					
Inventor(s):	J Lian; K Kalsi; S Li; W Zhang					
Serial No.:	14/866,457	File Date (U.S.): 09/25/2015				
Contractor:	Battelle Memorial Institute, PNWD	DOE Case No.: S-123,920				
		Docket No: 30658-E				
Contract No.:	DE-AC05-76RL0 1830	Patent Right Clause No.: 1-99				

The Contractor, having the right to retain title to subject inventions as a result of Public Law 96-517, has reported the above-identified invention as a subject invention to DOE with its election to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States. Required by the Public Law and the above-identified contract, in this invention and of all other rights acquired by the Government by the above-identified contract, in this invention and of all other rights clause. 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 invention.

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

Signed this day of January, 2016. BATTELLE MEMORIAL INSTITUTE, PACIFIC NORTHWEST DIVISION (Contractor) by Derek H. Maughan, Authorized Agent P.O. Box 999, Richland, Washington 99352

<u>P.O. Box 999, Richland, Washington 9935</u> Business Address

RECORDED: 01/12/2016

DOE