

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	BSST LLC	11/12/2014
RECEIVING PARTY DATA		
Name:	GENTHERM INCORPORATED	
Street Address:	21680 HAGGERTY ROAD	
Internal Address:	SUITE 101	
City:	NORTHVILLE	
State/Country:	MICHIGAN	
Postal Code:	48167	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14152741
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ATTORNEY DOCKET NUMBER:	BSST.052C1	
NAME OF SUBMITTER:	VLADIMIR S. LOZAN	
SIGNATURE:	/Vladimir S. Lozan/	
DATE SIGNED:	07/19/2019	
Total Attachments: 11		
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ASSIGNMENT

WHEREAS, BSST LLC, a Delaware Limited Liability Company having offices at 1321 Mountain View Circle, Azusa, CA 91702 (hereinafter "ASSIGNOR"), owns the entire right, title, and interest to certain new and useful improvements for which ASSIGNOR has filed the issued Letters Patents and applications for Letters Patents in the United States and other jurisdictions listed in Exhibit 1 (hereinafter "the Patents and Patent Applications").

WHEREAS, GENTHERM INCORPORATED, a Michigan Corporation, with its principal place of business at 21680 Haggerty Road, Suite 101, Northville, MI 48167 (hereinafter "ASSIGNEE") desires to acquire the entire right, title, and interest in and to the inventions disclosed in the Patents and Patent Applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that it has sold, assigned, and transferred, and by these presents does hereby sell, assign, and transfer, unto ASSIGNEE, its successors, legal representatives, and assigns, its entire right, title, and interest throughout the world in, to, and under the Patents and Patent Applications and the inventions disclosed in the Patents and Patent Applications, and all Patents that may be granted thereon, and all provisional applications relating thereto, and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may hereafter be filed for said improvements or for the said Patent Applications in any country or countries foreign to the United States; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements and all Letters Patents resulting from the Patents and Patent Applications to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Assignment.

ASSIGNOR does hereby sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the Letters Patents before or after the date.

ASSIGNOR hereby covenants and agrees that it will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patents and Patent Applications immediately upon becoming aware of those facts, and that it will testify in any legal proceeding involving any of the Patents and Patent Applications, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain and enforce the Patents and Patent Applications in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 12th day of November, 2014

BSST LLC

By: Name Printed: BARRY G. STEELETitle: CFODate: Nov. 12, 2014

MICHIGAN
STATE OF ~~CALIFORNIA~~ }
COUNTY OF } ss.

On Nov. 12th, before me, DEBORAH MARIE PERKINS, notary public, personally appeared BARRY STEELE who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[SEAL]



Notary Signature

EXHIBIT 1**1. Table A: Issued Patents**

Jurisdiction	Patent no.	Issue date	Title
US	6539725	4/1/2003	EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION
US	7111465	9/26/2006	THERMOELECTRICS UTILIZING THERMAL ISOLATION
US	7231772	6/19/2007	COMPACT, HIGH-EFFICIENCY THERMOELECTRIC SYSTEMS
US	6959555	11/1/2005	HIGH POWER DENSITY THERMOELECTRIC SYSTEMS
US	7942010	5/17/2011	THERMOELECTRIC POWER GENERATING SYSTEMS UTILIZING SEGMENTED THERMOELECTRIC ELEMENTS
US	7946120	5/24/2011	HIGH CAPACITY THERMOELECTRIC TEMPERATURE CONTROL SYSTEM
US	7587902	9/15/2009	HIGH POWER DENSITY THERMOELECTRIC SYSTEMS
US	8079223	12/20/2011	HIGH POWER DENSITY THERMOELECTRIC SYSTEMS
CN	ZL200480026358.6	1/28/2009	HIGH POWER DENSITY THERMOELECTRIC SYSTEMS
CN	ZL200780035688.5	11/30/2011	THERMOELECTRIC POWER GENERATING SYSTEMS UTILIZING SEGMENTED THERMOELECTRIC ELEMENTS
CN	ZL200780035715.9	3/30/2011	HIGH CAPACITY THERMOELECTRIC TEMPERATURE CONTROL SYSTEMS
JP	4994034	5/18/2012	HIGH POWER DENSITY THERMOELECTRIC SYSTEMS
JP	5014427	6/15/2012	THERMOELECTRIC POWER GENERATING SYSTEMS UTILIZING SEGMENTED THERMOELECTRIC ELEMENTS
CN	ZL03819526.7	4/9/2008	COMPACT, HIGH-EFFICIENCY THERMOELECTRIC SYSTEMS
IN	239697	3/30/2010	A THERMOELECTRIC SYSTEM
JP	4340902	7/17/2009	COMPACT, HIGH-EFFICIENCY THERMOELECTRIC SYSTEMS
KR	10-0972545	7/21/2010	COMPACT, HIGH-EFFICIENCY THERMOELECTRIC SYSTEMS
RU	2355958	5/20/2009	COMPACT, HIGH-EFFICIENCY THERMOELECTRIC SYSTEMS
CN	ZL 02806235.3	10/22/2008	IMPROVED EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION
DE	1366328	8/13/2008	IMPROVED EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION
EP	1366328	8/13/2008	IMPROVED EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION
FR	1366328	8/13/2008	IMPROVED EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION
GB	1366328	8/13/2008	IMPROVED EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION

Jurisdiction	Patent no.	Issue date	Title
IN	235320	6/30/2009	IMPROVED EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION
IT	1366328	8/13/2008	IMPROVED EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION
JP	4041972	11/22/2007	IMPROVED EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION
KR	10-0860015	9/18/2008	IMPROVED EFFICIENCY THERMOELECTRICS USING THERMAL ISOLATION AND METHOD OF MAKING THE SAME
EP	1912030	4/20/2011	IMPROVED EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION
RU	2315250	1/20/2008	IMPROVED EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION
US	6672076	1/6/2004	EFFICIENCY THERMOELECTRICS UTILIZING CONVECTIVE HEAT FLOW
US	6948321	9/27/2005	EFFICIENCY THERMOELECTRICS UTILIZING CONVECTIVE HEAT FLOW
US	7421845	9/9/2008	THERMOELECTRICS UTILIZING CONVECTIVE HEAT FLOW
US	7926293	4/19/2011	THERMOELECTRICS UTILIZING CONVECTIVE HEAT FLOW
US	6598405	7/29/2003	THERMOELECTRIC POWER GENERATION UTILIZING CONVECTIVE HEAT FLOW
JP	4460219	2/19/2010	THERMOELECTRIC POWER GENERATOR AND METHOD OF IMPROVING EFFICIENCY IN THERMOELECTRIC POWER GENERATION SYSTEM
US	8375728	02/19/2013	THERMOELECTRICS UTILIZING CONVECTIVE HEAT FLOW
JP	5066139	8/17/2012	IMPROVED ENERGY CONVERSION EFFICIENCY OF THERMOELECTRIC POWER GENERATION UTILIZING CONVECTIVE HEAT FLOW
JP	4009844	9/14/2007	IMPROVED EFFICIENCY THERMOELECTRIC UTILIZING CONVECTIVE HEAT FLOW
US	7426835	9/23/2008	THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE
US	8069674	12/6/2011	THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE
CN	ZL02815450.9	9/17/2008	THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE
US	6637210	10/28/2003	THERMOELECTRIC TRANSIENT COOLING AND HEATING SYSTEMS
CN	ZL 02827850.X	1/28/2009	THERMOELECTRIC TRANSIENT COOLING AND HEATING SYSTEMS AND METHOD OF IMPROVING EFFICIENCY IN THE SAME
JP	4088792	3/7/2008	THERMOELECTRIC TRANSIENT COOLING AND HEATING SYSTEMS
RU	2328663	7/10/2008	THERMOELECTRIC TRANSIENT COOLING AND HEATING SYSTEMS
US	6625990	9/30/2003	THERMOELECTRIC POWER GENERATION SYSTEMS
CN	ZL03812288.X	2/14/2007	IMPROVED THERMOELECTRIC POWER GENERATION SYSTEMS AND METHOD

Jurisdiction	Patent no.	Issue date	Title
JP	4324797	6/19/2009	IMPROVED THERMOELECTRIC POWER GENERATION SYSTEMS
IN	255889	3/28/2013	IMPROVED THERMOELECTRIC POWER GENERATION SYSTEMS
US	7273981	9/25/2007	THERMOELECTRIC POWER GENERATION SYSTEMS
RU	2353047	4/20/2009	THERMOELECTRIC POWER GENERATION SYSTEMS
CN	ZL200680023523.1	9/29/2010	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE
EP	1897154	4/24/2013	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE
US	7608777	10/27/2009	THERMOELECTRIC POWER GENERATOR WITH INTERMEDIATE LOOP
CN	ZL200680023165.4	8/17/2011	THERMOELECTRIC POWER GENERATOR WITH INTERMEDIATE LOOP
EP	1897153	8/1/2012	THERMOELECTRIC POWER GENERATOR WITH INTERMEDIATE LOOP
JP	4891318	12/22/2011	THERMOELECTRIC POWER GENERATOR WITH INTERMEDIATE LOOP
US	7,380,586	6/3/2008	CLIMATE CONTROL SYSTEM FOR HYBRID VEHICLES USING THERMOELECTRIC DEVICES
US	7,870,892	1/18/2011	CLIMATE CONTROL METHOD FOR HYBRID VEHICLES USING THERMOELECTRIC DEVICES
DE	DE 10 2005 022 656	5/3/2007	CLIMATE CONTROL SYSTEM FOR HYBRID VEHICLES USING THERMOELECTRIC DEVICES
JP	4295250	4/17/2009	CLIMATE CONTROL SYSTEM FOR HYBRID VEHICLES USING THERMOELECTRIC DEVICES
US	7,743,614	6/29/2010	THERMOELECTRIC-BASED HEATING AND COOLING SYSTEM
JP	4493641	4/16/2010	THERMOELECTRIC BASED HEATING AND COOLING SYSTEM
US	8,408,012	04/02/2013	THERMOELECTRIC-BASED HEATING AND COOLING SYSTEM
DE	10 2006 042 160	5/26/2011	THERMOELECTRIC BASED HEATING AND COOLING SYSTEM FOR A HYBRID-ELECTRIC VEHICLE
US	8,261,868	9/11/2012	ENERGY MANAGEMENT SYSTEM FOR A HYBRID-ELECTRIC VEHICLE
DE	102006042162	7/12/2012	ENERGY MANAGEMENT SYSTEM FOR A HYBRID-ELECTRIC VEHICLE
US	7,870,745	1/18/2011	THERMOELECTRIC DEVICE EFFICIENCY ENHANCEMENT USING DYNAMIC FEEDBACK
US	8,424,315	4/23/2013	THERMOELECTRIC DEVICE EFFICIENCY ENHANCEMENT USING DYNAMIC FEEDBACK
US	7,788,933	9/7/2010	HEAT EXCHANGER TUBE HAVING INTEGRATED THERMOELECTRIC DEVICES
US	7,779,639	8/24/2010	HVAC SYSTEM FOR HYBRID VEHICLES USING THERMOELECTRIC DEVICES
US	8,783,397	7/22/2014	ENERGY MANAGEMENT SYSTEM FOR A HYBRID-ELECTRIC VEHICLE
JP	5511817	4/4/2014	ENHANCED THERMALLY ISOLATED THERMOELECTRICS

Jurisdiction	Patent no.	Issue date	Title
JP	5511737	4/4/2014	ENHANCED THERMALLY ISOLATED THERMOELECTRICS
US	8,701,422	4/22/2014	THERMOELECTRIC HEAT PUMP
US	8495884	07/30/2013	THERMOELECTRIC POWER GENERATING SYSTEMS UTILIZING SEGMENTED THERMOELECTRIC ELEMENTS
JP	JP 5457549	01/17/2014	TEMPERATURE CONTROL SYSTEM WITH THERMOELECTRIC DEVICE
US	8,490,412	7/23/2013	THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE
EP	1665402	7/31/2013	HIGH POWER DENSITY THERMOELECTRIC SYSTEMS
US	8,631,659	1/21/2014	HYBRID VEHICLE TEMPERATURE CONTROL SYSTEMS AND METHODS
US	8,445,772	5/21/2013	THERMOELECTRIC POWER GENERATOR WITH INTERMEDIATE LOOP
US	8,640,466	2/4/2014	THERMOELECTRIC HEAT PUMP
US	8,613,200	12/24/2013	HEATER-COOLER WITH BITHERMAL THERMOELECTRIC DEVICE
US	8,656,710	2/25/2014	THERMOELECTRIC-BASED POWER GENERATION SYSTEMS AND METHODS
JP	5496324	3/14/2014	BATTERY THERMAL MANAGEMENT SYSTEM

2. Table B: Filed Patent Applications

Jurisdiction	Application no	Filing date	Title
EP	7872584.3	7/27/2007	THERMOELECTRIC POWER GENERATING SYSTEMS UTILIZING SEGMENTED THERMOELECTRIC ELEMENTS
EP	11173088.3	7/27/2007	THERMOELECTRIC POWER GENERATING SYSTEMS UTILIZING SEGMENTED THERMOELECTRIC ELEMENTS
EP	7836303.3	7/27/2007	HIGH CAPACITY THERMOELECTRIC TEMPERATURE CONTROL SYSTEMS
IN	1203/DELNP/2009	7/27/2007	THERMOELECTRIC POWER GENERATING SYSTEMS UTILIZING SEGMENTED THERMOELECTRIC ELEMENTS
IN	1236/DELNP/2009	7/27/2007	HIGH CAPACITY THERMOELECTRIC TEMPERATURE CONTROL SYSTEMS
JP	2009-521857	7/27/2007	HIGH CAPACITY THERMOELECTRIC TEMPERATURE CONTROL SYSTEMS
EP	10187620.9	8/7/2003	COMPACT, HIGH-EFFICIENCY THERMOELECTRIC SYSTEMS
US	13/089681	4/19/2011	HIGH CAPACITY THERMOELECTRIC TEMPERATURE CONTROL SYSTEMS
BR	PI0306200-7	8/7/2003	COMPACT, HIGH-EFFICIENCY THERMOELECTRIC SYSTEMS
EP	3793029.4	8/7/2003	COMPACT, HIGH-EFFICIENCY THERMOELECTRIC SYSTEMS
IN	2390/DELNP/2008	8/7/2003	COMPACT, HIGH-EFFICIENCY THERMOELECTRIC SYSTEMS

Jurisdiction	Application no	Filing date	Title
IN	3911/DELNP/2009	2/7/2002	IMPROVED EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION AND METHOD THEREOF
US	13/308798	12/1/2011	THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE
JP	2003-519322	8/7/2002	THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE
CN	200880019378.9	6/6/2008	THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE
IN	7903/DELNP/2009	6/6/2008	THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE
EP	2723292.5	3/4/2002	THERMOELECTRIC TRANSIENT COOLING AND HEATING SYSTEMS
US	11/842799	8/21/2007	THERMOELECTRIC POWER GENERATION SYSTEMS
CN	200480026626.4	8/16/2004	THERMOELECTRIC POWER GENERATION SYSTEM
EP	4781276.3	8/16/2004	THERMOELECTRIC POWER GENERATION SYSTEMS
JP	2006-523963	8/16/2004	THERMOELECTRIC POWER GENERATION SYSTEMS
JP	2011-100482	8/16/2004	THERMOELECTRIC POWER GENERATION SYSTEMS
US	11/476325	6/28/2006	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE
EP	10188477.3	6/28/2006	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE
JP	2008-519561	6/28/2006	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE
US	12/126423	5/23/2008	SYSTEM AND METHOD FOR DISTRIBUTED THERMOELECTRIC HEATING AND COOLING
US	12/614278	11/6/2009	SYSTEM AND METHOD FOR CLIMATE CONTROL WITHIN A PASSENGER COMPARTMENT OF A VEHICLE
CN	200880021383.3	5/23/2008	SYSTEM AND METHOD FOR DISTRIBUTED THERMOELECTRIC HEATING AND COOLING
EP	8756238.5	5/23/2008	SYSTEM AND METHOD FOR DISTRIBUTED THERMOELECTRIC HEATING AND COOLING
IN	7745/DELNP/2009	5/23/2008	SYSTEM AND METHOD FOR DISTRIBUTED THERMOELECTRIC HEATING AND COOLING
WO	PCT/US2008/064763	5/23/2008	SYSTEM AND METHOD FOR DISTRIBUTED THERMOELECTRIC HEATING AND COOLING
CN	200980129187.2	6/3/2009	THERMOELECTRIC HEAT PUMP
EP	9759366.9	6/3/2009	THERMOELECTRIC HEAT PUMP
IN	9371/DELNP/2010	6/3/2009	THERMOELECTRIC HEAT PUMP
US	12/252314	10/15/2008	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE
CN	200980138130.9	5/29/2009	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE
EP	9789731.8	5/29/2009	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE

Jurisdiction	Application no	Filing date	Title
IN	1370/DELNP/2011	5/29/2009	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE
JP	2011-521141	5/29/2009	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE
US	12/605240	10/23/2009	MULTI-MODE HVAC SYSTEM WITH THERMOELECTRIC DEVICE
CN	200980152334.8	10/23/2009	MULTI-MODE HVAC SYSTEM WITH THERMOELECTRIC DEVICE
EP	9741172.2	10/23/2009	MULTI-MODE HVAC SYSTEM WITH THERMOELECTRIC DEVICE
IN	3520/DELNP/2011	10/23/2009	MULTI-MODE HVAC SYSTEM WITH THERMOELECTRIC DEVICE
JP	2011-533387	10/23/2009	MULTI-MODE HVAC SYSTEM WITH THERMOELECTRIC DEVICE
RU	2011116113	10/23/2009	MULTI-MODE HVAC SYSTEM WITH THERMOELECTRIC DEVICE
WO	PCT/US2009/061944	10/23/2009	MULTI-MODE HVAC SYSTEM WITH THERMOELECTRIC DEVICE
US	12/534006	7/31/2009	ENHANCED THERMALLY ISOLATED THERMOELECTRICS
CN	200980138705.7	7/31/2009	ENHANCED THERMALLY ISOLATED THERMOELECTRICS
EP	9791076.4	7/31/2009	ENHANCED THERMALLY ISOLATED THERMOELECTRICS
EP	11156757.4	7/31/2009	ENHANCED THERMALLY ISOLATED THERMOELECTRICS
IN	1457/DELNP/2011	7/31/2009	ENHANCED THERMALLY ISOLATED THERMOELECTRICS
US	13/289380	11/4/2011	ENERGY MANAGEMENT SYSTEMS AND METHODS WITH THERMOELECTRIC GENERATORS
WO	PCT/US2011/059424	11/4/2011	ENERGY MANAGEMENT SYSTEMS AND METHODS WITH THERMOELECTRIC GENERATORS
US	12/782532	5/18/2010	BATTERY THERMAL MANAGEMENT SYSTEM INCLUDING THERMOELECTRIC ASSEMBLIES IN THERMAL COMMUNICATION WITH A BATTERY
US	13/153241	6/3/2011	BATTERY THERMAL MANAGEMENT SYSTEM INCLUDING THERMOELECTRIC ASSEMBLIES IN THERMAL COMMUNICATION WITH THE BATTERY
CN	201080022010.5	5/18/2010	BATTERY THERMAL MANAGEMENT SYSTEM
EP	10721588.1	5/18/2010	BATTERY THERMAL MANAGEMENT SYSTEM
IN	9713/DELNP/2011	5/18/2010	BATTERY THERMAL MANAGEMENT SYSTEM
KR	10-2011-7028331	5/18/2010	BATTERY THERMAL MANAGEMENT SYSTEM
MX	MX/a/2011/012238	5/18/2010	BATTERY THERMAL MANAGEMENT SYSTEM
RU	2011143856	5/18/2010	BATTERY THERMAL MANAGEMENT SYSTEM
WO	PCT/US2010/035321	5/18/2010	BATTERY THERMAL MANAGEMENT SYSTEM
BR	1120120015206	7/26/2010	THERMOELECTRIC-BASED POWER GENERATION SYSTEMS AND METHODS

Jurisdiction	Application no	Filing date	Title
CN	2010800426131	7/26/2010	THERMOELECTRIC-BASED POWER GENERATION SYSTEMS AND METHODS
EP	10739779.6	7/26/2010	THERMOELECTRIC-BASED POWER GENERATION SYSTEMS AND METHODS
IN	830/DELNP/2012	7/26/2010	THERMOELECTRIC-BASED POWER GENERATION SYSTEMS AND METHODS
JP	2012-521880	7/26/2010	THERMOELECTRIC-BASED POWER GENERATION SYSTEMS AND METHODS
KR	10-2012-7004621	7/26/2010	THERMOELECTRIC-BASED POWER GENERATION SYSTEMS AND METHODS
WO	PCT/US2010/043278	7/26/2010	THERMOELECTRIC-BASED POWER GENERATION SYSTEMS AND METHODS
US	61/454170	3/18/2011	CHEMICAL HEAT PUMP WITH ELECTROCHEMICAL COMPRESSOR
US	61/493861	6/6/2011	THERMOELECTRIC POWER GENERATION SYSTEM WITH INTEGRATED ELASTIC MEMBRANE
US	61/493909	6/6/2011	CROSSFLOW THERMOELECTRIC GENERATOR WITH IMPROVED THERMAL EXPANSION PROTECTION
US	13/007454	1/14/2011	CLIMATE CONTROL SYSTEM FOR HYBRID VEHICLES USING THERMOELECTRIC DEVICES
JP	2010-280595	9/8/2006	ENERGY MANAGEMENT SYSTEM FOR A HYBRID-ELECTRIC VEHICLE
US	12/609,499	10/30/2009	HVAC SYSTEM FOR A HYBRID VEHICLE
US	12/877,035	9/7/2010	HEAT EXCHANGER TUBE HAVING INTEGRATED THERMOELECTRIC DEVICES
US	12/782569	5/18/2010	TEMPERATURE CONTROL SYSTEM WITH THERMOELECTRIC DEVICE
PCT	PCT/US2010/035313	5/18/2010	TEMPERATURE CONTROL SYSTEM WITH THERMOELECTRIC DEVICE
CN	201080032250.3	5/18/2010	TEMPERATURE CONTROL SYSTEM WITH THERMOELECTRIC DEVICE
EP	EP 10 72 1587.3	5/18/2010	TEMPERATURE CONTROL SYSTEM WITH THERMOELECTRIC DEVICE
US	13/852821	3/28/2013	THERMOELECTRIC-BASED THERMAL MANAGEMENT SYSTEM
IN	9711/DELNP/2011	5/18/2010	TEMPERATURE CONTROL SYSTEM WITH THERMOELECTRIC DEVICE
US	11/497693	8/2/2006	HVAC SYSTEM FOR A HYBRID VEHICLE
US	61/493906	6/6/2011	IMPROVED THERMOELECTRIC DEVICES THROUGH REDUCTION OF INTERFACIAL LOSSES
US	60/834006	7/28/2006	THERMOELECTRIC POWER GENERATOR
US	60/834007	7/28/2006	DEVICES USING THERMAL ISOLATION IN THE DIRECTION OF FLOW
US	61/179326	5/18/2009	BATTERY THERMAL MANAGEMENT SYSTEM
WO	PCT/US2009/052495	7/31/2009	ENHANCED THERMALLY ISOLATED THERMOELECTRICS

Jurisdiction	Application no	Filing date	Title
WO	PCT/US2004/026560	8/16/2004	THERMOELECTRIC POWER GENERATION SYSTEMS
WO	PCT/US2004/026757	8/17/2004	HIGH POWER DENSITY THERMOELECTRIC SYSTEMS
US	61/087611	8/8/2008	IMPROVED THERMOELECTRIC DEVICE ENCLOSURES
US	61/058482	6/3/2008	THERMOELECTRIC DEVICE ENCLOSURES WITH IMPROVED FLUID CHANNELING
WO	PCT/US2003/024899	8/7/2003	COMPACT, HIGH-EFFICIENCY THERMOELECTRIC SYSTEMS
WO	PCT/US02/03772	2/7/2002	IMPROVED EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION
WO	PCT/US02/03659	2/7/2002	IMPROVED ENERGY CONVERSION EFFICIENCY OF THERMOELECTRIC POWER GENERATION UTILIZING CONVECTIVE HEAT FLOW
WO	PCT/US02/03654	2/7/2002	IMPROVED EFFICIENCY THERMOELECTRICS UTILIZING CONVECTIVE HEAT FLOW
WO	PCT/US2008/066208	6/6/2008	THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE
WO	PCT/US02/25233	8/7/2002	THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE
WO	PCT/US2002/06285	3/4/2002	THERMOELECTRIC TRANSIENT COOLING AND HEATING SYSTEMS
WO	PCT/US03/17834	6/6/2003	IMPROVED THERMOELECTRIC POWER GENERATION SYSTEMS
WO	PCT/US2006/025330	6/28/2006	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE
US	61/139494	12/19/2008	HVAC SYSTEM FOR A HYBRID VEHICLE
WO	PCT/US2006/025533	6/28/2006	THERMOELECTRIC POWER GENERATOR WITH INTERMEDIATE LOOP
WO	PCT/US2009/046166	6/3/2009	THERMOELECTRIC HEAT PUMP
WO	PCT/US2009/045693	5/29/2009	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE
US	61/137747	8/1/2008	PERFORMANCE RESULTS OF A HIGH POWER DENSITY THERMOELECTRIC GENERATOR: BEYOND THE COUPLE
US	61/410773	11/5/2010	INTEGRATED WASTE HEAT RECOVERY AND POWER GENERATION
US	61/228528	7/24/2009	WASTE HEAT RECOVERY SYSTEM
US	61/328958	4/28/2010	THERMOELECTRIC SYSTEMS INTEGRATED WITH HEAT EXCHANGER STRUCTURES
US	61/493871	6/6/2011	LINEAR TEG MODULE FOR DISTRIBUTED FLUID SYSTEMS
US	61/493929	6/6/2011	THERMOELECTRIC GENERATOR WITH FLAT PLATE
US	61/493926	6/6/2011	CARTRIDGE-BASED THERMOELECTRIC GENERATOR SYSTEM WITH COLD SIDE AT THE CORE OF THE CARTRIDGES
WO	PCT/US2007/016873	7/27/2007	THERMOELECTRIC POWER GENERATING SYSTEMS UTILIZING SEGMENTED THERMOELECTRIC ELEMENTS

Jurisdiction	Application no	Filing date	Title
WO	PCT/US2007/016924	7/27/2007	HIGH CAPACITY THERMOELECTRIC TEMPERATURE CONTROL SYSTEMS
US	13/329801	12/19/2011	HIGH POWER DENSITY THERMOELECTRIC SYSTEMS
US	14/158342	1/17/2014	HIGH CAPACITY THERMOELECTRIC TEMPERATURE CONTROL SYSTEMS
US	60/267657	2/9/2001	IMPROVED EFFICIENCY THERMOELECTRICS
US	60/310565	8/7/2001	THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE
US	60/695901	6/28/2005	HIGH EFFICIENCY THERMOELECTRIC WASTE ENERGY RECOVERY SYSTEM FOR PASSENGER VEHICLE APPLICATIONS
US	60/694746	6/28/2005	HIGH EFFICIENCY THERMOELECTRIC WASTE ENERGY RECOVERY SYSTEM FOR PASSENGER VEHICLE APPLICATIONS
JP	2013-172224	8/22/2013	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE
US	60/834005	7/28/2006	HIGH CAPACITY THERMOELECTRIC TEMPERATURE CONTROL SYSTEM
US	60/942945	6/8/2007	THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE
US	60/940372	5/25/2007	DISTRIBUTED THERMOELECTRIC HEATING AND COOLING SYSTEM AND METHOD
US	60/953157	7/31/2007	DISTRIBUTED THERMOELECTRIC HEATING AND COOLING SYSTEM AND METHOD
US	14/220556	3/20/2014	THERMOELECTRIC HEAT PUMP
US	61/084606	7/29/2008	THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE
US	61/137650	8/1/2008	MODELING THE BUILDING BLOCKS OF A 10% EFFICIENT SEGMENTED THERMOELECTRIC POWER GENERATOR
US	61/108004	10/23/2008	HEATER-COOLER WITH BITHERMAL THERMOELECTRIC DEVICE
US	61/154551	2/23/2009	WAFER-LEVEL THERMOELECTRIC DEVICE ARCHITECTURE
US	13/559530	7/26/2012	THERMOELECTRIC-BASED THERMAL MANAGEMENT SYSTEMS
US	61/493842	6/6/2011	CYLINDRICAL MODULAR THERMOELECTRIC ENGINE WITH INERT GAS ENCAPSULATION
US	61/493899	6/6/2011	METHOD TO REDUCE CURRENT AND INCREASE VOLTAGE IN CYLINDRICAL THERMOELECTRIC GENERATOR DESIGN
US	13/966,106	8/13/2013	CLIMATE CONTROL SYSTEM FOR HYBRID VEHICLES USING THERMOELECTRIC DEVICES
JP	2006-275796	9/8/2006	ENERGY MANAGEMENT SYSTEM FOR A HYBRID-ELECTRIC VEHICLE
US	13/783,113	3/1/2013	HVAC SYSTEM FOR A HYBRID VEHICLE
JP	2013-156000	7/26/2013	TEMPERATURE CONTROL SYSTEM WITH THERMOELECTRIC DEVICE
US	61/179,314	5/18/2009	TEMPERATURE CONTROL SYSTEM USING THERMOELECTRIC DEVICE AND SHARED HEAT EXCHANGER