

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5596249

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NOTICE OF GRANT OF SECURITY INTEREST IN PATENTS
CONVEYING PARTY DATA	
Name	Execution Date
GENTHERM INCORPORATED	06/27/2019
RECEIVING PARTY DATA	
Name:	BANK OF AMERICA, N.A., AS ADMINISTRATIVE AGENT
Street Address:	101 N. TRYON STREET
Internal Address:	5TH FLOOR, NC1-001-05-45
City:	CHARLOTTE
State/Country:	NORTH CAROLINA
Postal Code:	28255
PROPERTY NUMBERS Total: 178	
Property Type	Number
Patent Number:	10314111
Patent Number:	10288084
Patent Number:	10286817
Patent Number:	10270141
Patent Number:	10266031
Patent Number:	10236547
Patent Number:	10228166
Patent Number:	10226134
Patent Number:	10219407
Patent Number:	10219323
Patent Number:	10208990
Patent Number:	10179526
Patent Number:	10170811
Patent Number:	10160356
Patent Number:	10124793
Patent Number:	10106011
Patent Number:	10071612
Patent Number:	10056702
Patent Number:	10052985

PATENT

Property Type	Number
Patent Number:	10023084
Patent Number:	10005337
Patent Number:	9989267
Patent Number:	9974394
Patent Number:	9899711
Patent Number:	9865794
Patent Number:	9863672
Patent Number:	9861006
Patent Number:	9857107
Patent Number:	9814641
Patent Number:	9719701
Patent Number:	9685599
Patent Number:	9671142
Patent Number:	9666914
Patent Number:	9662962
Patent Number:	9651279
Patent Number:	9622588
Patent Number:	9603459
Patent Number:	9590282
Patent Number:	9555686
Patent Number:	9451723
Patent Number:	9447994
Patent Number:	9445524
Patent Number:	9366461
Patent Number:	D759227
Patent Number:	9365090
Patent Number:	9335073
Patent Number:	9310112
Patent Number:	9306143
Patent Number:	9293680
Patent Number:	9276188
Patent Number:	9178128
Patent Number:	9125497
Patent Number:	9121414
Patent Number:	9105809
Patent Number:	9105808
Patent Number:	9103573
Patent Number:	9038400

Property Type	Number
Patent Number:	9006557
Patent Number:	9006556
Patent Number:	8974942
Patent Number:	8915091
Patent Number:	8893329
Patent Number:	8783397
Patent Number:	8782830
Patent Number:	8732874
Patent Number:	8722222
Patent Number:	8701422
Patent Number:	8656710
Patent Number:	8640466
Patent Number:	8631659
Patent Number:	8621687
Patent Number:	8613200
Patent Number:	8575518
Patent Number:	8539624
Patent Number:	8516842
Patent Number:	8505320
Patent Number:	8490412
Patent Number:	8445772
Patent Number:	8438863
Patent Number:	8434314
Patent Number:	8424315
Patent Number:	8418286
Patent Number:	8408012
Patent Number:	8402579
Patent Number:	8332975
Patent Number:	8261868
Patent Number:	8256236
Patent Number:	8222511
Patent Number:	8191187
Patent Number:	8181290
Patent Number:	8143554
Patent Number:	8104295
Patent Number:	8079223
Patent Number:	8069674
Patent Number:	8065763

Property Type	Number
Patent Number:	7996936
Patent Number:	7966835
Patent Number:	7963594
Patent Number:	7946120
Patent Number:	7942010
Patent Number:	7877827
Patent Number:	7870892
Patent Number:	7870745
Patent Number:	7788933
Patent Number:	7779639
Patent Number:	7743614
Patent Number:	7708338
Patent Number:	7665803
Patent Number:	7640754
Patent Number:	7608777
Patent Number:	7591507
Patent Number:	7587901
Patent Number:	7475464
Patent Number:	7426835
Patent Number:	7380586
Patent Number:	7246496
Patent Number:	7231772
Patent Number:	7178344
Patent Number:	7114771
Patent Number:	6907739
Patent Number:	6700052
Patent Number:	6598405
Patent Number:	6539725
Patent Number:	6223539
Application Number:	16164072
Application Number:	16095064
Application Number:	16082469
Application Number:	16088314
Application Number:	16085417
Application Number:	16069558
Application Number:	15999397
Application Number:	15754563
Application Number:	15910663

Property Type	Number
Application Number:	15867126
Application Number:	15880433
Application Number:	15580497
Application Number:	15851591
Application Number:	15580559
Application Number:	15580483
Application Number:	15580543
Application Number:	15580518
Application Number:	15536407
Application Number:	15523209
Application Number:	15595756
Application Number:	15474580
Application Number:	15414530
Application Number:	15208143
Application Number:	15434765
Application Number:	15519329
Application Number:	15325277
Application Number:	15317757
Application Number:	15177878
Application Number:	15177836
Application Number:	15240900
Application Number:	15101854
Application Number:	14937624
Application Number:	14307211
Application Number:	16283630
Application Number:	16057891
Application Number:	16226104
Application Number:	16226418
Application Number:	16255711
Application Number:	16330476
Application Number:	16383290
Application Number:	16388805
Application Number:	62712095
Application Number:	62712101
Application Number:	62712118
Application Number:	62712122
Application Number:	62712140
Application Number:	62712166

Property Type	Number
Application Number:	62712170
Application Number:	62714291
Application Number:	62773961
Application Number:	62776155
Application Number:	62776157
Application Number:	62776162
Application Number:	62802793

CORRESPONDENCE DATA

Fax Number: (704)331-1159

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ATTORNEY DOCKET NUMBER:	327000.011856
NAME OF SUBMITTER:	JOHN SLAUGHTER
SIGNATURE:	/john slaughter/
DATE SIGNED:	06/28/2019

Total Attachments: 10

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NOTICE OF GRANT OF SECURITY INTEREST IN PATENTS

United States Patent and Trademark Office

Ladies and Gentlemen:

Please be advised that pursuant to the Amended and Restated Pledge and Security Agreement dated as of June 27, 2019 (as the same may be amended, modified, restated or supplemented from time to time, the “Security Agreement”) by and among the Grantors from time to time party thereto (each a “Grantor” and collectively, the “Grantors”) and Bank of America, N.A., as Administrative Agent (the “Administrative Agent”) for the Secured Parties referenced therein, the undersigned Grantor has granted a continuing security interest in the patents and patent applications shown on Schedule 1 to the Administrative Agent for the ratable benefit of the Secured Parties.

The undersigned Grantor and the Administrative Agent, on behalf of the Secured Parties, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Amended and Restated Pledge and Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

[SIGNATURE PAGES FOLLOW]

Very truly yours,

GENTHERM INCORPORATED,
a Michigan corporation

By: 

Name: Matteo Anversa

Title: Chief Financial Officer

GENTHERM INCORPORATED
IP NOTICE

PATENT
REEL: 049627 FRAME: 0318

Acknowledged and Accepted:

BANK OF AMERICA, N.A.,
as Administrative Agent

By: _____

Name:

Title:

Felicia Brinson
Felicia Brinson
Assistant Vice President

GENTHERM INCORPORATED
IP NOTICE

PATENT
REEL: 049627 FRAME: 0319

Schedule 1**Gentherm Incorporated
(Michigan Corporation)****U.S. Patents****Issued Patents**

Title	Patent No.	Issue Date
LIQUID RESISTANT HEATING ELEMENT	10314111	06/04/19
LOW-PROFILE BLOWERS AND METHODS	10288084	05/14/19
VEHICLE SEAT WITH SLIDABLE AIR COUPLING	10286817	05/14/19
THERMOELECTRIC-BASED THERMAL MANAGEMENT SYSTEM	10270141	04/23/19
VEHICLE HEADLINER ASSEMBLY FOR ZONAL COMFORT	10266031	04/23/19
BATTERY THERMAL MANAGEMENT SYSTEMS INCLUDING HEAT SPREADERS WITH THERMOELECTRIC DEVICES	10236547	03/19/19
CONDENSATION AND HUMIDITY SENSORS FOR THERMOELECTRIC DEVICES	10228166	03/12/19
ENVIRONMENTALLY-CONDITIONED BED	10226134	03/12/19
SYSTEMS AND METHODS FOR COOLING INDUCTIVE CHARGING ASSEMBLIES	10219407	02/26/19
CONDUCTIVE CONVECTIVE CLIMATE CONTROLLED SEAT	10219323	02/26/19
THERMOELECTRIC DEVICE CONTROLS AND METHODS	10208990	02/19/19
ENHANCED CLIMATE SEAT WITH ASYMMETRIC THERMAL MANAGEMENT SYSTEM AND METHOD	10179526	01/15/19
THERMOELECTRIC-BASED THERMAL MANAGEMENT OF ELECTRICAL DEVICES	10170811	01/01/19
CLIMATE CONTROL ASSEMBLY	10160356	12/25/18
SYSTEMS AND METHODS FOR SUPPLYING POWER IN A HYBRID VEHICLE USING CAPACITORS, A BATTERY AND ONE OR MORE DC/DC CONVERTERS	10124793	11/13/18
TEMPERATURE CONTROL SYSTEM WITH THERMOELECTRIC DEVICE	10106011	10/23/18
VEHICLE HEADREST THERMAL CONDITIONER	10071612	09/11/18
CRIMP CONNECTION FOR MESH SHIELDING MATERIAL USED IN STEERING WHEEL WITH CAPACITIVE SENSING	10056702	08/21/18
LIQUID COOLED THERMOELECTRIC DEVICE	10052985	08/21/18
VEHICLE SEAT WITH SLIDABLE AIR COUPLING	10023084	07/17/18
HEATING AND COOLING SYSTEMS FOR SEATING ASSEMBLIES	10005337	06/26/18
MOISTURE ABATEMENT IN HEATING OPERATION OF CLIMATE CONTROLLED SYSTEMS	9989267	06/05/18

CLIMATE CONTROLLED BED ASSEMBLY WITH INTERMEDIATE LAYER	9974394	05/22/18
GRAPHITE THERMOELECTRIC AND/OR RESISTIVE THERMAL MANAGEMENT SYSTEMS AND METHODS	9899711	02/20/18
THERMOELECTRIC DEVICES WITH INTERFACE MATERIALS AND METHODS OF MANUFACTURING THE SAME	9865794	01/09/18
THERMOELECTRIC-BASED AIR CONDITIONING SYSTEM	9863672	01/09/18
SYSTEMS AND METHODS FOR THERMOELECTRICALLY COOLING INDUCTIVE CHARGING STATIONS	9861006	01/02/18
THERMOELECTRIC DEVICE WITH INTERNAL SENSOR	9857107	01/02/18
CLIMATE-CONTROLLED TOPPER MEMBER FOR BEDS	9814641	11/14/17
THERMOELECTRIC HEAT PUMP	9719701	08/01/17
METHOD AND SYSTEM FOR CONTROLLING AN OPERATION OF A THERMOELECTRIC DEVICE	9685599	06/20/17
THERMOELECTRIC-BASED THERMAL MANAGEMENT OF ELECTRICAL DEVICES	9671142	06/06/17
THERMOELECTRIC-BASED BATTERY THERMAL MANAGEMENT SYSTEM	9666914	05/30/17
VEHICLE HEADLINER ASSEMBLY FOR ZONAL COMFORT	9662962	05/30/17
CONDENSATION AND HUMIDITY SENSORS FOR THERMOELECTRIC DEVICES	9651279	05/16/17
ENVIRONMENTALLY-CONDITIONED BED	9622588	04/18/17
THERMALLY CONDITIONED BED ASSEMBLY	9603459	03/28/17
BATTERY THERMAL MANAGEMENT SYSTEMS INCLUDING HEAT SPREADERS WITH THERMOELECTRIC DEVICES	9590282	03/07/17
TEMPERATURE CONTROL SYSTEMS WITH THERMOELECTRIC DEVICES	9555686	01/31/17
SYSTEM AND METHOD FOR THERMOELECTRICALLY COOLING INDUCTIVE CHARGING ASSEMBLIES	9451723	09/20/16
TEMPERATURE CONTROL SYSTEMS WITH THERMOELECTRIC DEVICES	9447994	09/20/16
SYSTEMS AND METHODS FOR THERMOELECTRICALLY COOLING INDUCTIVE CHARGING STATIONS	9445524	09/13/16
SYSTEM AND METHOD FOR CLIMATE CONTROL WITHIN A PASSENGER COMPARTMENT OF A VEHICLE	9366461	06/14/16
COVER	D759227	06/14/16
CLIMATE CONTROL SYSTEM FOR VEHICLES USING THERMOELECTRIC DEVICES	9365090	06/14/16
CLIMATE CONTROLLED SEATING ASSEMBLY WITH SENSORS	9335073	05/10/16
SYSTEM AND METHOD FOR DISTRIBUTED THERMOELECTRIC HEATING AND COOLING	9310112	04/12/16

HIGH EFFICIENCY THERMOELECTRIC GENERATION	9306143	04/05/16
CARTRIDGE-BASED THERMOELECTRIC SYSTEMS	9293680	03/22/16
THERMOELECTRIC-BASED POWER GENERATION SYSTEMS AND METHODS	9276188	03/01/16
THERMOELECTRIC DEVICES WITH INTERFACE MATERIALS AND METHODS OF MANUFACTURING THE SAME	9178128	11/03/15
CLIMATE CONTROLLED BED ASSEMBLY WITH INTERMEDIATE LAYER	9125497	09/08/15
LOW-PROFILE BLOWERS AND METHODS	9121414	09/01/15
SEGMENTED THERMOELECTRIC DEVICE	9105809	08/11/15
THERMOELECTRIC DEVICE	9105808	08/11/15
HVAC SYSTEM FOR A VEHICLE	9103573	08/11/15
TEMPERATURE CONTROL SYSTEM WITH THERMOELECTRIC DEVICE	9038400	05/26/15
SYSTEMS AND METHODS FOR REDUCING CURRENT AND INCREASING VOLTAGE IN THERMOELECTRIC SYSTEMS	9006557	04/14/15
THERMOELECTRIC POWER GENERATOR FOR VARIABLE THERMAL POWER SOURCE	9006556	04/14/15
BATTERY THERMAL MANAGEMENT SYSTEM INCLUDING THERMOELECTRIC ASSEMBLIES IN THERMAL COMMUNICATION WITH A BATTERY	8974942	03/10/15
THERMOELECTRIC-BASED THERMAL MANAGEMENT SYSTEM	8915091	12/23/14
CONTROL SCHEMES AND FEATURES FOR CLIMATE-CONTROLLED BEDS	8893329	11/25/14
ENERGY MANAGEMENT SYSTEM FOR A HYBRID-ELECTRIC VEHICLE	8783397	07/22/14
ENVIRONMENTALLY CONDITIONED BED ASSEMBLY	8782830	07/22/14
HEATED AND COOLED BED ASSEMBLY	8732874	05/27/14
THERMOELECTRIC-BASED THERMAL MANAGEMENT OF ELECTRICAL DEVICES	8722222	05/13/14
THERMOELECTRIC HEAT PUMP	8701422	04/22/14
THERMOELECTRIC-BASED POWER GENERATION SYSTEMS AND METHODS	8656710	02/25/14
THERMOELECTRIC HEAT PUMP	8640466	02/04/14
HYBRID VEHICLE TEMPERATURE CONTROL SYSTEMS AND METHODS	8631659	01/21/14
TOPPER MEMBER FOR BED	8621687	01/07/14
HEATER-COOLER WITH BITHERMAL THERMOELECTRIC DEVICE	8613200	12/24/13
CONVECTIVE HEATER	8575518	11/05/13
STRUCTURE BASED FLUID DISTRIBUTION SYSTEM	8539624	09/24/13
THERMAL CONDITIONING SYSTEM FOR CLIMATE-CONTROLLED SEAT ASSEMBLIES	8516842	08/27/13
CLIMATE CONTROLLED SEATING ASSEMBLY WITH HUMIDITY SENSOR	8505320	08/13/13
THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE	8490412	07/23/13

THERMOELECTRIC POWER GENERATOR WITH INTERMEDIATE LOOP	8445772	05/21/13
CLIMATE CONTROLLED BEVERAGE CONTAINER	8438863	05/14/13
CLIMATE CONTROL SYSTEMS AND METHODS	8434314	05/07/13
CLIMATE CONTROLLED BED ASSEMBLY	8424315	04/23/13
CLIMATE CONTROLLED BED ASSEMBLY	8418286	04/16/13
THERMOELECTRIC-BASED HEATING AND COOLING SYSTEM	8408012	04/02/13
CLIMATE CONTROLLED BEDS AND METHODS OF OPERATING THE SAME	8402579	03/26/13
CLIMATE-CONTROLLED TOPPER MEMBER FOR MEDICAL BEDS	8332975	12/18/12
ENERGY MANAGEMENT SYSTEM FOR A HYBRID-ELECTRIC VEHICLE	8261868	09/11/12
CONDENSATION AND HUMIDITY SENSORS FOR THERMOELECTRIC DEVICES	8256236	09/04/12
THERMOELECTRIC DEVICE	8222511	07/17/12
ENVIRONMENTALLY-CONDITIONED TOPPER MEMBER FOR BEDS	8191187	06/05/12
CLIMATE CONTROLLED BED ASSEMBLY	8181290	05/22/12
AIR WARMER	8143554	03/27/12
COOLING SYSTEM FOR CONTAINER IN A VEHICLE	8104295	01/31/12
HIGH POWER DENSITY THERMOELECTRIC SYSTEMS	8079223	12/20/11
THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE	8069674	12/06/11
AIR CONDITIONED BED	8065763	11/29/11
OPERATIONAL SCHEMES FOR CLIMATE CONTROLLED BEDS	7996936	08/16/11
THERMAL MODULE FOR CLIMATE-CONTROLLED SEAT ASSEMBLIES	7966835	06/28/11
CHAIR WITH AIR CONDITIONING DEVICE	7963594	06/21/11
HIGH CAPACITY THERMOELECTRIC TEMPERATURE CONTROL SYSTEM	7946120	05/24/11
THERMOELECTRIC POWER GENERATING SYSTEMS UTILIZING SEGMENTED THERMOELECTRIC ELEMENTS	7942010	05/17/11
OPERATIONAL CONTROL SCHEMES FOR VENTILATED SEAT OR BED ASSEMBLIES	7877827	02/01/11
CLIMATE CONTROL METHOD FOR HYBRID VEHICLES USING THERMOELECTRIC DEVICES	7870892	01/18/11
THERMOELECTRIC DEVICE EFFICIENCY ENHANCEMENT USING DYNAMIC FEEDBACK	7870745	01/18/11
HEAT EXCHANGER TUBE HAVING INTEGRATED THERMOELECTRIC DEVICES	7788933	09/07/10
HVAC SYSTEM FOR HYBRID VEHICLES USING THERMOELECTRIC DEVICES	7779639	08/24/10
THERMOELECTRIC-BASED HEATING AND COOLING SYSTEM	7743614	06/29/10
VENTILATION SYSTEM FOR SEAT	7708338	05/04/10

CHAIR WITH AIR CONDITIONING DEVICE	7665803	02/23/10
INSERT DUCT PIECE FOR THERMAL ELECTRIC MODULE	7640754	01/05/10
THERMOELECTRIC POWER GENERATOR WITH INTERMEDIATE LOOP	7608777	10/27/09
THE STRAP FOR CLIMATE CONTROLLED SEAT	7591507	09/22/09
CONTROL SYSTEM FOR THERMAL MODULE IN VEHICLE	7587901	09/15/09
CLIMATE CONTROLLED SEAT	7475464	01/13/09
THERMOELECTRIC PERSONAL ENVIRONMENT APPLIANCE	7426835	09/23/08
CLIMATE CONTROL SYSTEM FOR HYBRID VEHICLES USING THERMOELECTRIC DEVICES	7380586	06/03/08
THERMOELECTRIC BASED HEATING AND COOLING SYSTEM FOR A HYBRID-ELECTRIC VEHICLE	7246496	07/24/07
COMPACT, HIGH-EFFICIENCY THERMOELECTRIC SYSTEMS	7231772	06/19/07
THERMOELECTRIC HEAT EXCHANGER	7178344	02/20/07
CLIMATE CONTROLLED SEAT	7114771	10/03/06
THERMOELECTRIC HEAT EXCHANGER	6907739	06/21/05
FLEXIBLE THERMOELECTRIC CIRCUIT	6700052	03/02/04
THERMOELECTRIC POWER GENERATION UTILIZING CONVECTIVE HEAT FLOW	6598405	07/29/03
EFFICIENCY THERMOELECTRICS UTILIZING THERMAL ISOLATION	6539725	04/01/03
THERMOELECTRIC HEAT EXCHANGER	6223539	05/01/01

Patent Applications

Title	Appl. No.	Filing Date
TEMPERATURE CONTROL SYSTEM WITH THERMOELECTRIC DEVICE	16164072 20190152292	10/18/18
CLIMATE CONTROLLED SEAT WITH A THERMAL CONDITIONING DEVICE WHICH IS CONTROLLED BY DETERMINING A HEAT FLUX	16095064 20190101945	10/19/18
DISTRIBUTED THERMOELECTRICS WITH NON-UNIFORM THERMAL TRANSFER CHARACTERISTICS	16082469 20190088847	09/05/18
OCCUPANT THERMAL STATE DETECTION AND COMFORT ADJUSTMENT SYSTEM AND METHOD	16088314 20190084372	09/25/18
DISTRIBUTED THERMOELECTRICS AND CLIMATE COMPONENTS USING SAME	16085417 20190081225	09/14/18
VEHICLE BATTERY THERMOELECTRIC MODULE WITH SIMPLIFIED ASSEMBLY	16069558 20190020081	07/12/18
AIR MOVER INLET INTERFACE AND COVER	15999397 20190003491	08/16/18
VEHICLE HEADREST THERMAL CONDITIONER	15754563 20180257532	02/22/18
DUAL VOLTAGE BATTER SYSTEM FOR A VEHICLE	15910663 20180252195	03/02/18

GRAPHITE THERMOELECTRIC AND/OR RESISTIVE THERMAL MANAGEMENT SYSTEMS AND METHODS	15867126 20180226699	01/10/18
CLIMATE CONTROLLED BEDS AND METHODS OF OPERATING THE SAME	15880433 20180213942	01/25/18
THERMOELECTRIC MODULE WITH FASTENING ELEMENT THERMAL ISOLATION FEATURE FOR VEHICLE BATTERY	15580497 20180209748	12/07/17
SYSTEMS AND METHODS FOR THERMOELECTRICALLY COOLING INDUCTIVE CHARGING STATIONS	15851591 20180199464	12/21/17
VEHICLE BATTERY THERMOELECTRIC DEVICE WITH INTEGRATED COLD PLATE ASSEMBLY AND METHOD OF ASSEMBLING SAME	15580559 20180175271	06/21/18
VEHICLE BATTERY THERMOELECTRIC MODULE WITH IMPROVED HEAT TRANSFER AND THERMAL ISOLATION FEATURES	15580483 20180166758	12/07/17
VEHICLE BATTERY THERMOELECTRIC DEVICE WITH INTEGRATED COLD PLATE ASSEMBLY	15580543 20180166621	12/07/17
THERMOELECTRIC MODULE WITH TEMPORARILY COMPRESSIBLE COMPRESSION LIMITER FOR VEHICLE BATTERY	15580518 20180164002	12/07/17
THERMAL CONDITIONING SYSTEMS AND METHODS FOR VEHICLE REGIONS	15536407 20170361676	06/15/17
VEHICLE MICROCLIMATE SYSTEM AND METHOD OF CONTROLLING SAME	15523209 20170334263	04/28/17
THERMOELECTRIC-BASED THERMAL MANAGEMENT OF ELECTRICAL DEVICES	15595756 20170314824	05/15/17
SYSTEMS AND METHODS FOR CALCULATING MOTOR POSITION, INERTIA AND REST POSITION IN SENSORLESS BRUSHED DC MOTOR CONTROL SYSTEMS	15474580 20170288582	03/30/17
TEMPERATURE CONTROL SYSTEMS WITH THERMOELECTRIC DEVICES	15414530 20170259643	01/24/17
BATTERY AND CAPACITOR ASSEMBLY FOR A VEHICLE AND A METHOD FOR HEATING AND COOLING THE BATTERY AND CAPACITOR ASSEMBLY	15208143 20170256833	07/12/16
SYSTEMS AND METHODS FOR SUPPLYING POWER IN A HYBRID VEHICLE USING CAPACITORS, A BATTERY AND ONE OR MORE DC/DC CONVERTERS	15434765 20170253127	02/16/17
CLIMATE CONTROL SYSTEMS AND METHODS	15519329 20170240079	04/14/17
AUXILIARY HEATING, VENTILATION, AND AIR CONDITIONING SYSTEM AND METHOD	15325277 20170182861	01/10/17
OFFICE CLIMATE CONTROL SYSTEM AND METHOD	15317757 20170135490	12/09/16
SYSTEM AND METHOD FOR DISTRIBUTED THERMOELECTRIC HEATING AND COOLING	15177878 20160361968	06/09/16
CLIMATE CONTROL SYSTEM FOR VEHICLES USING THERMOELECTRIC DEVICES	15177836 20160361967	06/09/16

TEMPERATURE CONTROL SYSTEMS WITH THERMOELECTRIC DEVICES	15240900 20160355067	08/18/16
SYSTEMS AND METHODS FOR CLIMATE CONTROLLED SEATS	15101854 20160304013	06/03/16
CLIMATE CONTROL ASSEMBLY	14937624 20160137110	11/10/15
HEATING AND COOLING SYSTEM FOR CLIMATE CONTROL ASSEMBLIES SUCH AS SEATING ASSEMBLIES	14307211 20140305625	06/17/14
	16283630	
	16057891	
	16226104	
	16226418	
	16255711	
	16330476	
	16383290	
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	62712166	
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	62714291	
	62773961	
	62776155	
	62776157	
	62776162	
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