

<b>PATENT ASSIGNMENT COVER SHEET</b>
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 Stylesheet Version v1.2

EPAS ID: PAT6423407

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
ORION ENERGY PARTNERS INVESTMENT AGENT, LLC	10/15/2020

**RECEIVING PARTY DATA**

<b>Name:</b>	FUELCELL ENERGY, INC.
<b>Street Address:</b>	3 GREAT PASTURE ROAD
<b>City:</b>	DANBURY
<b>State/Country:</b>	CONNECTICUT
<b>Postal Code:</b>	06813

**PROPERTY NUMBERS Total: 158**

Property Type	Number
Patent Number:	6365290
Patent Number:	6372374
Patent Number:	6413665
Patent Number:	6461756
Patent Number:	6492045
Patent Number:	6514636
Patent Number:	6531237
Patent Number:	6645657
Patent Number:	6719946
Patent Number:	6797425
Patent Number:	6884269
Patent Number:	6887611
Patent Number:	6890679
Patent Number:	6896988
Patent Number:	6902840
Patent Number:	6942943
Patent Number:	6964825
Patent Number:	7060219
Patent Number:	7063732
Patent Number:	7070874

PATENT

<b>Property Type</b>	<b>Number</b>
Patent Number:	7201985
Patent Number:	7276304
Patent Number:	7294427
Patent Number:	7320838
Patent Number:	7323270
Patent Number:	7381487
Patent Number:	7381488
Patent Number:	7393605
Patent Number:	7396603
Patent Number:	7431746
Patent Number:	7455923
Patent Number:	7494736
Patent Number:	7524576
Patent Number:	7556472
Patent Number:	7655196
Patent Number:	7678483
Patent Number:	7736777
Patent Number:	7740988
Patent Number:	7754393
Patent Number:	7800340
Patent Number:	7862938
Patent Number:	7871450
Patent Number:	7914946
Patent Number:	7939215
Patent Number:	7939219
Patent Number:	7985512
Patent Number:	8048549
Patent Number:	8053035
Patent Number:	8057955
Patent Number:	8062779
Patent Number:	8062799
Patent Number:	8062804
Patent Number:	8080344
Patent Number:	8088697
Patent Number:	8137741
Patent Number:	8163437
Patent Number:	8202661
Patent Number:	8236458

<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	8367256
<b>Patent Number:</b>	8383283
<b>Patent Number:</b>	8389136
<b>Patent Number:</b>	8435694
<b>Patent Number:</b>	8445147
<b>Patent Number:</b>	8450022
<b>Patent Number:</b>	8541144
<b>Patent Number:</b>	8557468
<b>Patent Number:</b>	8652694
<b>Patent Number:</b>	8697451
<b>Patent Number:</b>	8802332
<b>Patent Number:</b>	8815462
<b>Patent Number:</b>	8822090
<b>Patent Number:</b>	8865356
<b>Patent Number:</b>	8871404
<b>Patent Number:</b>	8911914
<b>Patent Number:</b>	8962210
<b>Patent Number:</b>	8999590
<b>Patent Number:</b>	9005837
<b>Patent Number:</b>	9017433
<b>Patent Number:</b>	9090514
<b>Patent Number:</b>	9190676
<b>Patent Number:</b>	9306225
<b>Patent Number:</b>	9478819
<b>Patent Number:</b>	9502728
<b>Patent Number:</b>	9548510
<b>Patent Number:</b>	9642192
<b>Patent Number:</b>	9812723
<b>Patent Number:</b>	9847543
<b>Patent Number:</b>	10069149
<b>Patent Number:</b>	10109871
<b>Patent Number:</b>	10109874
<b>Patent Number:</b>	10109869
<b>Patent Number:</b>	10170782
<b>Patent Number:</b>	10199665
<b>Patent Number:</b>	10243226
<b>Patent Number:</b>	10312531
<b>Application Number:</b>	14550320

<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15115186
<b>Application Number:</b>	15252338
<b>Application Number:</b>	15343864
<b>Application Number:</b>	15357607
<b>Application Number:</b>	15449583
<b>Application Number:</b>	15455875
<b>Application Number:</b>	15486160
<b>Application Number:</b>	15630805
<b>Application Number:</b>	15710591
<b>Application Number:</b>	15724736
<b>Application Number:</b>	15802219
<b>Application Number:</b>	15815556
<b>Application Number:</b>	15868001
<b>Application Number:</b>	15916029
<b>Application Number:</b>	15980291
<b>Application Number:</b>	15980301
<b>Application Number:</b>	15980305
<b>Application Number:</b>	15980356
<b>Application Number:</b>	15983005
<b>Application Number:</b>	15992954
<b>Application Number:</b>	16007840
<b>Application Number:</b>	16091001
<b>Application Number:</b>	16092723
<b>Application Number:</b>	16094792
<b>Application Number:</b>	16094860
<b>Application Number:</b>	16094999
<b>Application Number:</b>	16095256
<b>Application Number:</b>	16095261
<b>Application Number:</b>	16095281
<b>Application Number:</b>	16095288
<b>Application Number:</b>	16096596
<b>Application Number:</b>	16096835
<b>Application Number:</b>	16097135
<b>Application Number:</b>	16097162
<b>Application Number:</b>	16097165
<b>Application Number:</b>	16116582
<b>Application Number:</b>	16119389
<b>Application Number:</b>	16229285

Property Type	Number
Application Number:	16266699
Application Number:	16306444
Application Number:	16307204
Application Number:	16311482
Application Number:	16329107
Application Number:	16344544
Application Number:	16347902
Application Number:	16474194
Application Number:	16536535
Application Number:	16554957
Application Number:	16564730
Application Number:	16565169
Application Number:	62773408
Application Number:	62773420
Application Number:	62773429
Application Number:	62773438
Application Number:	62773452
Application Number:	62773466
Application Number:	62773477
Application Number:	62773485
Application Number:	62784210
Application Number:	62806995
Application Number:	14207728
Application Number:	15236958

**CORRESPONDENCE DATA**

**Fax Number:**

*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.*

**Email:** newgentk@gtlaw.com  
**Correspondent Name:** GREENBERG TRAUIG, LLP  
**Address Line 1:** 500 CAMPUS DRIVE  
**Address Line 2:** SUITE 400  
**Address Line 4:** FLORHAM PARK, NEW JERSEY 07932-0677

<b>ATTORNEY DOCKET NUMBER:</b>	188756.010200
<b>NAME OF SUBMITTER:</b>	KATIE NEWGENT
<b>SIGNATURE:</b>	/Katie Newgent/
<b>DATE SIGNED:</b>	11/30/2020

**Total Attachments: 11**

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## Release of Security Interest in Patents

This Release of Security Interest in Patents (this “Release”), effective October 15, 2020, is made by ORION ENERGY PARTNERS INVESTMENT AGENT, LLC, in its capacity as Administrative Agent for itself and the other Secured Parties (the “Grantee”) in favor of FUELCELL ENERGY, INC. (the “Grantor”). All capitalized terms used but not defined herein shall have the meanings ascribed to them in the Patent Security Agreement (as defined below).

**WHEREAS**, the Grantor entered into that certain Pledge and Security Agreement, dated October 31, 2019 (as amended, restated, supplemented, modified or otherwise changed from time to time, the “Security Agreement”), in favor of the Grantee;

**WHEREAS**, pursuant to the Security Agreement, the Grantor granted to the Grantee for the benefit of the Secured Parties a continuing security interest in all right, title and interest of the Grantor in, to and under the Patents, including those set forth on Schedule A hereto (the “Collateral”), to secure the payment, performance and observance of the Secured Obligations.

**WHEREAS**, pursuant to that certain Notice of Grant of a Security Interest – Patents, dated as of October 31, 2019 (the “Patent Security Agreement”), the Grantor granted to the Grantee for the benefit of the Secured Parties a continuing security interest in on the Collateral to secure the prompt and complete payment or performance of the Secured Obligations;

**WHEREAS**, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on October 31, 2019 on reel 050899 frame 0262;

**WHEREAS**, the Grantee desires to release, terminate, and discharge fully its security interest in and continuing lien on the Collateral, including the applications and registrations set forth on Schedule A hereto;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Grantee does hereby release, terminate, and discharge fully its security interest in and continuing lien on the Collateral (including those granted under the Patent Security Agreement), including the applications and registrations set forth on Schedule A hereto and reassigns, without recourse, representation or warranty of any kind, to the Grantor all right, title and interest of the Grantee in and to such Collateral, including the applications and registrations set forth on Schedule A hereto.

[Signature Page Follows]

IN WITNESS WHEREOF, the Grantee has caused this Release to be executed by its duly authorized representative as of the date first written above.

ORION ENERGY PARTNERS  
INVESTMENT AGENT, LLC,  
as Administrative Agent

By:   
Name: Mark Friedland  
Title: Chief Legal Officer



## SCHEDULE A – PATENTS

US Patent Number	Grant Date	Title
6365290	4/2/2002	HIGH-EFFICIENCY FUEL CELL SYSTEM
6372374	4/16/2002	BIPOLAR SEPARATOR PLATE WITH IMPROVED WET SEALS
6413665	7/2/2002	FUEL CELL STACK COMPRESSION SYSTEM
6461756	10/8/2002	RETENTION SYSTEM FOR FUEL-CELL STACK MANIFOLDS
6492045	12/10/2002	CORRUGATED CURRENT COLLECTOR FOR DIRECT INTERNAL REFORMING FUEL CELLS
6514636	2/4/2003	ULTRA-SMOOTH DIELECTRIC MEMBERS FOR LIQUID ELECTROLYTE FUEL CELLS
6531237	3/11/2003	MANIFOLD AND SEALING ASSEMBLY FOR FUEL CELL STACK
6645657	11/11/2003	SOL-GEL COATED CATHODE SIDE HARDWARE FOR CARBONATE FUEL CELLS
6719946	4/13/2004	ANODE SUPPORT FOR CARBONATE FUEL CELLS
6797425	9/28/2004	FUEL CELL STACK COMPRESSIVE LOADING SYSTEM
6884269	4/26/2005	CONTINUOUS METHOD AND APPARATUS FOR MANUFACTURE OF UNIFORM SIZE FLAKE OR POWDER
6887611	5/3/2005	FLEXIBLE FUEL CELL GAS MANIFOLD SYSTEM
6890679	5/10/2005	DUAL-POROSITY RIBBED FUEL CELL CATHODE
6896988	5/24/2005	ENHANCED HIGH EFFICIENCY FUEL CELL/TURBINE POWER PLANT
6902840	6/7/2005	FUEL CELL SYSTEM WITH MIXER/EDUCTOR
6942943	9/13/2005	CATALYST AND/OR ELECTROLYTE LOADED PLATE AND METHOD OF MAKING SAME
6964825	11/15/2005	COMPLIANT MANIFOLD GASKET
7060219	6/13/2006	CONTINUOUS METHOD AND APPARATUS FOR MANUFACTURE OF UNIFORM SIZE FLAKE OR POWDER
7063732	6/20/2006	HIGH-CAPACITY SULFUR ADSORBENT BED AND GAS DESULFURIZATION METHOD
7070874	7/4/2006	FUEL CELL END UNIT WITH INTEGRATED HEAT EXCHANGER
7201985	4/10/2007	INACTIVE END CELL ASSEMBLY FOR FUEL CELLS FOR IMPROVED ELECTROLYTE MANAGEMENT AND ELECTRICAL CONTACT
7276304	10/2/2007	FUEL CELL SYSTEM INCLUDING A UNIT FOR ELECTRICAL ISOLATION OF A FUEL CELL STACK FROM A MANIFOLD ASSEMBLY AND METHOD THEREFOR
7294427	11/13/2007	MANIFOLD GASKET ACCOMMODATING DIFFERENTIAL MOVEMENT OF FUEL CELL STACK

US Patent Number	Grant Date	Title
7320838	1/22/2008	ELECTROLYTE CREEPAGE BARRIER FOR LIQUID ELECTROLYTE FUEL CELLS
7323270	1/29/2008	MODULAR FUEL-CELL STACK ASSEMBLY
7381487	6/3/2008	IN-SITU REMOVAL OF ELECTROLYTE FROM GAS OXIDIZER
7381488	6/3/2008	REGENERATIVE OXIDIZER ASSEMBLY FOR USE IN PEM FUEL CELL APPLICATIONS
7393605	7/1/2008	FUEL CELL END UNIT WITH INTEGRATED HEAT EXCHANGER
7396603	7/8/2008	INTEGRATED HIGH EFFICIENCY FOSSIL FUEL POWER PLANT/FUEL CELL SYSTEM WITH CO2 EMISSIONS ABATEMENT
7431746	10/7/2008	HIGH PERFORMANCE INTERNAL REFORMING UNIT FOR HIGH TEMPERATURE FUEL CELLS
7455923	11/25/2008	FUEL SUPPLY ASSEMBLY FOR SUPPLYING PROPANE FUEL TO A FUEL CELL ASSEMBLY AND FUEL CELL SYSTEM EMPLOYING SAME
7494736	2/24/2009	DIELECTRIC FRAME ASSEMBLY AND FUEL CELL MANIFOLD
7524576	4/28/2009	HIGH-LITHIUM ELECTROLYTE FOR USE IN MOLTEN CARBONATE FUEL CELLS AND METHOD FOR MAKING SAME
7556472	7/7/2009	ASSEMBLY FOR AND METHOD OF HOUSING AN OBJECT, SUCH AS FUEL CELL BALANCE OF PLANT EQUIPMENT, FOR TRANSPORT TO AND STORAGE AT A USER LOCATION
7655196	2/2/2010	REFORMING CATALYST AND METHOD AND APPARATUS FOR MAKING AND LOADING SAME
7678483	3/16/2010	CATALYST ASSEMBLY FOR USE IN ANODE GAS OXIDIZING SYSTEMS OF HIGH TEMPERATURE FUEL CELLS
7736777	6/15/2010	CONTROL ASSEMBLY FOR CONTROLLING A FUEL CELL SYSTEM DURING SHUTDOWN AND RESTART
7740988	6/22/2010	FUEL CELL PLATE STRUCTURE HAVING BAFFLES IN WET SEAL AREA
7754393	7/13/2010	MODULAR FUEL-CELL STACK ASSEMBLY
7800340	9/21/2010	FUEL CELL ASSEMBLY USING MULTIPLE FUEL CELL STACKS AND CONTROL METHOD THEREFOR
7862938	1/4/2011	INTEGRATED FUEL CELL AND HEAT ENGINE HYBRID SYSTEM FOR HIGH EFFICIENCY POWER GENERATION
7871450	1/18/2011	PRE-PROCESSING ASSEMBLY FOR PRE-PROCESSING FUEL FEEDSTOCKS FOR USE IN A FUEL CELL SYSTEM

US Patent Number	Grant Date	Title
7914946	3/29/2011	CATHODE SIDE HARDWARE FOR CARBONATE FUEL CELLS
7939215	5/10/2011	FUEL CELL SYSTEM WITH FUEL FLOW CONTROL ASSEMBLY INCLUDING A LOW FLOW BYPASS
7939219	5/10/2011	CARBONATE FUEL CELL AND COMPONENTS THEREOF FOR IN-SITU DELAYED ADDITION OF CARBONATE ELECTROLYTE
7985512	7/26/2011	BIPOLAR SEPARATOR PLATE FOR USE IN A FUEL CELL ASSEMBLY AND FOR PREVENTING POISONING OF REFORMING CATALYST
8048549	11/1/2011	LIQUID METAL HEAT EXCHANGER FOR HIGH TEMPERATURE FUEL CELLS
8053035	11/8/2011	ELECTRODE ASSEMBLY AND METHOD OF MAKING SAME
8057955	11/15/2011	WET-SEAL CAULK FOR CARBONATE FUEL CELL
8062779	11/22/2011	ANODE FOR USE IN A FUEL CELL AND METHOD FOR MAKING SAME
8062799	11/22/2011	HIGH-EFFICIENCY DUAL-STACK MOLTEN CARBONATE FUEL CELL SYSTEM
8062804	11/22/2011	FLOW CONTROL ASSEMBLY FOR USE WITH FUEL CELL SYSTEMS OPERATING ON FUELS WITH VARYING FUEL COMPOSITION
8080344	12/20/2011	FUEL CELL HYBRID POWER GENERATION SYSTEM
8088697	1/3/2012	FIBROUS CERAMIC MATERIAL AND METHOD FOR MAKING THE SAME
8137741	3/20/2012	SYSTEM FOR FABRICATING A FUEL CELL COMPONENT FOR USE WITH OR AS PART OF A FUEL CELL IN A FUEL CELL STACK
8163437	4/24/2012	ANODE WITH CERAMIC ADDITIVES FOR MOLTEN CARBONATE FUEL CELL
8202661	6/19/2012	METHOD AND SYSTEM FOR RECOVERING HIGH POWER OUTPUT OPERATION OF HIGH TEMPERATURE FUEL CELLS BY USING A RAPID LOAD RECOVERY PROCEDURE
8236458	8/7/2012	HIGH-EFFICIENCY DUAL-STACK MOLTEN CARBONATE FUEL CELL SYSTEM
8367256	2/5/2013	WATER RECOVERY ASSEMBLY FOR USE IN HIGH TEMPERATURE FUEL CELL SYSTEMS
8383283	2/26/2013	FUEL CELL WITH ELECTRICAL SHORT CIRCUIT PREVENTION MEANS
8389136	3/5/2013	GAS FLOW CONTROL ASSEMBLY FOR USE WITH FUEL CELL SYSTEMS OPERATING ON FUELS WITH VARYING FUEL COMPOSITION
8435694	5/7/2013	MOLTEN CARBONATE FUEL CELL CATHODE WITH MIXED OXIDE COATING

US Patent Number	Grant Date	Title
8445147	5/21/2013	FUEL HUMIDIFIER ASSEMBLY FOR USE IN HIGH TEMPERATURE FUEL CELL SYSTEMS
8450022	5/28/2013	FUEL CELL HYBRID POWER GENERATION SYSTEM AND METHOD FOR GAS DISTRIBUTION SYSTEMS
8541144	9/24/2013	FUEL CELL SYSTEM MANIFOLD SEAL
8557468	10/15/2013	HIGH PERFORMANCE ELECTROLYTE FOR MOLTEN CARBONATE FUEL CELLS COMPRISING CARBONATE ELECTROLYTE DOPED WITH ADDITIVE MATERIAL(S) AND LITHIUM PRECURSOR(S)
8652694	2/18/2014	WATER RECOVERY ASSEMBLY FOR TRANSFERRING WATER FROM FUEL CELL CATHODE EXHAUST
8697451	4/15/2014	SULFUR BREAKTHROUGH DETECTION ASSEMBLY FOR USE IN A FUEL UTILIZATION SYSTEM AND SULFUR BREAKTHROUGH DETECTION METHOD
8802332	8/12/2014	FUEL CELL CURRENT COLLECTOR WITH LOADING MATERIAL DEPOSITED THEREON AND METHOD OF MAKING SAME
8815462	8/26/2014	FUEL CELL POWER PRODUCTION SYSTEM WITH AN INTEGRATED HYDROGEN UTILIZATION DEVICE
8822090	9/2/2014	INTERNALLY REFORMING FUEL CELL ASSEMBLY WITH STAGED FUEL FLOW AND SELECTIVE CATALYST LOADING FOR IMPROVED TEMPERATURE UNIFORMITY AND EFFICIENCY
8865356	10/21/2014	ELECTRICAL GENERATION SYSTEM AND METHOD FOR A HYBRID FUEL CELL POWER PLANT
8871404	10/28/2014	FUEL CELL SYSTEM MANIFOLD SEAL
8911914	12/16/2014	MANIFOLD ASSEMBLY FOR CONTROLLING GAS FLOW AND FLOW DISTRIBUTION IN A FUEL CELL STACK
8962210	2/24/2015	MODULAR FUEL CELL STACK ASSEMBLY INCLUDING ANODE GAS OXIDIZER AND INTEGRATED EXTERNAL MANIFOLDS FOR USE IN FUEL CELL STACK MODULES
8999590	4/7/2015	ON-LINE MONITORING ASSEMBLY FOR DETECTION OF SULFUR BREAKTHROUGH IN A DESULFURIZER ASSEMBLY AND SULFUR BREAKTHROUGH DETECTION METHOD
9005837	4/14/2015	GASKET FOR FUEL CELL SYSTEM MANIFOLD SEAL
9017433	4/28/2015	PRE-PROCESSING ASSEMBLY FOR PRE-PROCESSING FUEL FEEDSTOCKS FOR USE IN A FUEL CELL SYSTEM

US Patent Number	Grant Date	Title
9090514	7/28/2015	HIGH TEMPERATURE EXPANDABLE REFRACTORY
9190676	11/17/2015	FLAME STABILIZED MIXER-EDUCTOR-OXIDIZER FOR HIGH TEMPERATURE FUEL CELLS
9306225	4/5/2016	BIPOLAR SEPARATOR ASSEMBLY FOR FUEL CELLS AND METHOD OF MAKING SAME
9478819	10/25/2016	HIGH-EFFICIENCY MOLTEN CARBONATE FUEL CELL SYSTEM AND METHOD
9502728	11/22/2016	HIGH-EFFICIENCY MOLTEN CARBONATE FUEL CELL SYSTEM WITH CARBON DIOXIDE CAPTURE ASSEMBLY AND METHOD
9548510	1/17/2017	METHOD OF MAKING FUEL CELL COMPONENT USING ADHESIVE TAPE TO MAINTAIN POSITIONING OF LOADING MATERIAL PARTICLES
9642192	5/2/2017	METHOD AND MANUFACTURING ASSEMBLY FOR SINTERING FUEL CELL ELECTRODES AND IMPREGNATING POROUS ELECTRODES WITH ELECTROLYTE POWDERS BY INDUCTION HEATING FOR MASS PRODUCTION
9812723	11/7/2017	POWER PRODUCING GAS SEPARATION SYSTEM AND METHOD
9847543	12/19/2017	FUEL CELL SYSTEM HAVING BIOGAS DESULFURIZER ASSEMBLY WITH MANGANESE OXIDE DESULFURIZER MATERIAL
10069149	9/4/2018	FUEL CELL ASSEMBLY
10109871	10/23/2018	METHOD OF FORMING A BIPOLAR SEPARATOR ASSEMBLY
10109874	10/23/2018	SHIFT REACTOR FOR DIRECT FUEL CELL HYDROGEN SYSTEM
10109869	10/23/2018	FUEL CELL MATRIX COMPOSITION AND METHOD OF MANUFACTURING SAME
10170782	1/1/2019	HIGH-EFFICIENCY FUEL CELL SYSTEM WITH CARBON DIOXIDE CAPTURE ASSEMBLY AND METHOD
10199665	2/5/2019	FUEL CELL MATRIX COMPOSITION AND METHOD OF MANUFACTURING SAME
10243226	3/26/2019	FUEL CELL SYSTEM RIDE-THROUGH OF ELECTRIC GRID DISTURBANCES
10312531	6/4/2019	FLAME STABILIZED MIXER-EDUCTOR-OXIDIZER FOR HIGH TEMPERATURE FUEL CELLS

US Application Number	Application Date	Title
14/550320	11/21/2014	FUEL CELL SYSTEM WITH WASTE HEAT RECOVERY FOR PRODUCTION OF HIGH PRESSURE STEAM
15/115186	1/30/2015	REFORMER-ELECTROLYZER-PURIFIER (REP) ASSEMBLY FOR HYDROGEN PRODUCTION, SYSTEMS INCORPORATING SAME AND METHOD OF PRODUCING HYDROGEN
15/252338	8/31/2016	HEAT RECOVERY FOR SATURATOR WATER RECOVERY OF A DIRECT FUEL CELL SYSTEM
15/343864	11/4/2016	STABLE ELECTROLYTE MATRIX FOR MOLTEN CARBONATE FUEL CELLS
15/357607	11/21/2016	REINFORCED MATRIX FOR MOLTEN CARBONATE FUEL CELL AND METHOD FOR MANUFACTURING THE SAME
15/449583	3/3/2017	FUEL CELL-FUEL CELL HYBRID SYSTEM FOR ENERGY STORAGE
15/455875	3/10/2017	LOAD-FOLLOWING FUEL CELL SYSTEM WITH ENERGY STORAGE
15/486160	4/12/2017	BINDER FOR ELECTROLYTE MATRIX FOR MOLTEN CARBONATE FUEL CELLS
15/630805	6/22/2017	SYSTEM FOR REBALANCING A PRESSURE DIFFERENTIAL IN AN ANODE EXHAUST SYSTEM OF A FUEL CELL WITH A RELATIONAL WATER SEAL
15/710591	9/20/2017	STEAM GENERATOR FOR FUEL CELL APPLICATIONS
15/724736	10/4/2017	FUEL CELL STACK INLET FLOW CONTROL
15/802219	11/2/2017	POWER PRODUCING GAS SEPARATION SYSTEM AND METHOD
15/815556	11/16/2017	LOAD FOLLOWING POWER GENERATION AND POWER STORAGE USING REP AND PEM TECHNOLOGY
15/868001	1/11/2018	Corrosion Resistant Current Collector for High Temperature Fuel Cell
15/916029	3/8/2018	WET SEAL CAULK WITH ENHANCED CHEMICAL RESISTANCE
15/980291	11/15/2016	FUEL CELL SYSTEM HAVING ENHANCED CO2 CAPTURE
15/980301	11/15/2016	SYSTEM FOR CAPTURING CO2 FROM A FUEL CELL
15/980305	5/15/2018	ENERGY STORAGE USING AN REP WITH AN ENGINE
15/980356	11/16/2016	HYDROGEN AND CARBON MONOXIDE GENERATION USING AN REP WITH PARTIAL OXIDATION
15/983005	5/17/2018	Pressure Balancing of Anode and Cathode in a Fuel Cell System
15/992954	5/30/2018	A SYSTEM FOR FAST DRAINING OF AN AIRFAN HEAT EXCHANGER AND METHODS OF USING THE SAME(F220160058PV)

US Application Number	Application Date	Title
16/007840	6/13/2018	CERAMIC FELT MATERIAL FOR HIGH-TEMPERATURE FUEL CELLS
16/091001	4/19/2017	FLUIDIZED CATALYTIC CRACKING UNIT SYSTEM WITH INTEGRATED REFORMER-ELECTROLYZER-PURIFIER
16/092723	4/10/2017	SUPPORTED NICKEL CATALYSTS USED AS DIRECT INTERNAL REFORMING CATALYST IN MOLTEN CARBONATE FUEL CELLS
16/094792	4/20/2017	CARBON DIOXIDE REMOVAL FROM ANODE EXHAUST OF A FUEL CELL BY COOLING/CONDENSATION
16/094860	4/21/2017	FUEL CELL STACK HOUSING WITH FIELD REPLACEABLE STACKS
16/094999	4/21/2017	IN-SITU MONITORING OF FLUE GAS CONTAMINANTS FOR FUEL CELL SYSTEMS
16/095256	4/20/2017	REDUCED SYSTEM CATHODE FLOW PRESSURE DROP IN HIGH CATHODE FLOW FUEL CELL SYSTEMS AND MANIFOLDS WITH AN ADD-ON STIFFENER TO ALLOW HIGHER PRESSURE CAPABILITY
16/095261	4/20/2017	MOLTEN CARBONATE FUEL CELL ANODE EXHAUST POST-PROCESSING FOR CARBON DIOXIDE CAPTURE
16/095281	4/20/2017	High Efficiency Fuel Cell System with Intermediate CO2 Recovery System
16/095288	4/20/2017	HIGH EFFICIENCY FUEL CELL SYSTEM WITH HYDROGEN AND SYNGAS EXPORT
16/096596	4/26/2017	CARBON DIOXIDE REMOVAL SYSTEM FOR ANODE EXHAUST OF A FUEL CELL
16/096835	4/26/2017	CARBON DIOXIDE SEQUESTRATION USING MOLTEN CARBONATE FUEL CELL AND HYDROGEN SEPARATION TECHNOLOGY
16/097135	4/28/2017	MODULAR ENCLOSURES FOR FUEL CELL STACKS THAT ALLOW FOR INDIVIDUAL INSTALLATION AND REPLACEMENT OF A FUEL CELL STACK IN THE FIELD
16/097162	4/28/2017	CARBON DIOXIDE CAPTURING STEAM METHANE REFORMER
16/097165	4/12/2017	METHANATION OF ANODE EXHAUST GAS TO ENHANCE CARBON DIOXIDE CAPTURE
16/116582	3/1/2017	DIRECT CURRENT (DC) LOAD LEVELERS
16/119389	8/31/2018	LOW PRESSURE CARBON DIOXIDE REMOVAL FROM THE ANODE EXHAUST OF A FUEL CELL
16/229285	12/21/2018	SYSTEM AND METHOD FOR REMOVING WATER AND HYDROGEN FROM ANODE EXHAUST
16/266699	2/4/2019	ULTRA HIGH EFFICIENCY FUEL CELL POWER GENERATION SYSTEM
16/306444	6/1/2017	FUEL CELL RESPONSE TO ELECTRIC GRID FREQUENCY EVENTS

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16/307204	6/2/2017	FUEL CELL LOAD CYCLING TO SUPPORT THE ELECTRIC GRID
16/311482	6/21/2017	HIGH-PERFORMANCE ELECTROLYTE FOR MOLTEN CARBONATE FUEL CELL
16/329107	8/29/2017	SYSTEM AND METHOD FOR INCREASING A CARBON MONOXIDE CONTENT OF SYNGAS PRODUCED BY A STEAM METHANE REFORMER
16/344544	10/24/2017	HEAT EXCHANGER WITH POROUS MATERIAL
16/347902	11/8/2017	TWO-LAYER ANODE FOR MOLTEN CARBONATE FUEL CELLS
16/474194	12/28/2017	EXTERNAL MIXER-EDUCTOR-OXIDIZER AND MODULE CONNECTIONS THEREOF
16/536535	8/9/2019	HEAT RECOVERY FROM AN ELECTROCHEMICAL HYDROGEN SEPARATION SYSTEM
16/554957	8/29/2019	HIGH EFFICIENCY HUMIDITY MANAGEMENT SYSTEM FOR FUEL CELLS AND HIGHER-TEMPERATURE ELECTROCHEMICAL SYSTEMS
16/564730	9/9/2019	EDGE LEVELER WITH OFFSET ROLLERS
16/565169	9/9/2019	TWO-PHASE WATER COOLING IN AN ELECTROCHEMICAL HYDROGEN SEPARATOR
62/773408	11/30/2018	REGENERATION OF MOLTEN CARBONATE FUEL CELLS FOR DEEP CO2 CAPTURE
62/773420	11/30/2018	FLOW FIELD BAFFLE FOR MOLTEN CARBONATE FUEL CELL CATHODE
62/773429	11/30/2018	CATHODE COLLECTOR STRUCTURES FOR MOLTEN CARBONATE FUEL CELL
62/773438	11/30/2018	OPERATION OF MOLTEN CARBONATE FUEL CELLS WITH ENHANCED CO2 UTILIZATION
62/773452	11/30/2018	FUEL CELL STAGING FOR MOLTEN CARBONATE FUEL CELLS
62/773466	11/30/2018	ELEVATED PRESSURE OPERATION OF MOLTEN CARBONATE FUEL CELLS WITH ENHANCED CO2 UTILIZATION



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62/773477	11/30/2018	LAYERED CATHODE FOR MOLTEN CARBONATE FUEL CELL
62/773485	11/30/2018	REFORMING CATALYST PATTERN FOR FUEL CELL OPERATED WITH ENHANCED CO2 UTILIZATION
62/784210	12/21/2018	FUEL CELL WITH PROTECTION FROM PRESSURE IMBALANCE
62/806995	2/18/2019	ENERGY STORAGE FOR COMBUSTION TURBINE USING MOLTEN CARBONATE ELECTROLYZER CELL
14/207728	3/13/2014	Integration of Molten Carbonate Fuel Cells in Cement Processing
15/236958	8/15/2016	INTEGRATED ELECTRICAL POWER AND CHEMICAL PRODUCTION USING FUEL CELLS