

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5329062

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CERAMATEC, INC.	10/25/2018
RECEIVING PARTY DATA		
Name:	COORSTEK, INC.	
Street Address:	14143 DENVER WEST PARKWAY	
Internal Address:	SUITE 400	
City:	GOLDEN	
State/Country:	COLORADO	
Postal Code:	80401	
PROPERTY NUMBERS Total: 2		
	Property Type	Number
	Application Number:	61725385
	Patent Number:	9157689
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Email:	colleen.kline@faegrebd.com	
Correspondent Name:	FAEGRE BAKER DANIELS LLP	
Address Line 1:	2200 WELLS FARGO CENTER	
Address Line 2:	90 S. SEVENTH STREET	
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402	
ATTORNEY DOCKET NUMBER:	432058.000277	
NAME OF SUBMITTER:	COLLEEN KLINE	
SIGNATURE:	/Colleen Kline/	
DATE SIGNED:	01/16/2019	
Total Attachments: 41		
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PATENT ASSIGNMENT AND ACCEPTANCE AGREEMENT

This **PATENT ASSIGNMENT AND ACCEPTANCE AGREEMENT** (this "AGREEMENT") is made by and between **Ceramatec, Inc.**, having a business address at 14143 Denver West Parkway, Suite 400, Golden, Colorado 80401 (hereinafter "**ASSIGNOR**"), and **CoorsTek, Inc.**, having an office at 14143 Denver West Parkway, Suite 400, Golden, Colorado 80401 (hereinafter "**ASSIGNEE**").

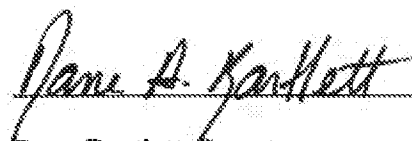
WHEREAS, **ASSIGNOR** owns or owned an interest in the patents and patent applications listed in Appendix A attached hereto (the "**PATENT PROPERTIES**"); and

WHEREAS, **ASSIGNEE** is desirous of acquiring or confirming acquisition of the **ASSIGNOR**'s interest in and to the **PATENT PROPERTIES**.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **ASSIGNOR** has sold, assigned and transferred, and does hereby sell, assign and transfer unto **ASSIGNEE**, its successors and assigns, **ASSIGNOR**'s entire right, title, and interest in and to the **PATENT PROPERTIES**, as well as all priority-related domestic and foreign patents and/or patent applications of the **PATENT PROPERTIES**, and in and to any priority documents to the **PATENT PROPERTIES**, and in and to any provisional, non-provisional, divisional, continuation, and/or continuation-in-part of the **PATENT PROPERTIES**, as well as any direct foreign-filed and/or Patent Cooperation Treaty (PCT) applications and patents issuing therefrom related to any of the **PATENT PROPERTIES**, and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto, including the right to apply for Letters Patent, Invention Registrations, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such **PATENT PROPERTIES** are entitled under international conventions, treaties, or otherwise; and **ASSIGNEE** further assigns all rights, if any, to all remedies, including all income, royalties, damages and payments for any and all past, present and/or future infringements thereof of the **PATENT PROPERTIES**, including all rights and privileges under any Letters Patent which may be granted thereon, together with all rights, if any, throughout the entire world to sue for all past infringements which may have occurred before the execution of this AGREEMENT. **ASSIGNOR** hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to the **ASSIGNEE**, consistent with the terms of this AGREEMENT.

IN WITNESS WHEREOF, said **ASSIGNOR** has, through its duly authorized agent, executed this document by signing below:

Ceramatec, Inc. (ASSIGNOR)

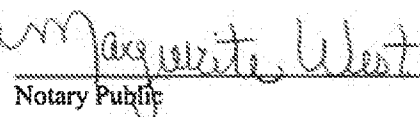

Dane A. Bartlett, Secretary
Ceramatec, Inc.

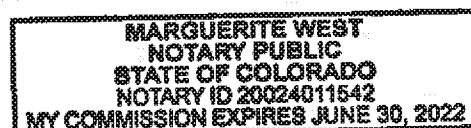
Date: 10/25/2018

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Colorado
COUNTY OF Jefferson : SS.

Subscribed and sworn to before me, a Notary Public, this 25 day of October, 2018.


Notary Public
(SEAL)

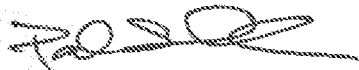


PATENT ASSIGNMENT AND ACCEPTANCE AGREEMENT

ACCEPTANCE OF ASSIGNMENT BY ASSIGNEE

The assignment of the PATENT PROPERTIES under this AGREEMENT is accepted by ASSIGNEE as evidenced by the signature of an authorized representative of ASSIGNEE which appears below:

CoorsTek, Inc. (ASSIGNEE)



Paul Cha, Global IP Counsel
CoorsTek, Inc.

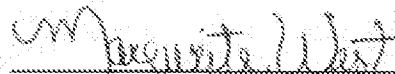
Date:

10/25/18

CERTIFICATE OF ACKNOWLEDGMENT

STATE OF Colorado
COUNTY OF Jefferson : SS.

Subscribed and sworn to before me, a Notary
Public, this 24 day of October, 2018.



Notary Public
(SEAL)

MARGUERITE WEST
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20024011542
MY COMMISSION EXPIRES JUNE 30, 2022

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APPENDIX A TO ASSIGNMENT: PATENT PROPERTIES

Title: ADVANCED FISCHER TROPSCH SYSTEM	
Country	Application/Publication/Grant
Canada	2864532
Europe	13748623/2814910
United States (provisional)	61/600,501
United States	9,011,788
PCT	WO2013/123239

Title: APPARATUS AND METHOD OF ELECTRIC ARC INCINERATION// APPARATUS AND METHOD OF OXIDATION UTILIZING A GLIDING ELECTRIC ARC// METHOD OF OXIDATION UTILIZING A GLIDING ELECTRIC ARC	
Country	Application/Publication/Grant
Europe	07872553/2043806
Japan	5927169
Japan	5437799
United States (provisional)	60/807,363
United States (provisional)	60/891,166
United States	8,618,436
United States	8,826,834
United States	8,742,285
PCT	WO 2008/097263
PCT	WO 2008/008524

Title: BLASTING SYSTEM AND BLASTING METHOD	
Country	Application/Publication/Grant
Canada	2652253
China	10443625
Europe	07741677/2023074
Japan	4667301
Russia	2409804
United States	8,153,855
PCT	WO 2007/132614

Title: CATALYTIC MICROCHANNEL REFORMER	
Country	Application/Publication/Grant
Europe	07867906/2099709
Japan	5222303
United States	8,961,625
United States	9,873,101
PCT	WO2008/079309

APPENDIX A TO ASSIGNMENT: PATENT PROPERTIES

Title: CERAMIC ELECTRODE FOR GLIDING ELECTRIC ARC	
Country	Application/Publication/Grant
Europe	08725923/2116105
Japan	5180236
Japan	5556802
United States (provisional)	60/891,421
United States	8,350,190
PCT	WO 2008/103433

Title: CERAMIC MIXED PROTONIC/ELECTRONIC CONDUCTING MEMBRANES FOR HYDROGEN SEPARATION// PROTON CONDUCTING CERAMIC MEMBRANES FOR HYDROGEN SEPARATION	
Country	Application/Publication/Grant
Europe	12156576/2457635
France	12156576.6
Germany	12156576.6
Netherlands	12156576.6
United Kingdom	12156576.6
Europe	05724632/1730749
Europe	08795088/2176867
Japan	5033620
Japan	5509077
United States	7,258,820
United States	8,012,380
PCT	WO 2009/020626
PCT	WO 2005/086704

Title: COMPACT FT COMBINED WITH MICRO-FIBROUS SUPPORTED NANO-CATALYST	
Country	Application/Publication/Grant
Canada	2864519
Europe	13751194/2817389
United States (provisional)	61/601,103
United States	9,162,935
PCT	WO 2013/126449

Title: COMPACT FISCHER TROPSCH SYSTEM WITH INTEGRATED PRIMARY AND SECONDARY BED TEMPERATURE CONTROL	
Country	Application/Publication/Grant
Canada	2864514
Europe	13751421/2817090
United States (provisional)	61/601,134
United States	9,199,215
PCT	WO 2013/126341

APPENDIX A TO ASSIGNMENT: PATENT PROPERTIES

Title: CONVERSION OF HYDROCARBONS ASSISTED BY GLIDING ELECTRIC ARCS IN THE PRESENCE OF WATER VAPOR AND/OR CARBON DIOXIDE	
Country	Application/Publication/Grant
ARIPO	1038
Australia	735482
Brazil	9803434
Canada	2246878
Denmark	0914292
Europe	98903417/0914292
Eurasia	001114
France	2758317
Indonesia	23946
OAPI	10872
Spain	2210715
United States	5,993,761
PCT	WO 1998/030524

Title: EFFICIENT REVERSIBLE ELECTRODES FOR SOLID OXIDE ELECTROLYZER CELLS	
Country	Application/Publication/Grant
Europe	07810715/2069556
Europe	11840847/2640870
Japan	2009-544843
United States (provisional)	60/820,103
United States	7,976,686
United States	8,354,011
PCT	WO 2008/013783
PCT	WO 2012/068281

APPENDIX A TO ASSIGNMENT: PATENT PROPERTIES

Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
ARIPO	11460
Australia	9126798
Brazil	740520
Canada	2300962
China	1271329
Eurasia	002038
Europe	98943485/1012113
France	2768424
Germany	69829481
Georgia	P20032949
Indonesia	26947
Korea	100428402
Japan	2001514150
New Zealand	502700
Norway	20001013
Ukraine	63966
United States	6,007,742
PCT	WO 1999/11572

Title: ELECTROLYTE FOR SOLID OXIDE FUEL CELLS	
Country	Application/Publication/Grant
Europe	99308247/0996186
Germany	69936031
Japan	3343337
United States	6,224,993

Title: A FIXED BED REACTOR HEAT TRANSFER STRUCTURE	
Country	Application/Publication/Grant
Australia	2013341370
Brazil	112015010642
Canada	2889148
Europe	13852712/2917673
United States (provisional)	61/725,385
United States	9,157,689
PCT	WO 2014/075075

APPENDIX A TO ASSIGNMENT: PATENT PROPERTIES

Title: FUEL CELL COLUMN HEAT EXCHANGER MATED MODULE	
Country	Application/Publication/Grant
United States	5,612,149
PCT	WO 1997/24776

Title: HIGH PURITY HYDROGEN AND ELECTRIC POWER CO-GENERATION APPARATUS AND METHOD	
Country	Application/Publication/Grant
United States (provisional)	60/825,571
United States	8,257,563
PCT	WO 2008/033452

Title: HIGH TEMPERATURE ELECTROLYSIS FOR SYNGAS PRODUCTION	
Country	Application/Publication/Grant
United States	7,951,283
United States	2011/0206566
PCT	WO 2008/016728

Title: HYDROGEN UTILIZATION AND CARBON RECOVERY	
Country	Application/Publication/Grant
Europe	14840946/3039099
United States	US 14/474,843; US2015/0060296
PCT	WO 2015/031889

Title: METHOD FOR FORMING SYNTHESIS GAS USING A PLASMA-CATALYZED FUEL REFORMER	
Country	Application/Publication/Grant
United States	9,017,437

Title: PLASMA-CATALYZED, THERMALLY-INTEGRATED REFORMER FOR FUEL CELL SYSTEMS/PLASMA CATALYZED FUEL REFORMER// METHOD OF PLASMA-CATALYZED, THERMALLY-INTEGRATED REFORMING	
Country	Application/Publication/Grant
Europe	07776838/2016378
United States (provisional)	60/798,863
United States (provisional)	61/087,549
United States	8,728,180
United States	8,460,409
United States	9,240,605
United States	9,819,036
PCT	WO 2007/133511
PCT	WO 2010/017513

APPENDIX A TO ASSIGNMENT: PATENT PROPERTIES

Title: PLASMA-CATALYTIC CONVERSION OF CARBONACEOUS MATTERS	
Country	Application/Publication/Grant
Canada	2612320
Europe	09730721/2326700
France	2872149
United States	7,459,594
United States	US2009/0100752
PCT	WO 2007/002719
PCT	WO 2009/126229

Title: PROCESS FOR CASTING CERAMIC MATERIALS	
Country	Application/Publication/Grant
Australia	2003268246
Europe	03749200/1556205
Japan	2005537212
United States	6,858,174
PCT	WO 2004/022502

Title: PROCESS FOR MAKING CERAMIC INSULATION	
Country	Application/Publication/Grant
Europe	06850526/1948411
Japan	2009512620
United States (provisional)	60/729,128
United States	7,628,951
PCT	WO 2007/117276

Title: PERVIOUS CONCRETE COMPRISING A GEOPOLYMERIZED POZZOLANIC ASH BINDER	
Country	Application/Publication/Grant
United States (provisional)	61/095,542
United States	8,038,789
PCT	WO 2010/030560

Title: SULFUR TOLERANT ANODE FOR SOLID OXIDE FUEL CELL	
Country	Application/Publication/Grant
United States (provisional)	60/975,761
United States	9,666,871
United States	US 15/493,546; US2017/0222245
PCT	WO 2009/042234

APPENDIX A TO ASSIGNMENT: PATENT PROPERTIES

Title: SYSTEMS AND METHODS FOR IGNITION AND REIGNITION OF UNSTABLE ELECTRICAL DISCHARGES	
Country	Application/Publication/Grant
Australia	3048502
Australia	2002230485
Canada	2429533
Europe	01990722/1410699
France	2817444
Japan	2004525482
United States	6,924,608
United States	7,417,385
PCT	WO 2002/43438

Title: SYSTEMS AND METHODS FOR ON-SITE SELECTIVE CATALYTIC REDUCTION	
Country	Application/Publication/Grant
Europe	09708126/2255079
United States	7,708,966
PCT	WO 2009/100152

Title: TOUGHENED SILICON CARBIDE AND METHOD FOR MAKING THE SAME	
Country	Application/Publication/Grant
United States (provisional)	60/787,717
United States	8,003,042
PCT	WO 2007/126784

Title: TREATMENT OF FLY ASH FOR USE IN CONCRETE	
Country	Application/Publication/Grant
Australia	2009316925
Australia	2008275652
Canada	2743005
Canada	2692751
Europe	08780083/2176186
Europe	09828025/2365947
United States	8,172,940
United States	8,349,071
United States	8,177,906
United States	8,357,239
PCT	WO2009/009089
PCT	WO 2010/059465

APPENDIX A TO ASSIGNMENT: PATENT PROPERTIES

Title: TREATMENT OF INCINERATOR OFF GAS	
Country	Application/Publication/Grant
United States (provisional)	61/990,466
United States	US 14/707,645; US2015/0321143
PCT	WO 2015/172043
Title: METHOD FOR JOINING CERAMIC COMPONENTS	
Country	Application/Publication/Grant
United States	8,349,111
PCT	WO 2009/014660

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United States	9,011,788

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Country	Application/Publication/Grant
United States (provisional)	60/807,363
United States (provisional)	60/891,166
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United States	8,826,834
United States	8,742,285

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Country	Application/Publication/Grant
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Country	Application/Publication/Grant
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United States	9,873,101

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United States	8,012,380

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United States	8,354,011

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United States	9,157,689

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United States	2011/0206566

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Country	Application/Publication/Grant
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United States	9,017,437

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United States	8,460,409
United States	9,240,605
United States	9,819,036

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United States	US2009/0100752

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Country	Application/Publication/Grant
United States	6,858,174

Title: PROCESS FOR MAKING CERAMIC INSULATION	
Country	Application/Publication/Grant
United States (provisional)	60/729,128
United States	7,628,951

Title: PERVIOUS CONCRETE COMPRISING A GEOPOLYMERIZED POZZOLANIC ASH BINDER	
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United States	8,038,789

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United States	9,666,871
United States	US 15/493,546; US2017/0222245

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United States	7,417,385

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Country	Application/Publication/Grant
United States (provisional)	60/787,717
United States	8,003,042

Title: TREATMENT OF FLY ASH FOR USE IN CONCRETE	
Country	Application/Publication/Grant
United States	8,172,940
United States	8,349,071
United States	8,177,906
United States	8,357,239

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United States	US 14/707,645; US2015/0321143

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PCT	WO2013/123239

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Country	Application/Publication/Grant
PCT	WO 2008/097263
PCT	WO 2008/008524

Title: BLASTING SYSTEM AND BLASTING METHOD	
Country	Application/Publication/Grant
PCT	WO 2007/132614

Title: CATALYTIC MICROCHANNEL REFORMER	
Country	Application/Publication/Grant
PCT	WO2008/079309

Title: CERAMIC ELECTRODE FOR GLIDING ELECTRIC ARC	
Country	Application/Publication/Grant
PCT	WO 2008/103433

Title: CERAMIC MIXED PROTONIC/ELECTRONIC CONDUCTING MEMBRANES FOR HYDROGEN SEPARATION// PROTON CONDUCTING CERAMIC MEMBRANES FOR HYDROGEN SEPARATION	
Country	Application/Publication/Grant
PCT	WO 2009/020626
PCT	WO 2005/086704

Title: COMPACT FT COMBINED WITH MICRO-FIBROUS SUPPORTED NANO-CATALYST	
Country	Application/Publication/Grant
PCT	WO 2013/126449

Title: COMPACT FISCHER TROPSCH SYSTEM WITH INTEGRATED PRIMARY AND SECONDARY BED TEMPERATURE CONTROL	
Country	Application/Publication/Grant
PCT	WO 2013/126341

Title: CONVERSION OF HYDROCARBONS ASSISTED BY GLIDING ELECTRIC ARCS IN THE PRESENCE OF WATER VAPOR AND/OR CARBON DIOXIDE	
Country	Application/Publication/Grant
PCT	WO 1998/030524

APPENDIX A TO ASSIGNMENT: PATENT PROPERTIES

Title: EFFICIENT REVERSIBLE ELECTRODES FOR SOLID OXIDE ELECTROLYZER CELLS	
Country	Application/Publication/Grant
PCT	WO 2008/013783
PCT	WO 2012/068281

Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
PCT	WO 1999/11572

Title: A FIXED BED REACTOR HEAT TRANSFER STRUCTURE	
Country	Application/Publication/Grant
PCT	WO 2014/075075

Title: FUEL CELL COLUMN HEAT EXCHANGER MATED MODULE	
Country	Application/Publication/Grant
PCT	WO 1997/24776

Title: HIGH PURITY HYDROGEN AND ELECTRIC POWER CO-GENERATION APPARATUS AND METHOD	
Country	Application/Publication/Grant
PCT	WO 2008/033452

Title: HIGH TEMPERATURE ELECTROLYSIS FOR SYNGAS PRODUCTION	
Country	Application/Publication/Grant
PCT	WO 2008/016728

Title: HYDROGEN UTILIZATION AND CARBON RECOVERY	
Country	Application/Publication/Grant
PCT	WO 2015/031889

Title: PLASMA-CATALYZED, THERMALLY-INTEGRATED REFORMER FOR FUEL CELL SYSTEMS/PLASMA CATALYZED FUEL REFORMER// METHOD OF PLASMA-CATALYZED, THERMALLY-INTEGRATED REFORMING	
Country	Application/Publication/Grant
PCT	WO 2007/133511
PCT	WO 2010/017513

Title: PLASMA-CATALYTIC CONVERSION OF CARBONACEOUS MATTERS	
Country	Application/Publication/Grant
PCT	WO 2007/002719
PCT	WO 2009/126229

APPENDIX A TO ASSIGNMENT: PATENT PROPERTIES

Title: PROCESS FOR CASTING CERAMIC MATERIALS	
Country	Application/Publication/Grant
PCT	WO 2004/022502
Title: PROCESS FOR MAKING CERAMIC INSULATION	
Country	Application/Publication/Grant
PCT	WO 2007/117276
Title: PERVIOUS CONCRETE COMPRISING A GEOPOLYMERIZED POZZOLANIC ASH BINDER	
Country	Application/Publication/Grant
PCT	WO 2010/030560
Title: SULFUR TOLERANT ANODE FOR SOLID OXIDE FUEL CELL	
Country	Application/Publication/Grant
PCT	WO 2009/042234
Title: SYSTEMS AND METHODS FOR IGNITION AND REIGNITION OF UNSTABLE ELECTRICAL DISCHARGES	
Country	Application/Publication/Grant
PCT	WO 2002/43438
Title: SYSTEMS AND METHODS FOR ON-SITE SELECTIVE CATALYTIC REDUCTION	
Country	Application/Publication/Grant
PCT	WO 2009/100152
Title: TOUGHENED SILICON CARBIDE AND METHOD FOR MAKING THE SAME	
Country	Application/Publication/Grant
PCT	WO 2007/126784
Title: TREATMENT OF FLY ASH FOR USE IN CONCRETE	
Country	Application/Publication/Grant
PCT	WO2009/009089
PCT	WO 2010/059465
Title: TREATMENT OF INCINERATOR OFF GAS	
Country	Application/Publication/Grant
PCT	WO 2015/172043
Title: METHOD FOR JOINING CERAMIC COMPONENTS	
Country	Application/Publication/Grant
PCT	WO 2009/014660

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Title: ADVANCED FISCHER TROPSCH SYSTEM	
Country	Application/Publication/Grant
Canada	2864532

Title: BLASTING SYSTEM AND BLASTING METHOD	
Country	Application/Publication/Grant
Canada	2652253

Title: COMPACT FT COMBINED WITH MICRO-FIBROUS SUPPORTED NANO-CATALYST	
Country	Application/Publication/Grant
Canada	2864519

Title: COMPACT FISCHER TROPSCH SYSTEM WITH INTEGRATED PRIMARY AND SECONDARY BED TEMPERATURE CONTROL	
Country	Application/Publication/Grant
Canada	2864514

Title: CONVERSION OF HYDROCARBONS ASSISTED BY GLIDING ELECTRIC ARCS IN THE PRESENCE OF WATER VAPOR AND/OR CARBON DIOXIDE	
Country	Application/Publication/Grant
Canada	2246878

Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
Canada	2300962

Title: A FIXED BED REACTOR HEAT TRANSFER STRUCTURE	
Country	Application/Publication/Grant
Canada	2889148

Title: PLASMA-CATALYTIC CONVERSION OF CARBONACEOUS MATTERS	
Country	Application/Publication/Grant
Canada	2612320

Title: SYSTEMS AND METHODS FOR IGNITION AND REIGNITION OF UNSTABLE ELECTRICAL DISCHARGES	
Country	Application/Publication/Grant
Canada	2429533

APPENDIX A TO ASSIGNMENT: PATENT PROPERTIES

Title: TREATMENT OF FLY ASH FOR USE IN CONCRETE	
Country	Application/Publication/Grant
Canada	2743005
Canada	2692751

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Title: APPARATUS AND METHOD OF ELECTRIC ARC INCINERATION// APPARATUS AND METHOD OF OXIDATION UTILIZING A GLIDING ELECTRIC ARC// METHOD OF OXIDATION UTILIZING A GLIDING ELECTRIC ARC	
Country	Application/Publication/Grant
Japan	5927169
Japan	5437799
Title: BLASTING SYSTEM AND BLASTING METHOD	
Country	Application/Publication/Grant
Japan	4667301
Title: CATALYTIC MICROCHANNEL REFORMER	
Country	Application/Publication/Grant
Japan	5222303
Title: CERAMIC ELECTRODE FOR GLIDING ELECTRIC ARC	
Country	Application/Publication/Grant
Japan	5180236
Japan	5556802
Title: CERAMIC MIXED PROTONIC/ELECTRONIC CONDUCTING MEMBRANES FOR HYDROGEN SEPARATION// PROTON CONDUCTING CERAMIC MEMBRANES FOR HYDROGEN SEPARATION	
Country	Application/Publication/Grant
Japan	5033620
Japan	5509077
Title: EFFICIENT REVERSIBLE ELECTRODES FOR SOLID OXIDE ELECTROLYZER CELLS	
Country	Application/Publication/Grant
Japan	2009-544843
Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
Japan	2001514150
Title: ELECTROLYTE FOR SOLID OXIDE FUEL CELLS	
Country	Application/Publication/Grant
Japan	3343337
Title: PROCESS FOR CASTING CERAMIC MATERIALS	
Country	Application/Publication/Grant
Japan	2005537212

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Title: PROCESS FOR MAKING CERAMIC INSULATION	
Country	Application/Publication/Grant
Japan	2009512620

Title: SYSTEMS AND METHODS FOR IGNITION AND REIGNITION OF UNSTABLE ELECTRICAL DISCHARGES	
Country	Application/Publication/Grant
Japan	2004525482

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Title: ADVANCED FISCHER TROPSCH SYSTEM	
Country	Application/Publication/Grant
Europe	13748623/2814910

Title: APPARATUS AND METHOD OF ELECTRIC ARC INCINERATION// APPARATUS AND METHOD OF OXIDATION UTILIZING A GLIDING ELECTRIC ARC// METHOD OF OXIDATION UTILIZING A GLIDING ELECTRIC ARC	
Country	Application/Publication/Grant
Europe	07872553/2043806

Title: BLASTING SYSTEM AND BLASTING METHOD	
Country	Application/Publication/Grant
Europe	07741677/2023074

Title: CATALYTIC MICROCHANNEL REFORMER	
Country	Application/Publication/Grant
Europe	07867906/2099709

Title: CERAMIC ELECTRODE FOR GLIDING ELECTRIC ARC	
Country	Application/Publication/Grant
Europe	08725923/2116105

Title: CERAMIC MIXED PROTONIC/ELECTRONIC CONDUCTING MEMBRANES FOR HYDROGEN SEPARATION// PROTON CONDUCTING CERAMIC MEMBRANES FOR HYDROGEN SEPARATION	
Country	Application/Publication/Grant
Europe	12156576/2457635
Europe	05724632/1730749
Europe	08795088/2176867

Title: COMPACT FT COMBINED WITH MICRO-FIBROUS SUPPORTED NANO-CATALYST	
Country	Application/Publication/Grant
Europe	13751194/2817389

Title: COMPACT FISCHER TROPSCH SYSTEM WITH INTEGRATED PRIMARY AND SECONDARY BED TEMPERATURE CONTROL	
Country	Application/Publication/Grant
Europe	13751421/2817090

Title: CONVERSION OF HYDROCARBONS ASSISTED BY GLIDING ELECTRIC ARCS IN THE PRESENCE OF WATER VAPOR AND/OR CARBON DIOXIDE	
Country	Application/Publication/Grant
Europe	98903417/0914292

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Title: EFFICIENT REVERSIBLE ELECTRODES FOR SOLID OXIDE ELECTROLYZER CELLS	
Country	Application/Publication/Grant
Europe	07810715/2069556
Europe	11840847/2640870
Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
Europe	98943485/1012113
Title: ELECTROLYTE FOR SOLID OXIDE FUEL CELLS	
Country	Application/Publication/Grant
Europe	99308247/0996186
Title: A FIXED BED REACTOR HEAT TRANSFER STRUCTURE	
Country	Application/Publication/Grant
Europe	13852712/2917673
Title: HYDROGEN UTILIZATION AND CARBON RECOVERY	
Country	Application/Publication/Grant
Europe	14840946/3039099
Title: PLASMA-CATALYZED, THERMALLY-INTEGRATED REFORMER FOR FUEL CELL SYSTEMS/PLASMA CATALYZED FUEL REFORMER// METHOD OF PLASMA-CATALYZED, THERMALLY-INTEGRATED REFORMING	
Country	Application/Publication/Grant
Europe	07776838/2016378
Title: PLASMA-CATALYTIC CONVERSION OF CARBONACEOUS MATTERS	
Country	Application/Publication/Grant
Europe	09730721/2326700
Title: PROCESS FOR CASTING CERAMIC MATERIALS	
Country	Application/Publication/Grant
Europe	03749200/1556205
Title: PROCESS FOR MAKING CERAMIC INSULATION	
Country	Application/Publication/Grant
Europe	06850526/1948411
Title: SYSTEMS AND METHODS FOR IGNITION AND REIGNITION OF UNSTABLE ELECTRICAL DISCHARGES	
Country	Application/Publication/Grant
Europe	01990722/1410699

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Title: SYSTEMS AND METHODS FOR ON-SITE SELECTIVE CATALYTIC REDUCTION	
Country	Application/Publication/Grant
Europe	09708126/2255079

Title: TREATMENT OF FLY ASH FOR USE IN CONCRETE	
Country	Application/Publication/Grant
Europe	08780083/2176186
Europe	09828025/2365947

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Title: BLASTING SYSTEM AND BLASTING METHOD	
Country	Application/Publication/Grant
China	10443625

Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
China	1271329

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Title: BLASTING SYSTEM AND BLASTING METHOD	
Country	Application/Publication/Grant
Russia	2409804

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Title: CERAMIC MIXED PROTONIC/ELECTRONIC CONDUCTING MEMBRANES FOR HYDROGEN SEPARATION// PROTON CONDUCTING CERAMIC MEMBRANES FOR HYDROGEN SEPARATION	
Country	Application/Publication/Grant
France	12156576.6

Title: CONVERSION OF HYDROCARBONS ASSISTED BY GLIDING ELECTRIC ARCS IN THE PRESENCE OF WATER VAPOR AND/OR CARBON DIOXIDE	
Country	Application/Publication/Grant
France	2758317

Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
France	2768424

Title: PLASMA-CATALYTIC CONVERSION OF CARBONACEOUS MATTERS	
Country	Application/Publication/Grant
France	2872149

Title: SYSTEMS AND METHODS FOR IGNITION AND REIGNITION OF UNSTABLE ELECTRICAL DISCHARGES	
Country	Application/Publication/Grant
France	2817444

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Title: CERAMIC MIXED PROTONIC/ELECTRONIC CONDUCTING MEMBRANES FOR HYDROGEN SEPARATION// PROTON CONDUCTING CERAMIC MEMBRANES FOR HYDROGEN SEPARATION	
Country	Application/Publication/Grant
Germany	12156576.6

Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
Germany	69829481

Title: ELECTROLYTE FOR SOLID OXIDE FUEL CELLS	
Country	Application/Publication/Grant
Germany	69936031

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Title: CERAMIC MIXED PROTONIC/ELECTRONIC CONDUCTING MEMBRANES FOR HYDROGEN SEPARATION// PROTON CONDUCTING CERAMIC MEMBRANES FOR HYDROGEN SEPARATION	
Country	Application/Publication/Grant
Netherlands	12156576.6

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Title: CERAMIC MIXED PROTONIC/ELECTRONIC CONDUCTING MEMBRANES FOR HYDROGEN SEPARATION// PROTON CONDUCTING CERAMIC MEMBRANES FOR HYDROGEN SEPARATION	
Country	Application/Publication/Grant
United Kingdom	12156576.6

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Title: CONVERSION OF HYDROCARBONS ASSISTED BY GLIDING ELECTRIC ARCS IN THE PRESENCE OF WATER VAPOR AND/OR CARBON DIOXIDE	
Country	Application/Publication/Grant
Australia	735482
Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
Australia	9126798
Title: A FIXED BED REACTOR HEAT TRANSFER STRUCTURE	
Country	Application/Publication/Grant
Australia	2013341370
Title: PROCESS FOR CASTING CERAMIC MATERIALS	
Country	Application/Publication/Grant
Australia	2003268246
Title: SYSTEMS AND METHODS FOR IGNITION AND REIGNITION OF UNSTABLE ELECTRICAL DISCHARGES	
Country	Application/Publication/Grant
Australia	3048502
Australia	2002230485
Title: TREATMENT OF FLY ASH FOR USE IN CONCRETE	
Country	Application/Publication/Grant
Australia	2009316925
Australia	2008275652

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Title: CONVERSION OF HYDROCARBONS ASSISTED BY GLIDING ELECTRIC ARCS IN THE PRESENCE OF WATER VAPOR AND/OR CARBON DIOXIDE	
Country	Application/Publication/Grant
ARIPO	1038

Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
ARIPO	11460

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Title: CONVERSION OF HYDROCARBONS ASSISTED BY GLIDING ELECTRIC ARCS IN THE PRESENCE OF WATER VAPOR AND/OR CARBON DIOXIDE	
Country	Application/Publication/Grant
Brazil	9803434

Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
Brazil	740520

Title: A FIXED BED REACTOR HEAT TRANSFER STRUCTURE	
Country	Application/Publication/Grant
Brazil	112015010642

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Title: CONVERSION OF HYDROCARBONS ASSISTED BY GLIDING ELECTRIC ARCS IN THE PRESENCE OF WATER VAPOR AND/OR CARBON DIOXIDE	
Country	Application/Publication/Grant
Denmark	0914292

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Title: CONVERSION OF HYDROCARBONS ASSISTED BY GLIDING ELECTRIC ARCS IN THE PRESENCE OF WATER VAPOR AND/OR CARBON DIOXIDE	
Country	Application/Publication/Grant
Eurasia	001114

Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
Eurasia	002038

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Title: CONVERSION OF HYDROCARBONS ASSISTED BY GLIDING ELECTRIC ARCS IN THE PRESENCE OF WATER VAPOR AND/OR CARBON DIOXIDE	
Country	Application/Publication/Grant
Indonesia	23946

Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
Indonesia	26947

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Title: CONVERSION OF HYDROCARBONS ASSISTED BY GLIDING ELECTRIC ARCS IN THE PRESENCE OF WATER VAPOR AND/OR CARBON DIOXIDE	
Country	Application/Publication/Grant
OAPI	10872

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Title: CONVERSION OF HYDROCARBONS ASSISTED BY GLIDING ELECTRIC ARCS IN THE PRESENCE OF WATER VAPOR AND/OR CARBON DIOXIDE	
Country	Application/Publication/Grant
Spain	2210715

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Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
New Zealand	502700

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Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
Norway	20001013

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Title: ELECTRICALLY ASSISTED PARTIAL OXIDATION OF LIGHT HYDROCARBONS BY OXYGEN	
Country	Application/Publication/Grant
Ukraine	63966