

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Energy Conversion Devices, Inc.	03/27/2013

RECEIVING PARTY DATA

Name:	Tactical Fuel Cells, Inc.
Street Address:	219 Park Avenue East
City:	Mansfield
State/Country:	OHIO
Postal Code:	44902

PROPERTY NUMBERS Total: 33

Property Type	Number
Patent Number:	6447942
Patent Number:	6492056
Patent Number:	6620539
Patent Number:	6613471
Patent Number:	6828057
Patent Number:	6835489
Patent Number:	6875536
Patent Number:	6703156
Patent Number:	7018740
Patent Number:	6960406
Patent Number:	6989216
Patent Number:	7070878
Patent Number:	7014953
Patent Number:	6991719
Patent Number:	7175751

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Patent Number:	7309535
Patent Number:	6998184
Patent Number:	7435492
Patent Number:	7008706
Patent Number:	6783891
Patent Number:	7033699
Patent Number:	7297435
Patent Number:	7632582
Patent Number:	7491448
Patent Number:	6607707
Patent Number:	6890419
Patent Number:	6994839
Patent Number:	7481992
Patent Number:	7588676
Patent Number:	8168158
Patent Number:	7700071
Patent Number:	7494581
Application Number:	12802069

CORRESPONDENCE DATA

Fax Number: 6178568201
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 617-856-8145
Email: ip@brownrudnick.com
Correspondent Name: Mark S. Leonardo
Address Line 1: One Financial Center
Address Line 2: Brown Rudnick LLP
Address Line 4: Boston, MASSACHUSETTS 02111

NAME OF SUBMITTER:	Mark S. Leonardo
Signature:	/Mark S. Leonardo/
Date:	04/25/2013

Total Attachments: 11
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PATENT ASSIGNMENT

PATENT ASSIGNMENT (“Assignment”), made effective as of the date written below, by Energy Conversion Devices, Inc. (“Assignor”), and Tactical Fuel Cells, Inc. (“Assignee”).

WHEREAS, Assignor and Assignee were Parties to that certain Settlement Agreement and Release dated February __, 2013 (the “Agreement”);

WHEREAS, pursuant to that Agreement, Assignor agreed to sell and Assignee agreed to purchase certain patents including any reissues, reexaminations, divisions, continuations in whole or in part, extensions and foreign counterparts thereof (hereinafter referred to as “Patents”), as set forth in Exhibit A attached hereto.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Assignee, Assignor hereby agrees as follows:

1. Assignment.

(a) Assignor hereby sells, assigns and transfers to Assignee, its successors, assigns and legal representatives, the entire right, title and interest for all countries, in and to any and all of the Patents and any patents which are disclosed and claimed, and any and all of the Patents which are disclosed but not claimed, in any of the Patents, and in and to all United States and foreign patents issuing from any of the applications and all divisional, continuing, substitute, renewal, reissue, and all other patents and applications for United States Letters Patent or other related property rights in any and all foreign countries, which have been or shall be filed on any of the Patents disclosed in any of the Patents, all original and reissued patents or related foreign documents which have been or shall be issued on any such Patents or improvements, and the right to sue and recover for, and the right to profits or damages due or accrued arising out of or in connection with, any and all past, present or future infringements of the Patent rights.

(b) Assignor authorizes and requests the Commissioner of Patents of the United States to issue to the Assignee, its successors, assigns and legal representatives, in accordance with this Agreement, any and all United States Letters Patent on the Patents or any of them disclosed in any of the Patents; and

(c) Assignor authorizes and agrees that the Assignee may apply for and receive foreign Letters Patent or rights of any other kind for the Patents, or any of them; and may claim, in applications for said foreign Letters Patent or other rights, the priority of the Patents under the provisions of the International Convention of 1883 and later modifications thereof, under the Patent Cooperation Treaty, under the European Patent Convention or under any other available international agreement; and that, when requested, at the expense of the Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Agreement, the undersigned or the undersigned's executors or administrators will, for the United States and all foreign countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications or other documents on any and all such Patents; execute all rightful oaths, agreements, powers of attorney and other papers; communicate to the Assignee,

its successors, assigns and representatives, all facts known and documents available to the undersigned relating to said Patents and the history thereof; testify in all legal proceedings, and generally do everything possible which the Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said Patents and for vesting title to said Patents and all applications for patents or related foreign rights and all patents on such Patents, in the Assignee, its successors, assigns and legal representatives.

2. Power of Attorney. Assignor does hereby constitute and appoint Assignee, its successors and assigns, Assignor's true and lawful attorney, with full power of substitution for Assignor, and in its name, place and stead or otherwise, but on behalf of and for the benefit of Assignee, its successors and assigns, to take all actions and execute all documents on behalf of Assignor necessary to effect the assignment set forth herein, and from time to time to institute and prosecute in Assignor's name or otherwise, but at the direction and expense and for the benefit of Assignee and its successors and assigns, any and all proceedings at law, in equity or otherwise, which Assignee, its successors or assigns may deem proper in order to collect, assert or enforce any claim, right or title of any kind in and to the Patents and to defend and compromise any and all actions, suits and proceedings in respect of any of said Patents and to do any and all such acts and things in relation thereto as Assignee, its successors or assigns shall deem advisable, Assignor hereby declaring that the appointment hereby made and the powers hereby granted are coupled with an interest and are and shall be irrevocable by Assignor in any manner or for any reason.

3. Further Assurances. Upon the request of Assignee or in case for any reason the Power of Attorney set forth herein is insufficient to effect the assignment set forth herein or effect any other purpose set forth herein, Assignor agrees for itself and its successors, representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, statements and other lawful documents as Assignee may reasonably request to effectuate fully the assignment contained herein and the purposes set forth herein.

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IN WITNESS WHEREOF, the Assignor has caused this Assignment to be executed as a sealed instrument as of the date below by its officer thereunto duly authorized.

ENERGY CONVERSION DEVICES, INC.

By: 

John Madden, acting not as a private Individual but solely in his capacity as the Liquidation Trustee of the Energy Conversion Devices, Inc. and United Solar Ovonic LLC Liquidation Trust a/k/a the Energy Conversion Devices Liquidation Trust

Date: March 27 2013

EXHIBIT A TO PATENT ASSIGNMENT

FUEL CELL PATENTS AND APPLICATIONS

Case No.	WIPO	Case Type	Status	Application Number	Filing Date	Patent Number	Issue Date	Owner	Title
FC-0101	IN	PCT	GRANTED	IN/PCT/200 2/1424/CHE	13-Mar-01	202826	19-Oct-06	Energy Conversion Devices, Inc.	NOVEL ALKALINE FUEL CELL
FC-0101	TW		GRANTED	90105660	12-Mar-01	178986	11-May-03	Energy Conversion Devices, Inc.	NOVEL ALKALINE FUEL CELL
FC-0101	US		GRANTED	09/524116	13-Mar-00	6447942	10-Sep-02	Energy Conversion Devices, Inc.	NOVEL ALKALINE FUEL CELL
FC-0101.1	US	CIP	GRANTED	09/687717	13-Oct-00	6492056	10-Dec-02	Energy Conversion Devices, Inc.	CATALYTIC HYDROGEN STORAGE COMPOSITE MATERIAL AND FUEL CELL EMPLOYING SAME
FC-0101.2	JP	PCT	GRANTED	2002- 570328	28-Feb-02	4658450	7-Jan-11	Energy Conversion Devices, Inc.	NOVEL FUEL CELL CATHODES AND THEIR FUEL CELLS
FC-0101.2	US	CIP	GRANTED	09/797332	1-Mar-01	6620539	16-Sep-03	Energy Conversion Devices, Inc.	NOVEL FUEL CELL CATHODES AND THEIR FUEL CELLS
FC-0101.4	US		GRANTED	09/999393	31-Oct-01	6613471	2-Sep-03	Energy Conversion Devices, Inc.	ACTIVE MATERIAL FOR FUEL CELL ANODES INCORPORATING AN ADDITIVE FOR PRECHARGING/ACTIVAT ION THEREOF
FC-0101.6	US		GRANTED	10/134756	29-Apr-02	6828057	7-Dec-04	Energy Conversion Devices,	FUEL CELL WITH FRAMED ELECTRODES

Case No.	WIPO	Case Type	Status	Application Number	Filing Date	Patent Number	Issue Date	Owner	Title
FC-0101.9	US		GRANTED	10/219788	15-Aug-02	6835489	28-Dec-04	Energy Conversion Devices, Inc.	DOUBLE LAYER OXYGEN ELECTRODE AND METHOD OF MAKING
FC-0102	US	CIP	GRANTED	10/217353	12-Aug-02	6875536	5-Apr-05	Energy Conversion Devices, Inc.	CATALYTIC HYDROGEN STORAGE COMPOSITE MATERIAL AND FUEL CELL EMPLOYING SAME
FC-0103	US	CIP	GRANTED	10/264760	4-Oct-02	6703156	9-Mar-04	Energy Conversion Devices, Inc.	FUEL CELL CATHODE UTILIZING MULTIPLE REDOX COUPLES
FC-0103.1	US	CON	GRANTED	10/663281	16-Sep-03	7018740	28-Mar-06	Energy Conversion Devices, Inc.	FUEL CELL CATHODE WITH REDOX COUPLE
FC-0105	US		GRANTED	10/273499	18-Oct-02	6960406	1-Nov-05	Energy Conversion Devices, Inc.	ELECTRODE UTILIZING FLUORONATED CARBON
FC-0107	US	CIP	GRANTED	10/284817	31-Oct-02	6989216	24-Jan-06	Energy Conversion Devices, Inc.	FUEL CELL WITH OVER MOLDED ELECTRODE ASSEMBLIES
FC-0108	US	CIP	GRANTED	10/295076	15-Nov-02	7070878	4-Jul-06	Energy Conversion Devices, Inc.	MULTI-LAYERED OXYGEN ELECTRODE WITH PEROXIDE DECOMPOSITION CATALYST
FC-0110	US	CIP	GRANTED	10/277383	22-Oct-02	7014953	21-Mar-06	Energy Conversion Devices, Inc.	REGENERATIVE BIPOLAR FUEL CELL
FC-0115	US		GRANTED	10/436513	13-May-03	6991719	31-Jan-06	Energy Conversion Devices, Inc.	METHOD FOR PRODUCING AND TRANSPORTING HYDROGEN

Case No.	WIPO	Case Type	Status	Application Number	Filing Date	Patent Number	Issue Date	Owner	Title
FC-0116	US		GRANTED	10/427272	1-May-03	7175751	13-Feb-07	Energy Conversion Devices, Inc.	METHOD AND APPARATUS FOR ELECTRO REFINING IMPURE HYDROGEN
FC-0118	US	CIP	GRANTED	10/650863	28-Aug-03	7309535	18-Dec-07	Energy Conversion Devices, Inc.	AIR BREATHING FUEL CELL HAVING BI-CELL UNIT CELLS
FC-0120	US		GRANTED	10/636152	7-Aug-03	6998184	14-Feb-06	Energy Conversion Devices, Inc.	A HYBRID FUEL CELL
FC-0120.1	US	CIP	GRANTED	10/744554	23-Dec-03	7435492	14-Oct-08	Energy Conversion Devices, Inc.	A HYBRID FUEL CELL
FC-0120.2	US	CIP	GRANTED	10/736246	15-Dec-03	7008706	7-Mar-06	Energy Conversion Devices, Inc.	A DRIVE SYSTEM INCORPORATING A HYBRID FUEL CELL
FC-0123	US	CON	GRANTED	10/664016	16-Sep-03	6783891	31-Aug-04	Energy Conversion Devices, Inc.	FUEL CELL CATHODE WITH REDOX COUPLE
FC-0125	US	CIP	GRANTED	10/678719	3-Oct-03	7033699	25-Apr-06	Energy Conversion Devices, Inc.	NOVEL FUEL CELL CATHODES AND THEIR FUEL CELLS
FC-0132	US		GRANTED	11/076595	10-Mar-05	7297435	20-Nov-07	Energy Conversion Devices, Inc.	SOLID OXIDE FUEL CELL
FC-0137	US		GRANTED	11/220930	7-Sep-05	7632582	15-Dec-09	Energy Conversion Devices, Inc.	METHOD AND APPARATUS FOR MAINTAINING HIGH VOLTAGE IN A FUEL CELL
2109	US		GRANTED	11/325981	5-Jan-06	7491448	17-Feb-09	Energy Conversion Devices, Inc.	RETICULATED FOAM-LIKE STRUCTURE FORMED OF NANO-

Case No.	WIPO	Case Type	Status	Application Number	Filing Date	Patent Number	Issue Date	Owner	Title
2109	TW		PENDING	96100262	4-Jan-07			Inc.	SCALE PARTICULATE
FC-0101.1	SG	PCT	PENDING	200205385-8	15-Oct-01			Energy Conversion Devices, Inc.	RETICULATED FOAM-LIKE STRUCTURE FORMED OF NANO-SCALE PARTICULATE
FC-0101.2	MX	PCT	PENDING	PA/A/2003/007829	28-Feb-02			Energy Conversion Devices, Inc.	CATALYTIC HYDROGEN STORAGE COMPOSITE MATERIAL AND FUEL CELL EMPLOYING SAME NOVEL FUEL CELL CATHODES AND THEIR FUEL CELLS

BIO-REFORMATION PATENTS AND APPLICATIONS

Case No.	WIPO	Case Type	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner	Title
OBC-0109	FR	EPC	GRANTED	02757003.5	7-Aug-02	1446354	4-Aug-10	Energy Conversion Devices, Inc.	PRODUCTION OF HYDROGEN FROM HYDROCARBONS AND OXYGENATED HYDROCARBONS
OBC-0109	DE	EPC	GRANTED	02757003.5	7-Aug-02	60237224.0-08	4-Aug-10	Energy Conversion Devices, Inc.	PRODUCTION OF HYDROGEN FROM HYDROCARBONS AND OXYGENATED HYDROCARBONS
OBC-0109	JP	PCT	GRANTED	2003-521144	7-Aug-02	4276067	13-Mar-09	Energy Conversion Devices, Inc.	PRODUCTION OF HYDROGEN FROM HYDROCARBONS

Case No.	WIPO	Case Type	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner	Title
OBC-0109	GB	EPC	GRANTED	02757003.5	7-Aug-02	1446354	4-Aug-10	Energy Conversion Devices, Inc.	AND OXYGENATED HYDROCARBONS PRODUCTION OF HYDROGEN FROM HYDROCARBONS AND OXYGENATED HYDROCARBONS
OBC-0109	US		GRANTED	09/929940	15-Aug-01	6607707	19-Aug-03	Energy Conversion Devices, Inc.	PRODUCTION OF HYDROGEN FROM HYDROCARBONS AND OXYGENATED HYDROCARBONS
OBC-0116	US	CIP	GRANTED	10/321935	17-Dec-02	6890419	10-May-05	Energy Conversion Devices, Inc.	ELECTROLYTIC PRODUCTION OF HYDROGEN
OBC-0128	US	CIP	GRANTED	10/636093	7-Aug-03	6994639	7-Feb-06	Energy Conversion Devices, Inc.	CARBONATE RECYCLING IN A HYDROGEN PRODUCING REACTION
OBC-0131	US	CIP	GRANTED	10/763616	23-Jan-04	7481992	27-Jan-09	Energy Conversion Devices, Inc.	BASE-FACILITATED REFORMATION REACTIONS OF ORGANIC SUBSTANCES
OBC-0140	CN	PCT	GRANTED	200580035051.7	7-Oct-05	200580035051.7	16-May-12	Energy Conversion Devices, Inc.	BASE-FACILITATED PRODUCTION OF HYDROGEN FROM BIOMASS
OBC-0141	US	CIP	GRANTED	10/984202	10-Nov-04	7588676	15-Sep-09	Energy Conversion Devices, Inc.	BASE-FACILITATED PRODUCTION OF

Case No.	WIPO	Case Type	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner	Title
OBC-0141	US	CIP	GRANTED	12/586044	15-Sep-09	8168158	1-May-12	Energy Conversion Devices, Inc.	BASE-FACILITATED PRODUCTION OF HYDROGEN FROM CARBONACEOUS MATTER
OBC-0143	US	CIP	GRANTED	11/079610	14-Mar-05	7700071	20-Apr-10	Energy Conversion Devices, Inc.	PRODUCTION OF HYDROGEN VIA A BASE-FACILITATED REACTION OF CARBON MONOXIDE
OBC-0145	US	CIP	GRANTED	11/232272	21-Sep-05	7494581	24-Feb-09	Energy Conversion Devices, Inc.	PRODUCTION OF HYDROGEN FROM NON-CYCLIC ORGANIC SUBSTANCES HAVING MULTIPLE ALCOHOL FUNCTIONALITY
OBC-0140	IN	PCT	PENDING	1524/CHENP/2007	7-Oct-05			Energy Conversion Devices, Inc.	BASE-FACILITATED PRODUCTION OF HYDROGEN FROM BIOMASS
OBC-0140	KR	PCT	PENDING	2007-7010627	7-Oct-05			Energy Conversion Devices, Inc.	BASE-FACILITATED PRODUCTION OF HYDROGEN FROM BIOMASS
OBC-0141	CN	PCT	PENDING	200580038453.2	4-Nov-05			Energy Conversion Devices, Inc.	BASE-FACILITATED PRODUCTION OF

Case No.	WIPO	Case Type	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner	Title
								Inc.	HYDROGEN FROM CARBONACEOUS MATTER
OBC-0141	IN	PCT	PENDING	1986/CHENP/2007	4-Nov-05			Energy Conversion Devices, Inc.	BASE-FACILITATED PRODUCTION OF HYDROGEN FROM CARBONACEOUS MATTER
OBC-0141	TW		PENDING	94139204	9-Nov-05			Energy Conversion Devices, Inc.	BASE-FACILITATED PRODUCTION OF HYDROGEN FROM CARBONACEOUS MATTER
OBC-0143	TW		PENDING	95108336	13-Mar-06			Energy Conversion Devices, Inc.	PRODUCTION OF HYDROGEN VIA A BASE-FACILITATED REACTION OF CARBON MONOXIDE
OBC-0145	CA	PCT	PENDING	2622858	14-Aug-06			Energy Conversion Devices, Inc.	PRODUCTION OF HYDROGEN FROM NON-CYCLIC ORGANIC SUBSTANCES HAVING MULTIPLE ALCOHOL FUNCTIONALITY
OBC-0145	MX	PCT	PENDING	MX/A/2008/003792	14-Aug-06			Energy Conversion Devices, Inc.	PRODUCTION OF HYDROGEN FROM NON-CYCLIC ORGANIC SUBSTANCES

Case No.	WIPO	Case Type	Status	Application No.	Filing Date	Patent No.	Issue Date	Owner	Title
OBC-0145	TW		PENDING	95134698	20-Sep-06			Energy Conversion Devices, Inc.	HAVING MULTIPLE ALCOHOL FUNCTIONALITY PRODUCTION OF HYDROGEN FROM NON-CYCLIC ORGANIC SUBSTANCES HAVING MULTIPLE ALCOHOL FUNCTIONALITY
OBC-0154	US		PENDING	12/802069	28-May-10			Energy Conversion Devices, Inc.	METHODS FOR RECYCLING CARBONATE BYPRODUCTS IN A HYDROGEN PRODUCING REACTION

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