

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4202451

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
EMERGENT POWER INC.		12/23/2016
RECEIVING PARTY DATA		
Name:	NY GREEN BANK	
Street Address:	1359 BROADWAY, 19TH FLOOR	
City:	NEW YORK	
State/Country:	NEW YORK	
Postal Code:	10018	
PROPERTY NUMBERS Total: 33		
Property Type	Number	
Application Number:	09577407	
Application Number:	09792085	
Application Number:	09854056	
Application Number:	09916791	
Application Number:	10830929	
Application Number:	08979853	
Application Number:	09470321	
Application Number:	09990318	
Application Number:	10014033	
Application Number:	90008681	
Application Number:	09544781	
Application Number:	09987225	
Application Number:	09864526	
Application Number:	10431870	
Application Number:	10056543	
Application Number:	10269600	
Application Number:	10428455	
Application Number:	10430928	
Application Number:	10431069	
Application Number:	10431158	

PATENT

Property Type	Number
Application Number:	10321098
Application Number:	10367985
Application Number:	10425822
Application Number:	11284173
Application Number:	11800994
Application Number:	13210265
Application Number:	13457358
Application Number:	11978124
Application Number:	11207123
Application Number:	13909953
Application Number:	14468228
Application Number:	13478046
Application Number:	11811624

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.

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Email: christopher.jamison@hklaw.com

Correspondent Name: HOLLAND & KNIGHT

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ATTORNEY DOCKET NUMBER:	093307.00011
NAME OF SUBMITTER:	CHRISTOPHER JAMISON
SIGNATURE:	/CRJ/
DATE SIGNED:	12/28/2016

Total Attachments: 6

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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 Intellectual Property Security Agreement dated as of December 23, 2016 (as the same may be amended, modified, restated or supplemented from time to time, the “Agreement” – capitalized terms used but not defined herein have the meanings ascribed therein) by and among the undersigned Obligor and the other obligors party thereto (each an “Obligor” and collectively, the “Obligors”) and NY Green Bank, a division of the New York State Research Energy and Development Authority (the “Lender”), the undersigned Obligor has granted a continuing security interest in, and a right to set off against, any and all right, title and interest of such Obligor in and to the Patents, including the patents and patent applications set forth on Schedule 1 attached hereto, to the Lender, to secure the prompt payment and performance in full when due, whether by lapse of time, acceleration, mandatory prepayment or otherwise, of the Obligors’ obligations due to Lender.

The undersigned Obligor and the Lender hereby acknowledge and agree that the security interest in the patents and patent applications set forth on Schedule 1 attached hereto (i) may only be terminated in accordance with the terms of the Agreement; (ii) is not to be construed as an assignment of any patent or patent application; and (iii) in the event of any conflict between the terms of this agreement and the terms of the Agreement, the terms of the Agreement shall govern. This notice may be executed in counterparts, each of which will be deemed an original, but all of which together constitute one and the same original.

[Signature Page Follows]

Very truly yours,

EMERGENT POWER INC., a Delaware corporation

By: 

Name: Paul Middleton

Title: Treasurer

Address: 968 Albany Shaker Road, Latham, NY 12110

Acknowledged and Accepted:

NY GREEN BANK,

a Division of the New York State Energy
Research and Development Authority

By: _____

Name: Alfred Griffin

Title: President

Address of Lender:

NY GREEN BANK

1359 Broadway, 19th Floor
New York, NY 10018-7842

Attention: Operations & Finance

Telephone: 212-379-6260

Facsimile: 917-410-7353

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Amy McCartin

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Email: amy.mccartin@greenbank.ny.gov

[Emergent] Notice of Grant of Security Interest in Patents

PATENT
REEL: 040780 FRAME: 0906

Very truly yours,

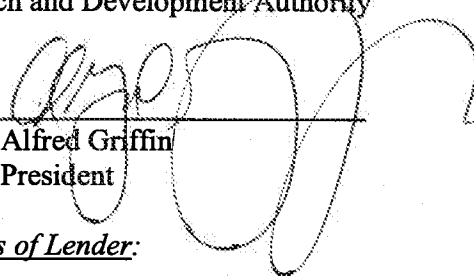
EMERGENT POWER INC., a Delaware corporation

By: _____
Name: Paul Middleton
Title: Treasurer

Address: 968 Albany Shaker Road, Latham, NY 12110

Acknowledged and Accepted:

NY GREEN BANK,
a Division of the New York State Energy
Research and Development Authority

By: 
Name: Alfred Griffin
Title: President

Address of Lender:

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1359 Broadway, 19th Floor
New York, NY 10018-7842

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Email: financeops@greenbank.ny.gov

Amy McCartin
Telephone: 212-379-6259
Email: amy.mccartin@greenbank.ny.gov

Schedule 1

Patents

Title	App. No.	Filing Date	Patent No.	Issued Date	Owner
Ion Exchange Membrane Fuel Cell	09577407	5/17/2000	6468682	10/22/2002	Emergent Power Inc.
Method for Forming A Membrane Electrode Diffusion Assembly For Use In An Ion Exchange Membrane Fuel Cell	09792085	2/23/2001	6383556	5/7/2002	Emergent Power Inc.
Method for Quickly Rendering a MOS Gas Sensor Operational, MOS Gas Sensor System, and Fuel Cell System	09854056	5/11/2001	6467334	10/22/2002	Emergent Power Inc.
Fuel Cell Power System and Method of Controlling a Fuel Cell Power System	09916791	7/26/2001	6743536	6/1/2004	Emergent Power Inc.
Fuel Cell Power System and Method of Controlling a Fuel Cell Power System	10830929	4/22/2004	7326480	2/5/2008	Emergent Power Inc.
Proton Exchange Membrane Fuel Cell Power System	08979853	11/20/1997	6030718	2/29/2000	Emergent Power Inc.
Proton Exchange Membrane Fuel Cell Power System	09470321	12/21/1999	6218035	4/17/2001	Emergent Power Inc.
Fuel Cell Power Systems and Methods of Controlling a Fuel Cell Power System	09990318	11/23/2001	6773839	8/10/2004	Emergent Power Inc.
Fuel Cell and Method for Controlling Same	10014033 90008681	10/19/2001	RE39556	4/10/2007	Emergent Power Inc.
Fuel Cell Power Systems, Direct Current Voltage Converters, Fuel Cell Power Generation Methods, Power Conditioning Methods and Direct Current Power Conditioning Methods	09544781	4/7/2000	6428918	8/6/2002	Emergent Power Inc.
Fuel Cell Power Systems and Methods of Operating Fuel Cell Power Systems	09987225	11/14/2001	6858335	2/22/2005	Emergent Power Inc.
Fuel Cell Power System, Method of Distributing Power, and Method of Operating a Fuel Cell Power System	09864526	5/23/2001	6497974	12/24/2002	Emergent Power Inc.

[Emergent] Notice of Grant of Security Interest in Patents

PATENT
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Title	App. No.	Filing Date	Patent No.	Issued Date	Owner
Fuel Cell Having Metalized Gas Diffusion Layer	10431870	5/7/2003	7056613	6/6/2006	Emergent Power Inc.
Method and Apparatus for Monitoring Equivalent Series Resistance and for Shunting a Fuel Cell	10056543	1/23/2002	6620538	9/16/2003	Emergent Power Inc.
Method and Apparatus for Monitoring Equivalent Series Resistance and for Shunting a Fuel Cell	10269600	10/10/2002	6828050	12/7/2004	Emergent Power Inc.
Method and Apparatus for Monitoring Equivalent Series Resistance and for Shunting a Fuel Cell	10428455	5/2/2003	7049017	5/23/2006	Emergent Power Inc.
Method and Apparatus for Monitoring Equivalent Series Resistance and for Shunting a Fuel Cell	10430928	5/6/2003	6805987	10/19/2004	Emergent Power Inc.
Method and Apparatus for Monitoring Equivalent Series Resistance and for Shunting a Fuel Cell	10431069	5/6/2003	6811906	11/2/2004	Emergent Power Inc.
Method and Apparatus for Monitoring Equivalent Series Resistance and for Shunting a Fuel Cell	10431158	5/6/2003	6982129	1/3/2006	Emergent Power Inc.
Method for Delivering a Gas	10321098	12/16/2002	6745799	6/8/2004	Emergent Power Inc.
Current Collector for Use in a Fuel Cell	10367985	2/14/2003	7056608	6/6/2006	Emergent Power Inc.
Air Cooled Fuel Cell Module	10425822	4/28/2003	6939636	9/6/2005	Emergent Power Inc.
Proton Exchange Membrane Fuel Cell and Method of Forming a Fuel Cell	11284173	11/21/2005	7833645	11/16/2010	Emergent Power Inc.
Proton Exchange Membrane Fuel Cell Stack and Fuel Cell Stack Module	11800994	5/8/2007	8026020	9/27/2011	Emergent Power Inc.
Proton Exchange Membrane Fuel Cell Stack and Fuel Cell Stack Module	13210265	8/15/2011	8192889	6/5/2012	Emergent Power Inc.
Proton Exchange Membrane Fuel Cell Stack and Fuel Cell Stack Module	13457358	4/26/2012	8597846	12/3/2013	Emergent Power Inc.

Title	App. No.	Filing Date	Patent No.	Issued Date	Owner
Direct Liquid Fuel Cell	11978124	10/25/2007	8003274	8/23/2011	Emergent Power Inc.
Apparatus and Method for Controlling a Fuel Cell Using the Rate of Voltage Recovery	11207123	8/17/2005	7722972	5/25/2010	Emergent Power Inc.
Fuel Cell Stacks	13909953	6/4/2013	9012101	4/21/2015	Emergent Power Inc.
Membrane Electrode Assemblies and Associated Fuel Cells	14/468,228	8/25/2014			Emergent Power Inc.
Fuel Cell Stacks	13478046	5/22/2012			Emergent Power Inc.
Proton exchange membrane fuel cell	11811624	6/11/2007	9293778	3/22/2016	Emergent Power Inc.

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RECORDED: 12/28/2016

PATENT
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