

# TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

ETAS ID: TM303706

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

**CONVEYING PARTY DATA**

Name	Formerly	Execution Date	Entity Type
Envia Systems, Inc.		04/29/2014	CORPORATION: DELAWARE

**RECEIVING PARTY DATA**

<b>Name:</b>	Bay Partners XI, L.P.
<b>Street Address:</b>	2180 Sand Hill Road, Suite 345
<b>City:</b>	Menlo Park
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94025
<b>Entity Type:</b>	LIMITED PARTNERSHIP: DELAWARE
<b>Name:</b>	Bay Partners XI Parallel Fund, L.P.
<b>Street Address:</b>	2180 Sand Hill Road, Suite 345
<b>City:</b>	Menlo Park
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94025
<b>Entity Type:</b>	LIMITED PARTNERSHIP: DELAWARE
<b>Name:</b>	Redpoint Ventures III, L.P.
<b>Street Address:</b>	3000 Sand Hill Road
<b>Internal Address:</b>	Building 2, Suite 290
<b>City:</b>	Menlo Park
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94025
<b>Entity Type:</b>	LIMITED PARTNERSHIP: DELAWARE
<b>Name:</b>	Redpoint Associates III, LLC
<b>Street Address:</b>	3000 Sand Hill Road
<b>Internal Address:</b>	Building 2, Suite 290
<b>City:</b>	Menlo Park
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94025
<b>Entity Type:</b>	LIMITED LIABILITY COMPANY: DELAWARE
<b>Name:</b>	Pangaea Ventures Fund II, LP
<b>Street Address:</b>	390 Amwell Road
<b>Internal Address:</b>	Building 3, Suite 308

**TRADEMARK**

<b>City:</b>	Hillsborough
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	08844
<b>Entity Type:</b>	LIMITED PARTNERSHIP: CANADA
<b>Name:</b>	General Motors Ventures LLC
<b>Street Address:</b>	300 Renaissance Center
<b>Internal Address:</b>	Mail Code 482-C37-D99
<b>City:</b>	Detroit
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48265
<b>Entity Type:</b>	LIMITED LIABILITY COMPANY: DELAWARE

**PROPERTY NUMBERS Total: 5**

Property Type	Number	Word Mark
<b>Serial Number:</b>	85102130	ENVIA
<b>Serial Number:</b>	85975784	ENVIA
<b>Serial Number:</b>	85102148	ENVIA
<b>Serial Number:</b>	85102156	HCMR
<b>Serial Number:</b>	85102166	E333

**CORRESPONDENCE DATA**

**Fax Number:** 7147558290  
**Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.**  
**Email:** ipdocket@lw.com  
**Correspondent Name:** Latham & Watkins LLP, c/o Julie Dalke  
**Address Line 1:** 650 Town Center Dr, 20th floor  
**Address Line 2:** (044217-0000)  
**Address Line 4:** Costa Mesa, CALIFORNIA 92626

<b>ATTORNEY DOCKET NUMBER:</b>	(044217-0000)
<b>NAME OF SUBMITTER:</b>	Adam Kummins
<b>SIGNATURE:</b>	/Adam Kummins/
<b>DATE SIGNED:</b>	05/06/2014

**Total Attachments: 27**

source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page1.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page2.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page3.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page4.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page5.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page6.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page7.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page8.tif

source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page9.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page10.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page11.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page12.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page13.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page14.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page15.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page16.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page17.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page18.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page19.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page20.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page21.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page22.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page23.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page24.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page25.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page26.tif  
source=Envia - 2014 Bridge Loan IP Security Agreement (Executed)#page27.tif

**INTELLECTUAL PROPERTY SECURITY AGREEMENT**

This Intellectual Property Security Agreement (this “IP Security Agreement”) is entered into as of April 29, 2014 by and among Envia Systems, Inc., a Delaware corporation (“Debtor”), and each Holder from time to time party to a Note (defined below) that is a signatory from time to time hereto (each a “Secured Party” and collectively, the “Secured Parties”).

**RECITALS**

WHEREAS, the Secured Parties have agreed to make certain advances of money and to extend certain financial accommodations (the “Loans”) to Debtor pursuant that certain Note and Warrant Purchase Agreement, dated as of April 29, 2014 (the “Purchase Agreement”), by and among Debtor and the purchasers named on the Schedule of Purchasers attached thereto and each of the Senior Secured Convertible Promissory Notes issued by Debtor for the benefit of a Holder from time to time party thereto, dated April 29, 2014 (each a “Note” and collectively, the “Notes”) on the condition that, among other things, Debtor shall grant to the Secured Parties a security interest in certain intellectual property to secure the obligations of Debtor; and

WHEREAS, pursuant to the terms of a certain Security Agreement (the “Security Agreement”) made as of the date hereof among Debtor and the Secured Parties, Debtor has granted to the Secured Parties a security interest in all of Debtor’s right, title and interest, whether presently existing or hereafter acquired, in, to and under all of its intellectual property and related rights in accordance with the Security Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its obligations in connection with the Loans, Debtor hereby represents, warrants, covenants and agrees as follows:

**AGREEMENT**

1. Defined Terms. Unless otherwise defined herein, terms defined in the Security Agreement, the Purchase Agreement or the Notes and used in this IP Security Agreement have the meanings give to such terms in the Security Agreement, the Purchase Agreement or the Notes.

2. Grant of Security Interest in Intellectual Property Collateral. To secure its obligations under the Notes, Debtor hereby grants and pledges to the Secured Parties a security interest in all of Debtor’s right, title and interest in, to and under its intellectual property, whether now owned or hereafter acquired or arising, including, without limitation, the following (collectively, the “Intellectual Property Collateral”):

(a) all copyright rights, copyright applications, copyright registrations and like protections in each work of authorship and derivative work, whether published or unpublished, including without limitation, those set forth on Exhibit A attached hereto and incorporated herein by reference;

(b) all patents, patent applications and like protections, including improvements, divisions, continuations, renewals, reissues, extensions, and continuations-in-part of the same, including without limitation, those set forth on Exhibit B attached hereto and incorporated herein by reference;

(c) all trademarks, service marks and, to the extent permitted under applicable law, any applications therefor, whether registered or not, and the goodwill of the business of Debtor connected with and symbolized thereby, know-how, operating manuals, trade secret rights, rights to unpatented inventions, and any claims for damage by way of any past, present, or future infringement of any of the foregoing, including without limitation those set forth on Exhibit C attached hereto;

(d) all of Debtor's books relating to the foregoing, and any and all claims, rights and interests in any of the above;

(e) all substitutions for, additions, attachments, accessories, accessions and improvements to and replacements of the foregoing; and

(f) all products, proceeds and insurance proceeds of any or all of the foregoing.

Notwithstanding the foregoing, the Intellectual Property Collateral does not include any property of Debtor that is prohibited by applicable law to be secured by this IP Security Agreement or the Security Agreement or the granting of a security interest therein constitutes a breach or default under or results in the termination of or requires any consent not obtained under, any contract, license, agreement, instrument or other document evidencing or giving rise to such property; and provided, further, that no United States intent-to-use trademark or service mark application shall be included in the Intellectual Property Collateral to the extent that, and solely during the period in which, the grant of a security interest therein would impair the validity or enforceability of such intent-to-use trademark or service mark application under United States federal law.

3. Applicable Law. This IP Security Agreement and the rights and obligations of the parties hereunder shall be governed by, and shall be construed and enforced in accordance with, the laws of the state of California, excluding those laws that direct the application of the laws of another jurisdiction.

4. Counterparts. This IP Security Agreement may be executed in any number of counterparts and may be delivered by facsimile or other reliable means of electronic delivery, each which when so executed and delivered shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument.

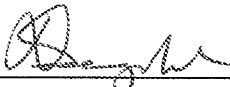
5. Joinder of New Secured Parties. Any Holder that is from time to time issued a convertible note not party to the Notes issued on the date hereof that wishes to be a party to this IP Security Agreement will execute a joinder in the form of Exhibit D hereto ("IP Joinder"). Upon execution of the IP Joinder, such Holder will become a "Secured Party" hereunder with all the rights and obligations granted to a Secured Party hereunder.

[Signature page follows.]

IN WITNESS WHEREOF, the parties have caused this IP Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

**DEBTOR:**

**ENVIA SYSTEMS, INC.**

By:   
Name: Purnesh Seegopaul  
Title: Interim President and Chief Executive Officer

*[Signature Page to Intellectual Property Security Agreement]*


**TRADEMARK**  
**REEL: 005274 FRAME: 0930**

IN WITNESS WHEREOF, the parties have caused this IP Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

**SECURED PARTIES:**


**BAY PARTNERS XI, L.P.**

By: Bay Management Company XI, LLC  
its General Partner

By:   
Name: Stuart G. Phillips  
Title: Manager

**BAY PARTNERS XI PARALLEL FUND, L.P.**

By: Bay Management Company XI, LLC  
its General Partner

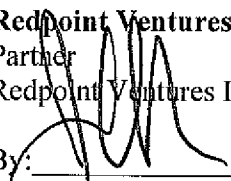
By:   
Name: Stuart G. Phillips  
Title: Manager

*[Signature Page to Intellectual Property Security Agreement]*

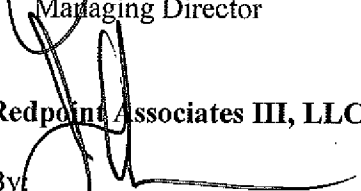
IN WITNESS WHEREOF, the parties have caused this IP Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

**SECURED PARTIES:**

**Redpoint Ventures III, L.P.**, by its General Partner  
Redpoint Ventures III, LLC

By:   
\_\_\_\_\_  
John L. Walecka  
Managing Director

**Redpoint Associates III, LLC**, as nominee

By:   
\_\_\_\_\_  
John L. Walecka  
Managing Director

*[Signature Page to Intellectual Property Security Agreement]*




IN WITNESS WHEREOF, the parties have caused this IP Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

**SECURED PARTIES:**

**PANGAEA VENTURES FUND II, LP**

By: Pangaea Ventures II Ltd.  
its General Partner


By:   
\_\_\_\_\_  
Purnesh Seegopaul, Partner

*[Signature Page to Intellectual Property Security Agreement]*

IN WITNESS WHEREOF, the parties have caused this IP Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above.

**SECURED PARTIES:**

**GENERAL MOTORS VENTURES LLC**

By:   
Name: Jon J. Lauckner  
Title: President

**EXHIBIT A**  
**COPYRIGHTS**

**None.**

**EXHIBIT B**  
**PATENTS**

<u>Matter</u>	<u>Serial Number</u> <u>(Publication Number)</u> <u>Registration Number</u>	<u>Filing Date</u> <u>(Pub. Date)</u> <u>Reg. Date</u>	<u>Inventor</u>
LAYERED LITHIUM METAL OXIDE CATHODE BATTERY MATERIALS WITH HIGH ENERGY DENSITY (Provisional)	60/995,539	09/27/2007	Sujeet Kumar
INTER-METALLIC COMPOSITIONS, NEGATIVE ELECTRODES WITH INTER-METALLIC COMPOSITIONS AND BATTERIES (Provisional)	61/002,619	11/09/2007	Sujeet Kumar
HIGH ENERGY LITHIUM ION SECONDARY BATTERIES (Provisional)	61/124,407	04/16/2008	James P. Buckley et al.
HIGH ENERGY LITHIUM ION SECONDARY BATTERIES (Utility)	12/403, 521 (2009/0263707) 8,187,752	3/13/2009 (10/22/09) 5/29/2012	James P. Buckley et al.
HIGH ENERGY LITHIUM ION SECONDARY BATTERIES (Continuation)	13/479,555 (2012/0263987)	05/24/2012 (10/18/2012)	James P. Buckley et al.
HIGH ENERGY LITHIUM ION SECONDARY BATTERIES	098112375 (201008003)	4/14/2009 (2/16/2010)	James P. Buckley et al.
HIGH ENERGY LITHIUM ION SECONDARY BATTERIES	PCT/US2009/002206 (WO 2009/128879)	4/8/2009 (10/22/2009)	James P. Buckley et al.
HIGH ENERGY LITHIUM ION SECONDARY BATTERIES	200980118046.0	4/8/2009	James P. Buckley et al.
HIGH ENERGY LITHIUM ION SECONDARY BATTERIES	09 733 041.9 (EP 2277230)	4/8/2009 (1/26/2011)	James P. Buckley et al.
HIGH ENERGY LITHIUM ION SECONDARY BATTERIES	510275367 (2011-519126)	4/8/2009 (6/30/2011)	James P. Buckley et al.
HIGH ENERGY LITHIUM ION SECONDARY BATTERIES	10-2010-7025501	4/8/2009	James P. Buckley et al.
LITHIUM ION BATTERIES WITH PARTICULAR NEGATIVE ELECTRODE COMPOSITIONS (Provisional)	61/125,476	04/25/2008	Sujeet Kumar et al.
LITHIUM ION BATTERIES WITH PARTICULAR NEGATIVE ELECTRODE COMPOSITIONS (Utility)	12/429,438 (2009/0305131) 8,277,974	04/24/2009 (12/10/2010) 10-02-2012	Sujeet Kumar et al.
LITHIUM ION BATTERIES WITH PARTICULAR NEGATIVE ELECTRODE COMPOSITIONS (Continuation)	13/612,132 (2013/0004847)	09/12/2012 (1/3/2013)	Sujeet Kumar et al.
LITHIUM ION BATTERIES WITH PARTICULAR NEGATIVE ELECTRODE COMPOSITIONS	PCT/US2009/002532 (WO 2009/128879)	04/24/2009 (10/29/2009)	Sujeet Kumar et al.

<u>Matter</u>	<u>Serial Number</u> ( <u>Publication Number</u> ) <u>Registration Number</u>	<u>Filing Date</u> ( <u>Pub. Date</u> ) <u>Reg. Date</u>	<u>Inventor</u>
POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES HAVING A HIGH SPECIFIC DISCHARGE CAPACITY AND PROCESSES FOR THE SYNTHESIS OF THESE MATERIALS (Utility)	12/246,814 (2010/0086853) 8,389,160	10/07/2008 (04/08/2010) 03/05/2013	Subramanian Venkatachalam et al.
POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES HAVING A HIGH SPECIFIC DISCHARGE CAPACITY AND PROCESSES FOR THE SYNTHESIS OF THESE MATERIALS (Continuation)	13/755,263 (2013/0142944)	01/31/2013 (06/06/2013)	Subramanian Venkatachalam et al.
POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES HAVING A HIGH SPECIFIC DISCHARGE CAPACITY AND PROCESSES FOR THE SYNTHESIS OF THESE MATERIALS	098134024 (201023416)(I384669)	10/07/2009 (6/16/2010)(2 /1/2013)	Subramanian Venkatachalam et al.
POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES HAVING A HIGH SPECIFIC DISCHARGE CAPACITY AND PROCESSES FOR THE SYNTHESIS OF THESE MATERIALS	PCT/US2009/59519	10/5/2009	Subramanian Venkatachalam et al.
POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES HAVING A HIGH SPECIFIC DISCHARGE CAPACITY AND PROCESSES FOR THE SYNTHESIS OF THESE MATERIALS	200980139869.1 (CN 102177605)	10/5/2009 (9/7/2011)	Subramanian Venkatachalam et al.
POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES HAVING A HIGH SPECIFIC DISCHARGE CAPACITY AND PROCESSES FOR THE SYNTHESIS OF THESE MATERIALS	12101737.2 (1161654A)	(7/27/2012)	
POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES HAVING A HIGH SPECIFIC DISCHARGE CAPACITY AND PROCESSES FOR THE SYNTHESIS OF THESE MATERIALS	09819712.2 (EP 2351122A)	10/5/2009 (8/3/2011)	Subramanian Venkatachalam et al.

<u>Matter</u>	<u>Serial Number</u> (Publication Number) <u>Registration Number</u>	<u>Filing Date</u> (Pub. Date) <u>Reg. Date</u>	<u>Inventor</u>
POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES HAVING A HIGH SPECIFIC DISCHARGE CAPACITY AND PROCESSES FOR THE SYNTHESIS OF THESE MATERIALS	2011-531092 (2012-505520)	10/5/2009 (3/1/2012)	Subramanian Venkatachalam et al.
POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES HAVING A HIGH SPECIFIC DISCHARGE CAPACITY AND PROCESSES FOR THE SYNTHESIS OF THESE MATERIALS	10/2011/7009503	10/5/2009	Subramanian Venkatachalam et al.
LAYERED LITHIUM METAL OXIDE CATHODE BATTERY MATERIALS WITH HIGH ENERGY DENSITY (Provisional)	61/101,432	09/30/2008	Sujeet Kumar
FLUORINE DOPED LITHIUM RICH METAL OXIDE POSITIVE ELECTRODE BATTERY MATERIALS WITH HIGH SPECIFIC CAPACITY AND CORRESPONDING BATTERIES (Utility)	12/569,606 (2010/0086854)	09/29/2009 (4/8/2010)	Sujeet Kumar et al.
FLUORINE DOPED LITHIUM RICH METAL OXIDE POSITIVE ELECTRODE BATTERY MATERIALS WITH HIGH SPECIFIC CAPACITY AND CORRESPONDING BATTERIES	PCT/US2009/058840 (WO 2010/039732)	9/29/2009 (4/8/2010)	Sujeet Kumar et al.
FLUORINE DOPED LITHIUM RICH METAL OXIDE POSITIVE ELECTRODE BATTERY MATERIALS WITH HIGH SPECIFIC CAPACITY AND CORRESPONDING BATTERIES	200980138690.4 (CN 102171868)	9/29/2009 (8/31/2011)	Sujeet Kumar et al.
FLUORINE DOPED LITHIUM RICH METAL OXIDE POSITIVE ELECTRODE BATTERY MATERIALS WITH HIGH SPECIFIC CAPACITY AND CORRESPONDING BATTERIES	12101738.1 (1161655A)	(7/27/2012)	
FLUORINE DOPED LITHIUM RICH METAL OXIDE POSITIVE ELECTRODE BATTERY MATERIALS WITH HIGH SPECIFIC CAPACITY AND CORRESPONDING BATTERIES	09818383.3 (EP 2351124A)	9/29/2009 (8/3/2011)	Sujeet Kumar et al.

<u>Matter</u>	<u>Serial Number</u> ( <u>Publication Number</u> ) <u>Registration Number</u>	<u>Filing Date</u> ( <u>Pub. Date</u> ) <u>Reg. Date</u>	<u>Inventor</u>
FLUORINE DOPED LITHIUM RICH METAL OXIDE POSITIVE ELECTRODE BATTERY MATERIALS WITH HIGH SPECIFIC CAPACITY AND CORRESPONDING BATTERIES	2011-530144 (2012-504316)	9/29/2009 (2-16-2012)	Sujeet Kumar et al.
FLUORINE DOPED LITHIUM RICH METAL OXIDE POSITIVE ELECTRODE BATTERY MATERIALS WITH HIGH SPECIFIC CAPACITY AND CORRESPONDING BATTERIES	10-2011-7009129	9/29/2009	Sujeet Kumar et al.
INTER-METALLIC COMPOSITIONS, NEGATIVE ELECTRODES WITH INTER-METALLIC COMPOSITIONS AND BATTERIES (Provisional)	61/113,445	11/11/2008	Sujeet Kumar
COMPOSITE COMPOSITIONS, NEGATIVE ELECTRODES WITH COMPOSITE COMPOSITIONS AND CORRESPONDNG BATTERIES (Utility)	12/502,609 (2010/0119942)	07/14/2009 (05/13/2010)	Sujeet Kumar
POSITIVE ELECTRODE MATERIALS FOR HIGH DISCHARGE CAPACITY LITHIUM ION BATTERIES (Utility)	12/332,735 (2010/0151332) 8,465,873	12/11/08 (6/17/2010) 06/18/2013	Herman Lopez et al.
POSITIVE ELECTRODE MATERIALS FOR HIGH DISCHARGE CAPACITY LITHIUM ION BATTERIES (Continuation)	13/848,316 (2013/0216701)	03/21/2013 (08/22/2013)	Herman Lopez et al.
POSITIVE ELECTRODE MATERIALS FOR HIGH DISCHARGE CAPACITY LITHIUM ION BATTERIES	098142644 (201031044) (1397205)	12/11/2009 (8/16/2010) (5/21/2013)	Herman Lopez et al.
POSITIVE ELECTRODE MATERIALS FOR HIGH DISCHARGE CAPACITY LITHIUM ION BATTERIES	PCT/US2009/066200 (WO 2010/068524A)	12/1/2009 (6/17/2010)	Herman Lopez et al.
POSITIVE ELECTRODE MATERIALS FOR HIGH DISCHARGE CAPACITY LITHIUM ION BATTERIES	200980150179.6 (CN 102246334A)	12/1/2009 (11/16/2011)	Herman Lopez et al.
POSITIVE ELECTRODE MATERIALS FOR HIGH DISCHARGE CAPACITY LITHIUM ION BATTERIES	12104368.2 (CN 2012-511809)	(5/24/2012)	
POSITIVE ELECTRODE MATERIALS FOR HIGH DISCHARGE CAPACITY LITHIUM ION BATTERIES	09832387.6 (EP 2374174A)	12/1/2009 (11/12/2011)	Herman Lopez et al.

<u>Matter</u>	<u>Serial Number</u> ( <u>Publication Number</u> ) <u>Registration Number</u>	<u>Filing Date</u> ( <u>Pub. Date</u> ) <u>Reg. Date</u>	<u>Inventor</u>
POSITIVE ELECTRODE MATERIALS FOR HIGH DISCHARGE CAPACITY LITHIUM ION BATTERIES	2011-540776 (2012-511809)	12/1/2009 (5-24-2012)	Herman Lopez et al.
POSITIVE ELECTRODE MATERIALS FOR HIGH DISCHARGE CAPACITY LITHIUM ION BATTERIES	10-2011-7016074	12/1/2009	Herman Lopez et al.
LITHIUM ION BATTERIES WITH LONG CYCLING PREFORMANCE (Utility)	12/509,131 (2011/0017528)	07/24/09 (01/27/2011)	Sujeet Kumar et al.
LITHIUM ION BATTERIES WITH LONG CYCLING PREFORMANCE	PCT/US2010/042868 (WO 2011/011582)	07/22/2010 (1/27/2011)	Sujeet Kumar et al.
LITHIUM ION BATTERIES WITH LONG CYCLING PREFORMANCE	201080036184.7 (CN 102473957A)	07/22/2010 (5/23/2012)	Sujeet Kumar et al.
LITHIUM ION BATTERIES WITH LONG CYCLING PREFORMANCE	12111933.3 (1171116A)	(3/15/2013)	
LITHIUM ION BATTERIES WITH LONG CYCLING PREFORMANCE	10802887.9 (EP 2457279)	07/22/2010 (5/30/2012)	Sujeet Kumar et al.
LITHIUM ION BATTERIES WITH LONG CYCLING PREFORMANCE	2012-521777 (2013-500554)	07/22/2010 (1/7/2013)	Sujeet Kumar et al.
LITHIUM ION BATTERIES WITH LONG CYCLING PREFORMANCE	10-2012-7003781	07/22/2010	Sujeet Kumar et al.
COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES (Utility)	12/616,226 (2011/0111298)	11/11/2009 (05/12/2011)	Herman A. Lopez et al.
COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES	099138870 (201126798)	11/11/2010 (8/1/2011)	Herman A. Lopez et al.
COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES	PCT/US2010/054119 (WO 2011/059693)	10/26/2010 (5/19/2011)	Herman A. Lopez et al.
COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES	201080051060.6	10-26-2010	Herman A. Lopez et al.
COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES	13100587.5 (1173560A)	(5/16/2013)	
COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES	10830424.7	10-26-2010	Herman A. Lopez et al.
COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES	2012-538837 (2013-511129)	10-26-2010 (3/28/2013)	Herman A. Lopez et al.



<u>Matter</u>	<u>Serial Number</u> (Publication Number) <u>Registration Number</u>	<u>Filing Date</u> (Pub. Date) <u>Reg. Date</u>	<u>Inventor</u>
COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES	10-2012-7015081	10-26-2010	Herman A. Lopez et al.
DOPED POSITIVE ELECTRODE ACTIVE MATERIALS AND LITHIUM ION SECONDARY BATTERY CONSTRUCTED THEREFROM (Utility)	12/753,312 (2011/0244331)	04/02/2010 (10/06/2011)	Deepak K.K. Karthikeyan et al.
DOPED POSITIVE ELECTRODE ACTIVE MATERIALS AND LITHIUM ION SECONDARY BATTERY CONSTRUCTED THEREFROM	100111686 (201145657)	04/01/2011 (12/16/2011)	Deepak K.K. Karthikeyan et al.
DOPED POSITIVE ELECTRODE ACTIVE MATERIALS AND LITHIUM ION SECONDARY BATTERY CONSTRUCTED THEREFROM	PCT/US2011/028951 (WO 2011/123264)	3/18/2011 (10/6/2011)	Deepak K.K. Karthikeyan et al.
DOPED POSITIVE ELECTRODE ACTIVE MATERIALS AND LITHIUM ION SECONDARY BATTERY CONSTRUCTED THEREFROM	201180017421.X (CN 102823034A)	(12/12/2012)	
DOPED POSITIVE ELECTRODE ACTIVE MATERIALS AND LITHIUM ION SECONDARY BATTERY CONSTRUCTED THEREFROM	13106385.5 (1179417A)	(9/27/2013)	
DOPED POSITIVE ELECTRODE ACTIVE MATERIALS AND LITHIUM ION SECONDARY BATTERY CONSTRUCTED THEREFROM	11763220.8 (EP 2553749)	(2/6/2013)	
DOPED POSITIVE ELECTRODE ACTIVE MATERIALS AND LITHIUM ION SECONDARY BATTERY CONSTRUCTED THEREFROM	2013-502624 (2013-524440)	(6/17/2013)	
DOPED POSITIVE ELECTRODE ACTIVE MATERIALS AND LITHIUM ION SECONDARY BATTERY CONSTRUCTED THEREFROM	10-2012-7027609		
LITHIUM ION BATTERY WITH HIGH VOLTAGE ELECTROLYTES AN ADDITIVES (Utility)	12/630,992 (2011/0136019)	12/4/2009 (06/09/2011)	Shabab Amiruddin et al.
LITHIUM ION BATTERY WITH HIGH VOLTAGE ELECTROLYTES AN ADDITIVES	099142217 (20113088)	12/3/2010 (9/1/2011)	Shabab Amiruddin et al.

<u>Matter</u>	<u>Serial Number</u> ( <u>Publication Number</u> ) <u>Registration Number</u>	<u>Filing Date</u> ( <u>Pub. Date</u> ) <u>Reg. Date</u>	<u>Inventor</u>
LITHIUM ION BATTERY WITH HIGH VOLTAGE ELECTROLYTES AND ADDITIVES	PCT/US2010/058182 (WO 2011/068750)	11/29/2010 (6/9/2011)	Shabab Amiruddin et al.
LITHIUM ION BATTERY WITH HIGH VOLTAGE ELECTROLYTES AND ADDITIVES	201080060698.6 (CN 102714334)	11/29/2010 (10/3/2012)	Shabab Amiruddin et al.
LITHIUM ION BATTERY WITH HIGH VOLTAGE ELECTROLYTES AND ADDITIVES	13102184.7 (1175033A)	(6/21/2013)	
LITHIUM ION BATTERY WITH HIGH VOLTAGE ELECTROLYTES AND ADDITIVES	10834979.6 (EP 2507862)	11/29/2010 (10/10/2012)	Shabab Amiruddin et al.
LITHIUM ION BATTERY WITH HIGH VOLTAGE ELECTROLYTES AND ADDITIVES	2012-542113 (2013-513205)	11/29/2010 (4/18/2013)	Shabab Amiruddin et al.
LITHIUM ION BATTERY WITH HIGH VOLTAGE ELECTROLYTES AND ADDITIVES	10-2012-7017308	11/29/2010	Shabab Amiruddin et al.
HIGH VOLTAGE BATTERY FORMATION PROTOCOLS AND CONTROL OF CHARGING AND DISCHARGING FOR DESIRABLE LONG TERM CYCLING PERFORMANCE (Utility)	12/732,520 (2011/0236751)	03/26/2010 (09/29/2011)	Shabab Amiruddin et al.
HIGH VOLTAGE BATTERY FORMATION PROTOCOLS AND CONTROL OF CHARGING AND DISCHARGING FOR DESIRABLE LONG TERM CYCLING PERFORMANCE	100110446 (201145651)	3/25/2011 (12/16/2011)	Shabab Amiruddin et al.
HIGH VOLTAGE BATTERY FORMATION PROTOCOLS AND CONTROL OF CHARGING AND DISCHARGING FOR DESIRABLE LONG TERM CYCLING PERFORMANCE	PCT/US2011/028604 (WO 2011/119386)	3/16/2011 (9/29/2011)	Shabab Amiruddin et al.
HIGH VOLTAGE BATTERY FORMATION PROTOCOLS AND CONTROL OF CHARGING AND DISCHARGING FOR DESIRABLE LONG TERM CYCLING PERFORMANCE	201180020782.X (CN 102859778A)	(1/2/2013)	

<u>Matter</u>	<u>Serial Number</u> ( <u>Publication Number</u> ) <u>Registration Number</u>	<u>Filing Date</u> ( <u>Pub. Date</u> ) <u>Reg. Date</u>	<u>Inventor</u>
HIGH VOLTAGE BATTERY FORMATION PROTOCOLS AND CONTROL OF CHARGING AND DISCHARGING FOR DESIRABLE LONG TERM CYCLING PERFORMANCE	13106390.8 (1179418A)	(9/27/2013)	
HIGH VOLTAGE BATTERY FORMATION PROTOCOLS AND CONTROL OF CHARGING AND DISCHARGING FOR DESIRABLE LONG TERM CYCLING PERFORMANCE	11759922.5 (EP 2553753)	(2/6/2013)	
HIGH VOLTAGE BATTERY FORMATION PROTOCOLS AND CONTROL OF CHARGING AND DISCHARGING FOR DESIRABLE LONG TERM CYCLING PERFORMANCE	2013-501310 (2013-524413)	(6/17/2013)	
HIGH VOLTAGE BATTERY FORMATION PROTOCOLS AND CONTROL OF CHARGING AND DISCHARGING FOR DESIRABLE LONG TERM CYCLING PERFORMANCE	10-2012-7027070		
CATHODE COMPOSITIONS FOR LITHIUM ION BATTERIES (Provisional)	61/237,344	08/27/2009	Subramanian Venkatachalam et al.
LAYER-LAYER LITHIUM RICH COMPLEX METAL OXIDES WITH HIGH SPECIFIC CAPACITY AND EXCELLENT CYCLING (Utility)	12/869,976 (2011/0052981) 8,394,534	08/27/2010 (03/03/2011) 03/12/2013	Herman A. Lopez et al.
LAYER-LAYER LITHIUM RICH COMPLEX METAL OXIDES WITH HIGH SPECIFIC CAPACITY AND EXCELLENT CYCLING (Continuation)	13/765,359 (2013/0216900)	02/12/2013 (08/22/2013)	Herman A. Lopez et al.
LAYER-LAYER LITHIUM RICH COMPLEX METAL OXIDES WITH HIGH SPECIFIC CAPACITY AND EXCELLENT CYCLING	099128959 (201114094)	08/27/2010 (4/16/2011)	Herman A. Lopez et al.
LAYER-LAYER LITHIUM RICH COMPLEX METAL OXIDES WITH HIGH SPECIFIC CAPACITY AND EXCELLENT CYCLING	PCT/US2010/046951	08/27/2010	Herman A. Lopez et al.
LAYER-LAYER LITHIUM RICH COMPLEX METAL OXIDES WITH HIGH SPECIFIC CAPACITY AND EXCELLENT CYCLING	2012-527020 (CN 102484249A)	08/27/2010 (5/30/2012)	Herman A. Lopez et al.

<u>Matter</u>	<u>Serial Number</u> (Publication Number) <u>Registration Number</u>	<u>Filing Date</u> (Pub. Date) <u>Reg. Date</u>	<u>Inventor</u>
LAYER-LAYER LITHIUM RICH COMPLEX METAL OXIDES WITH HIGH SPECIFIC CAPACITY AND EXCELLENT CYCLING	12111864.6 (1171114A)	(3/15/2013)	
LAYER-LAYER LITHIUM RICH COMPLEX METAL OXIDES WITH HIGH SPECIFIC CAPACITY AND EXCELLENT CYCLING	10815889.0 (EP 2471134A)	08/27/2010 (7/4/2012)	Herman A. Lopez et al.
LAYER-LAYER LITHIUM RICH COMPLEX METAL OXIDES WITH HIGH SPECIFIC CAPACITY AND EXCELLENT CYCLING	2012-527020 (2013-503450)	08/27/2010 (1/31/2013)	Herman A. Lopez et al.
LAYER-LAYER LITHIUM RICH COMPLEX METAL OXIDES WITH HIGH SPECIFIC CAPACITY AND EXCELLENT CYCLING	10-2012-7006527	08/27/2010	Herman A. Lopez et al.
LITHIUM ION BATTERIES WITH SUPPLEMENTAL LITHIUM	100140011 (201125371)	11/2/2011 6/16/2012)	Shabab Amiruddin et al.
LITHIUM ION BATTERIES WITH SUPPLEMENTAL LITHIUM (Utility)	12/938,073 (2012/0107680)	11/02/2010 (05/03/2012)	Shabab Amiruddin et al.
LITHIUM ION BATTERIES WITH SUPPLEMENTAL LITHIUM (Divisional)	13/305,981 (2012/0105007)	11/29/2011 (05/03.2012)	Shabab Amiruddin et al.
LITHIUM ION BATTERIES WITH SUPPLEMENTAL LITHIUM	PCT/US2011/ 058012	10/27/2011	Shabab Amiruddin et al.
LITHIUM ION BATTERIES WITH SUPPLEMENTAL LITHIUM	201180052899.6 (CN 103190026A)	(7/3/2013)	
LITHIUM ION BATTERIES WITH SUPPLEMENTAL LITHIUM	11838563.2 (EP 2636091)	(9/11/2013)	
LITHIUM ION BATTERIES WITH SUPPLEMENTAL LITHIUM	2013-537701 (2014-502006)	(1/23/2014)	
LITHIUM ION BATTERIES WITH SUPPLEMENTAL LITHIUM	10-2013-7014147		
METAL OXIDE COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES (Provisional)	61/253,286	10/20/2009	Subramanian Venkatachalam et al.
METAL OXIDE COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES (Utility)	12/870,096 (2011/0076556) 8,535,832	08/27/2010 (03/31/2011) 09-17-2013	Deepak K.K. Karthikeyan et al.

<u>Matter</u>	<u>Serial Number</u> ( <u>Publication Number</u> ) <u>Registration Number</u>	<u>Filing Date</u> ( <u>Pub. Date</u> ) <u>Reg. Date</u>	<u>Inventor</u>
METAL OXIDE COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES`	099128958 (201130186)	08/27/2010 (9/1/2011)	Deepak K.K. Karthikeyan et al.
METAL OXIDE COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES	PCT/US2010/046941	08/27/2010	Deepak K.K. Karthikeyan et al.
METAL OXIDE COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES	2010080037952.0 (CN 102870256A)	08/27/2010 (1/9/2013)	Deepak K.K. Karthikeyan et al.
METAL OXIDE COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES	13106384.6 (1179416A)	(9/27/2013)	
METAL OXIDE COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES	10815887.4 (EP 2471133A)	08/27/2010 (7/4/2012)	Deepak K.K. Karthikeyan et al.
METAL OXIDE COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES	2012-527016 (2013-503449)	08/27/2010 (1/31/2013)	Deepak K.K. Karthikeyan et al.
METAL OXIDE COATED POSITIVE ELECTRODE MATERIALS FOR LITHIUM ION BATTERIES	10-2012-7006189	08/27/2010	Deepak K.K. Karthikeyan et al.
HIGH ENERGY DENSITY LITHIUM BATTERY (Provisional)	61/257,728	11/3/2009	Herman Lopez et al.
HIGH CAPACITY ANODE MATERIALS FOR LITHIUM ION BATTERIES (Utility)	12/938,951 (2011/0111294)	11/3/2010 (05/12/2011)	Herman A. Lopez et al.
HIGH CAPACITY ANODE MATERIALS FOR LITHIUM ION BATTERIES	099137857 (201133983)	11/3/2010 (11/1/2011)	Herman A. Lopez et al.
HIGH CAPACITY ANODE MATERIALS FOR LITHIUM ION BATTERIES	PCT/US2010/055265 (WO 2011/ 056847)	11/3/2010 (05/12/2011)	Herman A. Lopez et al.
HIGH CAPACITY ANODE MATERIALS FOR LITHIUM ION BATTERIES	201080054046.1 (CN 102630355A)	11-3-2010 (8/8/2012)	Herman A. Lopez et al.
HIGH CAPACITY ANODE MATERIALS FOR LITHIUM ION BATTERIES	13100791.6 (1173562A)	(5/16/2013)	
HIGH CAPACITY ANODE MATERIALS FOR LITHIUM ION BATTERIES	10829011.5 (EP 2497144A)	11-3-2010 (9/12/2012)	Herman A. Lopez et al.
HIGH CAPACITY ANODE MATERIALS FOR LITHIUM ION BATTERIES	2012-537962 (2013-510405)	11-3-2010 (3/21/2013)	Herman A. Lopez et al.

<u>Matter</u>	<u>Serial Number</u> (Publication Number) <u>Registration Number</u>	<u>Filing Date</u> (Pub. Date) <u>Reg. Date</u>	<u>Inventor</u>
HIGH CAPACITY ANODE MATERIALS FOR LITHIUM ION BATTERIES	10-2012-7014358	11-3-2010	Herman A. Lopez et al.
METAL HALIDE COATINGS ON LITHIUM ION BATTERY POSITIVE ELECTRODE MATERIALS AND CORRESPONDING BATTERIES	100132891 (201225391)	9/13/2011 (6/16/2012)	Subramanian Venkatachalam et al.
METAL HALIDE COATINGS ON LITHIUM ION BATTERY POSITIVE ELECTRODE MATERIALS AND CORRESPONDING BATTERIES (Utility)	12/888,131 (2012/0070725)	09/22/2010 03/22/2012	Subramanian Venkatachalam et al.
METAL HALIDE COATINGS ON LITHIUM ION BATTERY POSITIVE ELECTRODE MATERIALS AND CORRESPONDING BATTERIES	PCT/US2011/049559	8/29/2011	Subramanian Venkatachalam et al.
METAL HALIDE COATINGS ON LITHIUM ION BATTERY POSITIVE ELECTRODE MATERIALS AND CORRESPONDING BATTERIES	201180045748.8 (CN 103140962A)	(6/5/2013)	
METAL HALIDE COATINGS ON LITHIUM ION BATTERY POSITIVE ELECTRODE MATERIALS AND CORRESPONDING BATTERIES	11827176.6 (EP 2619828)	(7/31/2013)	
METAL HALIDE COATINGS ON LITHIUM ION BATTERY POSITIVE ELECTRODE MATERIALS AND CORRESPONDING BATTERIES	2013-530159		
METAL HALIDE COATINGS ON LITHIUM ION BATTERY POSITIVE ELECTRODE MATERIALS AND CORRESPONDING BATTERIES	10-2013-7010238		
BATTERY PACKS FOR VEHICLES AND HIGH CAPACITY POUCH SECONDARY BATTERIES FOR INCORPORATION INTO COMPACT BATTERY PACKS (Provisional)	61/369,825	8/2/2010	Sujeet Kumar et al.

<u>Matter</u>	<u>Serial Number</u> ( <u>Publication Number</u> ) <u>Registration Number</u>	<u>Filing Date</u> ( <u>Pub. Date</u> ) <u>Reg. Date</u>	<u>Inventor</u>
BATTERY PACKS FOR VEHICLES AND HIGH CAPACITY POUCH SECONDARY BATTERIES FOR INCORPORATION INTO COMPACT BATTERY PACKS (Utility)	13/195,672 (2012/0028105)	08/01/2011 (02/02/2012)	Sujeet Kumar et al.
LITHIUM DOPED CATHODE MATERIALS (UTILITY)	12/870,295 (2011/0052989) 8,475,959	08/27/2010 (03-03-2011) 07/02/2013	Subramanian Venkatachalam et al.
VOLTAGE WINDOWS TO CONTROL MATERIAL STRUCTURE OF LAYERED-LAYERED LITHIUM RICH POSITIVE ELECTRODE ACTIVE COMPOSITIONS	100131826 (201230441)	9/2/2011 (7/16/2012)	Shabab Amiruddin et al.
VOLTAGE WINDOWS TO CONTROL MATERIAL STRUCTURE OF LAYERED-LAYERED LITHIUM RICH POSITIVE ELECTRODE ACTIVE COMPOSITIONS (Provisional)	61/380,004	09/03/2010	Shabab Amiruddin et al.
VERY LONG CYCLING OF LITHIUM ION BATTERIES WITH LITHIUM RICH CATHODE MATERIALS (Utility)	13/213,756 (2012/0056590)	08/19/2011 03/08/2012	Shabab Amiruddin et al.
VOLTAGE WINDOWS TO CONTROL MATERIAL STRUCTURE OF LAYERED-LAYERED LITHIUM RICH POSITIVE ELECTRODE ACTIVE COMPOSITIONS	PCT/US2011/049304 (WO 2012/ 030639)	8/26/2011 (3/8/2012)	Shabab Amiruddin et al.
VOLTAGE WINDOWS TO CONTROL MATERIAL STRUCTURE OF LAYERED-LAYERED LITHIUM RICH POSITIVE ELECTRODE ACTIVE COMPOSITIONS	201180050065.1 (CN 103168383A)	(6/19/2013)	
VOLTAGE WINDOWS TO CONTROL MATERIAL STRUCTURE OF LAYERED-LAYERED LITHIUM RICH POSITIVE ELECTRODE ACTIVE COMPOSITIONS	11822392.4 (EP 2612293)	(7/10/2013)	
VOLTAGE WINDOWS TO CONTROL MATERIAL STRUCTURE OF LAYERED-LAYERED LITHIUM RICH POSITIVE ELECTRODE ACTIVE COMPOSITIONS	2013-527139 (2013-539594)	(10/24/2013)	

<u>Matter</u>	<u>Serial Number</u> (Publication Number) <u>Registration Number</u>	<u>Filing Date</u> (Pub. Date) <u>Reg. Date</u>	<u>Inventor</u>
VOLTAGE WINDOWS TO CONTROL MATERIAL STRUCTURE OF LAYERED-LAYERED LITHIUM RICH POSITIVE ELECTRODE ACTIVE COMPOSITIONS	10-2013-7008541		
SILICON OXIDE BASED HIGH CAPACITY ANODE MATERIALS FOR LITHIUM ION BATTERIES	101117457 (201318729)	5/16/2012 (2/16/2013)	
SILICON OXIDE BASED HIGH CAPACITY ANODE MATERIALS FOR LITHIUM ION BATTERIES (Utility)	13/108,708 (2012/0295155)	05/16/2011 (11/22/2012)	Haixia Deng et al.
SILICON OXIDE BASED HIGH CAPACITY ANODE MATERIALS FOR LITHIUM ION BATTERIES	PCT/US2012/037761 (WO 2012-158608)	5/14/2012 (11/22/2012)	
LOW TEMPERATURE ELECTROLYTE FOR HIGH CAPACITY LITHIUM BASED BATTERIES	101147637 (201332202)	(8/1/2013)	
LOW TEMPERATURE ELECTROLYTE FOR HIGH CAPACITY LITHIUM BASED BATTERIES (Utility)	13/325,367 (2013/0157147)	12/14/2011 (06/20/2013)	Bing Li et al.
LOW TEMPERATURE ELECTROLYTE FOR HIGH CAPACITY LITHIUM BASED BATTERIES	PCT/US2012/069225 (WO 2013/09417)	12/12/2012 (6/20/2013)	
MIXED PHASE LITHIUM METAL OXIDE COMPOSITIONS WITH DESIRABLE BATTERY PERFORMANCE	10210975 (201339098)	2/7/2013 (10/1/2013)	
MIXED PHASE LITHIUM METAL OXIDE COMPOSITIONS WITH DESIRABLE BATTERY PERFORMANCE (Provisional)	61/595,993	02/07/2012	Sharma et al.
MIXED PHASE LITHIUM METAL OXIDE COMPOSITIONS WITH DESIRABLE BATTERY PERFORMANCE (Utility)	13/747,735 (2013/0202953)	01/23/2013 (08/08/2013)	Sharma et al.
MIXED PHASE LITHIUM METAL OXIDE COMPOSITIONS WITH DESIRABLE BATTERY PERFORMANCE	PCT/US2013/024775 (WO2013/119571)	2/5/2013 (8/15/2013)	



<u>Matter</u>	<u>Serial Number</u> (Publication Number) <u>Registration Number</u>	<u>Filing Date</u> (Pub. Date) <u>Reg. Date</u>	<u>Inventor</u>
LITHIUM METAL OXIDES WITH MULTIPLE PHASES AND STABLE HIGH ENERGY ELECTROCHEMICAL CYCLING	101147047 (201332185)	(8/1/2013)	
LITHIUM METAL OXIDES WITH MULTIPLE PHASES AND STABLE HIGH ENERGY ELECTROCHEMICAL CYCLING (Provisional)	61/569,589	12/12/2011	Haixia Deng et al.
LITHIUM METAL OXIDES WITH MULTIPLE PHASES AND STABLE HIGH ENERGY ELECTROCHEMICAL CYCLING (Utility)	13/710,713 (2013/0149609)	12/11/2012 (06-13-2013)	Haixia Deng et al.
LITHIUM METAL OXIDES WITH MULTIPLE PHASES AND STABLE HIGH ENERGY ELECTROCHEMICAL CYCLING	PCT/US2012/068948 (WO 2013/090263)	12/11/2012 (6/20/2013)	
HIGH CAPACITY LITHIUM ION BATTERY FORMATION PROTOCOL AND CORRESPONDING BATTERIES	101130151 (201314995)	(4/1/2013)	
HIGH CAPACITY LITHIUM ION BATTERY FORMATION PROTOCOL AND CORRESPONDING BATTERIES (CIP)	13/588,162 (2013/0043843)	08/17/2012 (02/21/2013)	Shabab Amiruddin et al.
HIGH CAPACITY LITHIUM ION BATTERY FORMATION PROTOCOL AND CORRESPONDING BATTERIES	PCT/US2012/051321 (WO 2013/028508)	8/17/2012 (2/28/2013)	
LITHIUM ION BATTERIES WITH HIGH ENERGY DENSITY, EXCELLENT CYCLING CAPABILITY AND LOW INTERNAL IMPEDANCE	102129556	(8/16/2013)	
LITHIUM ION BATTERIES WITH HIGH ENERGY DENSITY, EXCELLENT CYCLING CAPABILITY AND LOW INTERNAL IMPEDANCE (Utility)	13/588,783	08/17/2012	Shabab Amiruddin et al.
LITHIUM ION BATTERIES WITH HIGH ENERGY DENSITY, EXCELLENT CYCLING CAPABILITY AND LOW INTERNAL IMPEDANCE	PCT/US2013/053015	7/31/2013	
POROUS SILICON BASED ANODE MATERIAL FORMED USING METAL REDUCTION	102101856 (201336156)	1/17/2013 (9/1/2013)	

<u>Matter</u>	<u>Serial Number</u> ( <u>Publication Number</u> ) <u>Registration Number</u>	<u>Filing Date</u> ( <u>Pub. Date</u> ) <u>Reg. Date</u>	<u>Inventor</u>
POROUS SILICON BASED ANODE MATERIAL FORMED USING METAL REDUCTION (Utility)	13/354,096 (2013/0189575)	01/19/2012 (07/25/2013)	Yogesh Kumar Anguchamy et al.
POROUS SILICON BASED ANODE MATERIAL FORMED USING METAL REDUCTION	PCT/US2012/072292	12/31/2012	
BATTERY CELL ENGINEERING AND DESIGN TO REACH HIGH ENERGY (Utility)	13/464,034 (2013/0295439)	05/04/2012 (11/07/2013)	Charan Masarapu et al.
BATTERY DESIGNS WITH HIGH CAPACITY ANODE MATERIALS AND CATHODE MATERIALS	102115966	5/3/2013	
BATTERY DESIGNS WITH HIGH CAPACITY ANODE MATERIALS AND CATHODE MATERIALS	13/777,722	02/26/2013	Charan Masarapu et al.
BATTERY DESIGNS WITH HIGH CAPACITY ANODE MATERIALS AND CATHODE MATERIALS	PCT/US2013/037900	4/24/2013	
SOLUTION-BASED ACTIVE MATERIALS FOR LITHIUM ION BATTERIES AND SYNTHESIS FOR SOLUTION PROCESSING	13/864,212	4/16/2013	Yongbong Han et al.
HIGH CAPACITY CATHODE MATERIAL WITH STABILIZING NANOCOATINGS	13/722,597	12/20/2012	Charles A. Bowling et al.
SILICON-SILICON OXIDE-CARBON COMPOSITES FOR LITHIUM BATTERY ELECTRODES AND METHODS FOR FORMING THE COMPOSITES	13/917,472	06/13/2013	Yogesh Kumar Anguchamy et al.
UNIFORM STABILIZATION NANOCOATINGS FOR LITHIUM RICH COMPLEX METAL OXIDES AND ATOMIC LAYER DEPOSITION FOR FORMING THE COATING	13/859,070	04/09/2013	Bing Li et al.
ELECTROLYTES FOR STABLE CYCLING OF HIGH CAPACITY LITHIUM BASED BATTERIES (Utility)	13/958,197	08/02/2013	Swapnil J. Dalavi et al.
LITHIUM ION BATTERIES WITH HIGH CAPACITY ANODE ACTIVE MATERIAL FOR CONSUMER ELECTRONICS (Provisional)	61/866,721	08/16/2013	Shabab Amiruddin et al.

<u>Matter</u>	<u>Serial Number</u> <u>(Publication Number)</u> <u>Registration Number</u>	<u>Filing Date</u> <u>(Pub. Date)</u> <u>Reg. Date</u>	<u>Inventor</u>
LITHIUM ION BATTERIES USING BLENDING OF DIFFERENT POSITIVE ELECTRODE MATERIALS (Provisional)	61/891,232	10/15/2013	Shabab Amiruddin et al.

**EXHIBIT C**  
**TRADEMARKS**

<u>Matter</u>	<u>Serial Number</u> <u>(Publication Number)</u> <u>Registration Number</u>	<u>Filing Date</u> <u>(Pub. Date)</u> <u>Reg. Date</u>
Mark: ENVIA	85/102,130	8/6/2010
Mark: ENVIA (Divisional)	85/975,784 4,060,188	8/6/2010 11/22/2011
Mark: ENVIA	A0023115 1069420	2/4/2011 2/4/2011
Mark: ENVIA	100003718 01478241	1/21/2011 10-01-2011
Mark: ENVIA (and design)	85/102,148 4,163,077	8/6/2010 06-26-12
Mark: ENVIA (and design)	A0023116 1069321	2/4/2011 2/4/2011
Mark: ENVIA (and design)	100003717 01483436	1/21/2011 11/01/2011
Mark: HCMR	85/102,156  4,187,311	8/6/2010 (03/15/2011) 08/07/2012
Mark: HCMR	A0023117 1071752	2/4/2011 2/4/2011
Mark: HCMR	100003715 01478240	1/21/2011 10-01-2011
Mark: E333	85/102,166	8/6/2010 (04/19/2011)
Mark: E333	A0023118 1072407	2/4/2011 2/4/2011
Mark: E333	100003716	1/21/2011

## EXHIBIT D

### **JOINDER TO INTELLECTUAL PROPERTY SECURITY AGREEMENT**

This JOINDER (“IP Joinder”) to that certain intellectual property security agreement (“IP Security Agreement”) dated as of April 29, 2014, by and among Envia Systems, Inc., a Delaware corporation, and the Secured Parties from time to time party thereto. Capitalized terms used herein but not otherwise defined shall have the meanings set forth in the IP Security Agreement.

WHEREAS, pursuant to Section 5 of the IP Security Agreement, [\_\_\_\_], a [\_\_\_\_] (the “New Secured Party”) as a Holder under a Note has agreed to become a party to the IP Security Agreement and to execute a joinder to the IP Security Agreement;

NOW, THEREFORE, in consideration of the mutual covenants contained in the IP Security Agreement and herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the New Secured Party hereby agrees as follows:

1. Agreement to Be Bound. New Secured Party hereby acknowledges, agrees and confirms that, by its execution of this IP Joinder, it shall (i) join and become a party to the IP Security Agreement and, by virtue thereof, it shall be a “Secured Party” thereunder, (ii) be bound by all terms, conditions, covenants, agreements, representations, warranties and acknowledgments in the IP Security Agreement attributable to a “Secured Party” and (iii) shall perform the obligations and duties of a “Secured Party” thereunder as if it was a signatory to the IP Security Agreement on the original date thereof.

2. Representations and Warranties and Agreements of New Secured Party. New Secured Party hereby represents and warrants that it has all the requisite corporate power and authority to execute, deliver and perform its obligations under this IP Joinder and to consummate the transactions contemplated hereby and that this IP Joinder constitutes a valid and legally binding agreement enforceable against it in accordance with its terms.

3. Governing Law. This IP Joinder and the rights of the parties hereunder shall be construed and interpreted in accordance with the laws of the State of California, without application of the rules regarding conflicts of laws of the State of California or any other state.

[Signature on following page]

IN WITNESS WHEREOF, New Secured Party has executed this IP Joinder as of the date written above.

[New Secured Party]

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_