# 501981891 07/09/2012

### PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Kyle L. Fujdala	04/01/2011
Wayne A. Chomitz	04/01/2011
Zhongliang Zhu	04/01/2011
Matthew C. Kuchta	05/03/2011

### **RECEIVING PARTY DATA**

Name:	Precursor Energetics, Inc.
Street Address:	3221 Scott Blvd
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12848808

## **CORRESPONDENCE DATA**

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Correspondent Name: Richard Eckman

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ATTORNEY DOCKET NUMBER:	PRE150US1
NAME OF SUBMITTER:	Richard R. Eckman

PATENT

REEL: 028515 FRAME: 0383

Total Attachments: 4

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> PATENT REEL: 028515 FRAME: 0384

# **ASSIGNMENT**

We, the undersigned, **Kyle L. Fujdala**, **Wayne A. Chomitz**, **Zhongliang Zhu** and **Matthew C. Kuchta**, for good and valuable consideration, the receipt of which is hereby acknowledged, confirm that we have sold and assigned, and do hereby assign, sell and transfer to **Precursor Energetics**, **Inc.**, with offices at **3221 Scott Blvd.**, **Santa Clara**, **CA 95054**, and to its successors, assigns and legal representatives, collectively hereinafter referred to as the ASSIGNEE: (1) our entire right, title and interest for the United States of America and in all countries, in and to any and all inventions, discoveries and applications which are disclosed in the application for United States Letters Patent entitled:

Serial No.	Docket No.	Title
12/848,808	PRE-150US1	POLYMERIC PRECURSORS FOR CIS AND CIGS PHOTOVOLTAICS

filed with the U.S. Patent and Trademark Office on August 2, 2010, and assigned Application No. 12/848,808, including any subsequently filed utility applications, and including any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof and any substitute applications therefor; (2) the full and complete right to file patent applications in the name of the ASSIGNEE, its designee, or in my/our names as the ASSIGNEE, or its designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right, title and interest in and to any Letters Patent which may issue thereon in the United States or in any country, and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the above inventions, discoveries and applications.

We hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in the United States and throughout the world to the ASSIGNEE of the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

We agree, at any time, upon the request of the ASSIGNEE, to execute and to deliver to the ASSIGNEE any additional applications for patents for said inventions and discoveries, or any part or parts thereof, and any applications for patents of confirmation, registration and importation based on any Letters Patent issuing on said inventions, discoveries, or applications and divisions, continuations, renewals, revivals, reissues, reexaminations and extensions thereof.

PATENT REEL: 028515 FRAME: 0385

First Inventor: Application No.: 12/848,808 Filed:

Kyle L. Fujdala August 2, 2010

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We further agree at any time to execute and to deliver upon request of the ASSIGNEE such additional documents, if any, as are necessary or desirable to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do the necessary to give full effect to and to perfect the rights of the ASSIGNEE under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

We hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

We further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: 04/01/1(				
	Signatu	re of: Ky	le L Fujdala	
IN WITNESS WHEREOF, I,	Jorathan	W.	WOO	, hereby declare
		f Witness		
that I was personally present and o	did see the above nar	ned perso	n duly sign and	d execute the
assignment.		-		,
Jonath Choro	,			
Signature of Witness				
Date: 04/01/2011				

First Inventor: Kyle L. Fujdala Application No.: 12/848,808 Filed: August 2, 2010

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Date: 4	Marge In	
\	Signature of: Wayne A. Chomi	tz
IN WITNESS WHEREOF, I, John		_, hereby declare
that I was personally present and did see the	Name of Witness above named person duly sign and	evecute the
assignment.	above named person dury sign and	execute the
Jonath Chops		
Signature of Witness		
Date: 04/01/2011		
Date: 04/01/2011	2	
	Signature of: Zhongliang Zhu	
IN WITNESS WHEREOF, I, Jonat	than W. Woo Name of Witness	_, hereby declare
that I was personally present and did see the		execute the
assignment.		
Signature of Witness		
Date: 04/01/2011	•	

First Inventor: Kyle L. Fujdala
Application No.: 12/848,808
Filed: August 2, 2010

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