

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3796281

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	DURATEK, INC.	03/21/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ENERGYSOLUTIONS, LLC	
<b>Street Address:</b>	299 SOUTH STATE STREET	
<b>Internal Address:</b>	SUITE 1700	
<b>City:</b>	SALT LAKE CITY	
<b>State/Country:</b>	UTAH	
<b>Postal Code:</b>	84111	
<b>PROPERTY NUMBERS Total: 2</b>		
	<b>Property Type</b>	<b>Number</b>
	<b>Patent Number:</b>	D538611
	<b>Patent Number:</b>	5851246
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(212)751-4864	
<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>		
<b>Phone:</b>	212-906-1200	
<b>Email:</b>	angela.amaru@lw.com	
<b>Correspondent Name:</b>	LATHAM & WATKINS LLP C/O ANGELA M. AMARU	
<b>Address Line 1:</b>	885 THIRD AVENUE	
<b>Address Line 2:</b>	SUITE 1000	
<b>Address Line 4:</b>	NEW YORK, NEW YORK 10022	
<b>ATTORNEY DOCKET NUMBER:</b>	053173-0008	
<b>NAME OF SUBMITTER:</b>	ANGELA M. AMARU	
<b>SIGNATURE:</b>	/S/ Angela M. Amaru	
<b>DATE SIGNED:</b>	03/23/2016	
<b>Total Attachments: 3</b>		
source=Rooney - Patent Assignment 4 - Duratek Inc. to ES LLC Executed(7603423_1_NY)#page1.tif		
source=Rooney - Patent Assignment 4 - Duratek Inc. to ES LLC Executed(7603423_1_NY)#page2.tif		
source=Rooney - Patent Assignment 4 - Duratek Inc. to ES LLC Executed(7603423_1_NY)#page3.tif		

## PATENT ASSIGNMENT

This PATENT ASSIGNMENT (this "Patent Assignment") is made by Duratek, Inc., a Delaware corporation ("Assignor") to EnergySolutions, LLC, a Utah limited liability company ("Assignee").

**WHEREAS**, Assignor has agreed to sell, and Assignee has agreed to purchase the patents and patent applications listed in Exhibit A attached hereto (collectively, the "Assigned Patents");

**WHEREAS**, Assignee wishes to acquire, and Assignor wishes to transfer all of the right, title and interest in and to the Assigned Patents; and


**WHEREAS**, Assignee and Assignor are desirous of executing a document suitable for recordation with applicable governmental authorities, including the United States Patent and Trademark Office.

**NOW THEREFORE**, in consideration of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns, transfers, conveys and delivers to Assignee, its successors and assigns all of Assignor's right, title and interest in, to and under the Assigned Patents including, but not limited to, all benefits, privileges, causes of action, and remedies relating to such Assigned Patents, including, without limitation, the exclusive rights to (a) apply for and maintain all registrations, renewals and/or extensions thereof, and claim priority therefrom, (b) bring actions for past, present and future infringement thereof, and (c) grant licenses or other interests therein.


Assignor covenants and agrees, on its own behalf and on behalf of its successors and assigns, without further compensation, to provide such further information and execute such further assignments and documents that may be necessary to effect transfer of the Assigned Patents and perfect title in the Assignee, its successors or assigns in the countries or regions in which the respective Assigned Patents have been filed.

IN WITNESS WHEREOF, Assignor has caused this Patent Assignment to be executed by its duly authorized representative.

**ASSIGNOR: DURATEK, INC.**

By:   
Name: Russ Workman  
Title: Secretary  
Date: 3/21/11

**ACKNOWLEDGED BY:**  
**ASSIGNEE: ENERGYSOLUTIONS, LLC**

By:   
Name: Russ Workman  
Title: Secretary  
Date: 3/21/11

**Exhibit A  
Assigned Patents**

Patent	Country	Application No.	Application Date	Patent No. / Reg. No.	Issue Date / Reg. Date
"Lid Lifter"	US	29/236,597	8/18/2005	D538,611	3/20/2007
"Apparatus for Gasifying Organic Materials"	US	08/486,371	6/7/1995	5,851,246	12/22/1998