

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LESLIE P. ANTALFFY	04/30/2015
KENNETH D. KIRKPATRICK	04/30/2015
GEORGE MILLER	04/30/2015
BARRY MILLET	04/30/2015
CHARLES MAITLAND	04/30/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FLUOR TECHNOLOGIES CORPORATION
<b>Street Address:</b>	1 FLUOR DANIEL DRIVE
<b>City:</b>	SUGAR LAND
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77478
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13666834
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(972)731-2289
<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>	(972) 731-2288
<b>Email:</b>	DALLASPATENTS@DFW.CONLEYROSE.COM
<b>Correspondent Name:</b>	KRISTIN JORDAN HARKINS
<b>Address Line 1:</b>	5601 GRANITE PARKWAY, SUITE 500
<b>Address Line 4:</b>	PLANO, TEXAS 75024
<b>ATTORNEY DOCKET NUMBER:</b>	1236US_4570-18500
<b>NAME OF SUBMITTER:</b>	KRISTIN JORDAN HARKINS
<b>SIGNATURE:</b>	/kristinjordanharkins/
<b>DATE SIGNED:</b>	01/26/2016
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

**WHEREAS**, the undersigned, **Leslie P. Antalffy**, an individual residing in Houston, TX; **Kenneth D. Kirkpatrick**, an individual residing in Sugar Land, TX; **George Miller**, an individual residing in Needville, TX; **Barry Millet**, an individual residing in Pasadena, TX and **Charles Maitland**, an individual residing in Houston, TX (referred to hereinafter as "ASSIGNORS") have invented a certain invention entitled "**SYSTEMS FOR IMPROVING COST EFFECTIVENESS OF COKING SYSTEMS**", for which a United States application for Letters Patent in the United States of America was filed on November 1, 2012, serial number 13/666834; which is a continuation-part-of US application 13/666753 filed on November 1, 2012, which together with related experimental data, trade secret, and other know-how is referred to hereinafter as the **INVENTION**;

**WHEREAS**, **Fluor Technologies Corporation**, a company having its principal place of business at 3 Polaris Way, Aliso Viejo, CA 92698 (referred to hereinafter as "ASSIGNEE"), is desirous of acquiring all entire right, title and interest in, to and under said **INVENTION**, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which is hereby acknowledged, **ASSIGNORS** hereby sells, assigns, transfers and set over unto the **ASSIGNEE**, its successors and assigns the entire title, right and interest in and to the **INVENTION**, and to all Letters Patent or similar legal protection arising therefrom, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said **INVENTION** by said application or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

**ASSIGNORS** hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

**ASSIGNORS** further covenants that **ASSIGNEE** will, upon its request, be provided promptly with all pertinent facts and documents relating to said **INVENTION**, including the patent application listed above, and any Letters Patent and legal equivalents in foreign countries issuing therefrom as may be known and accessible to **ASSIGNORS**, and will testify as to the same in any interference or litigation 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 invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

**ASSIGNORS** and **ASSIGNEE** each covenant to perform all acts and execute and deliver all documents as may be necessary or appropriate to carry out the intent and purposes of this assignment.

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This assignment embodies the entire understanding of ASSIGNORS and ASSIGNEE and supersedes and replaces any and all pre-existing assignments or understandings between ASSIGNORS and ASSIGNEE. No amendment or modification of this assignment shall be valid or binding upon ASSIGNORS or ASSIGNEE unless made in writing and signed on behalf of each of ASSIGNORS and ASSIGNEE by their respective duly authorized representative.

ASSIGNORS acknowledge that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said invention and ASSIGNORS further acknowledge that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNORS and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNORS and any attorney or practitioner appointed by ASSIGNEE, in this or in any PCT or other family applications.

This Agreement may be executed in any number of counterparts, each of which shall be deemed an original but all of which together shall constitute one and the same instrument.

**EXECUTED at:**

Sugar Land, Tx, this 30 day of APRIL 2015  
City, State

By: Leslie P. Antalffy  
Leslie P. Antalffy

**EXECUTED at:**

Sugar Land, TX, this 30 day of APRIL 2015

By: Kenneth D. Kirkpatrick  
Kenneth D. Kirkpatrick

**EXECUTED at:**

Sugar Land, Texas, this 30 day of APRIL 2015


By: George Miller  
George Miller

100325.0542US  
13/666834

**EXECUTED at:**

Sugar land, TX, this 30 day of APRIL 2015


By:

  
Barry Millet

**EXECUTED at:**

Sugar land, TX, this 30 day of APRIL 2015

By:

  
Charles Maitland