503453773 08/26/2015

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3500398

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAVI RAVIKUMAR	07/31/2012
DENNY LI	07/31/2012

RECEIVING PARTY DATA

Name:	FLUOR TECHNOLOGIES CORPORATION		
Street Address:	3 POLARIS WAY		
City:	ALISO VIEJO		
State/Country:	CALIFORNIA		
Postal Code:	92698		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14836495	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	100325.0427US2
NAME OF SUBMITTER:	ROBERT D. FISH
SIGNATURE:	/Robert D. Fish/
DATE SIGNED:	08/26/2015

Total Attachments: 2

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PATENT 503453773 REEL: 036429 FRAME: 0341

ASSIGNMENT

WHEREAS, the undersigned, Ravi Ravikumar, an individual residing in Lancaster, CA, and Denny Li, an individual residing in Aliso Viejo, CA (referred to hereinafter as "ASSIGNORS") have invented a certain invention entitled "Production of Higher Alcohols with Minimum Methanol Content from the Gasification of Carbonaceous Materials", for which a United States application for Letters Patent in the United States of America was filed on May 17, 2012, serial number 13/474,452; 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 forcign 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.

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

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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 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:

IRVII	VE / CA	, this	31st day of	JULY	, 2012
	City, State			Month	, 2012
	AA				
By:	Ravikumar				

EXECUTED at:

Irvine, City,	, State	, this 3 [day of	July Month	, 2012
By: Denny Li	my l	<u></u>			