

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2777679

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>NEIL EDMUNDS</td><td>11/22/2010</td></tr><tr><td>MAURO CIMOLAI</td><td>11/19/2010</td></tr></tbody></table>	Name	Execution Date	NEIL EDMUNDS	11/22/2010	MAURO CIMOLAI	11/19/2010	
Name	Execution Date						
NEIL EDMUNDS	11/22/2010						
MAURO CIMOLAI	11/19/2010						
RECEIVING PARTY DATA							
Name:	LARICINA ENERGY LTD.						
Street Address:	4100, 150 - 6TH AVENUE SW						
Internal Address:	WEST TOWER, PETROCANADA						
City:	CALGARY, AB						
State/Country:	CANADA						
Postal Code:	T2P 3Y7						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>14220510</td></tr></tbody></table>	Property Type	Number	Application Number:	14220510			
Property Type	Number						
Application Number:	14220510						
CORRESPONDENCE DATA							
Fax Number:	(407)841-2343						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Phone:	407-841-2330						
Email:	creganoa@addmg.com						
Correspondent Name:	CHRISTOPHER F. REGAN						
Address Line 1:	255 S. ORANGE AVE.						
Address Line 2:	STE. 1401						
Address Line 4:	ORLANDO, FLORIDA 32801						
ATTORNEY DOCKET NUMBER:	GCSD-2340B (61813CON2)						
NAME OF SUBMITTER:	CHRISTOPHER F. REGAN						
SIGNATURE:	/CHRISTOPHER F. REGAN/						
DATE SIGNED:	03/20/2014						
Total Attachments: 2							
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source=61813CON1assignLaricina#page2.tif							

Assignment - World - application

ASSIGNMENT (World)

WHEREAS,

Neil EDMUNDS and Mauro CIMOLAI

hereinafter referred to as the "Assignors", whose full post office addresses are

4100, 1500-6th Avenue SW, Calgary, Alberta T2P 3Y7, Canada

65 Arbour Butte Road, NW, Calgary, Alberta T3G 4L0, Canada

have made an invention relating to and entitled:

Effective Solvent Extraction System Incorporating Electromagnetic Heating

hereinafter referred to as the "Invention", as fully set forth and described in applications for Letters Patent identified as:

Country	Application Number	Filing Date
U.S.A.	12/948,671	November 17, 2010
WO	PCT/US2010/057090	November 17, 2010

hereinafter referred to as the "Applications";

AND WHEREAS,

Laricina Energy Ltd.

hereinafter referred to as the "Assignee", whose full post office address is

**4100, 150 - 6th Avenue, SW, West Tower, PetroCanada, Calgary, AB, T2P 3Y7,
Canada**

desires to acquire the Assignor's entire right, title and interest in and to the Invention and the Applications;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignors confirm that they have, as of at least November 17, 2010 sold, assigned, transferred and set over, and for greater certainty, do hereby sell, assign, transfer and set over to the Assignee, its successors, assigns, or legal representatives, their entire right, title and interest for Canada, the United States and all other countries throughout the World in and to the Invention, together with their entire right, title and interest in and to the Applications and any and all Letters Patent that may issue for the Invention, including any and all divisions, reissues, continuations and extensions of the

Applications, to the full end of the term for which each said Letters Patent may be granted, and including any right to claim priority based on the Applications, the same to be held and enjoyed as fully and completely as the same would have been held and enjoyed by the Assignors had this Assignment not been made;

AND the Assignors, on behalf of themselves and their executors and administrators, do hereby covenant and agree to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications and other instruments as may reasonably be required by the Assignee, its successors, assigns, or legal representatives, to obtain any and all Letters Patent for the Invention and vest the same in the Assignee, its successors, assigns, or legal representatives.

AND the Assignors, on behalf of themselves and their executors and administrators, do hereby authorize the Assignee, its successors, assigns, or legal representatives, including its Patent Agents, Blake, Cassels & Graydon LLP, to amend this assignment to insert or correct the filing date, serial number or other identifying information of the Applications as may be needed to record this assignment.

Assignor 1	Witness
Name Neil EDMUNDS	Name <i>JASON SMITH</i>
Signature <i>Neil Edmunds</i>	Signature <i>J. Smith</i>
Date <i>Nov. 22, 2010</i>	Date <i>Nov. 22, 2010</i>

Assignor 2	Witness
Name Mauro CIMOLAI	Name <i>Melniez Schmidt</i>
Signature <i>Mauro Cimolai</i>	Signature <i>M Schmidt</i>
Date <i>November 19/2010</i>	Date <i>Nov 19/10</i>