

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
HELISWIRL TECHNOLOGIES LIMITED	06/20/2008
<b>RECEIVING PARTY DATA</b>	
Name:	HELISWIRL PETROCHEMICALS LIMITED
Street Address:	21 Wilson Street
City:	London
State/Country:	UNITED KINGDOM
Postal Code:	EC2M 2TD
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	11686735
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(312)474-0448
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	312-474-6300
Email:	mfurmanek@marshallip.com
Correspondent Name:	Marshall, Gerstein & Borun LLP
Address Line 1:	233 South Wacker Drive
Address Line 2:	6300 Sears Tower
Address Line 4:	Chicago, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	30675/90568A
NAME OF SUBMITTER:	Michael P. Furmanek
<p>Total Attachments: 6</p> <p>source=90568aassign#page1.tif</p> <p>source=90568aassign#page2.tif</p> <p>source=90568aassign#page3.tif</p>	

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**PATENT**  
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Dated 20 JUNE 2009

1. HELISWIRL TECHNOLOGIES LIMITED

and

2. HELISWIRL PETROCHEMICALS LIMITED

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ASSIGNMENT

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( ) DORSEY

Dorsey & Whitney  
21 Wilson Street  
London EC2M 2TD

Tel: 020 7588 0800  
Fax: 020 7588 0555  
[www.dorsey.com](http://www.dorsey.com)

THIS ASSIGNMENT is dated *20 June* 2008

#### Parties

- (1) **HELISWIRL TECHNOLOGIES LIMITED** incorporated and registered in England and Wales with company number 05032418 whose registered office is at 21 Wilson Street, London, EC2M 2TD (the Assignor); and
- (2) **HELISWIRL PETROCHEMICALS LIMITED** incorporated and registered in England and Wales with company number 6549638 whose registered office is at 21 Wilson Street, London, EC2M 2TD (the Assignee).

#### BACKGROUND

- (A) The Assignor is the proprietor of the applications for, and registrations of, the patents set out in the Schedule (together the "Patents").
- (B) As part of a group restructuring, the Assignor has agreed to assign to the Assignee the Intellectual Property (as defined below) on the terms set out below.

#### AGREED TERMS

##### 1. INTERPRETATION

The definition in this clause applies in this assignment:

**Intellectual Property:** means the Patents and any other technical or other information relating solely to any concepts, discoveries, data, designs, formulae, ideas and/or inventions which are the subject matter of those Patents and all rights in the same.

##### 2. ASSIGNMENT

- 2.1 In consideration of the sum of £33,788.93 exclusive of value added tax (receipt of which the Assignor hereby acknowledges), the Assignor assigns and transfers with full title guarantee absolutely to Assignee all of its right, title and interest in the Intellectual Property including, without limitation:

- (a) the right to recover and take all such proceedings as may be necessary for the recovery of damages or otherwise in respect of all infringements of any of the Intellectual Property, whether committed before or after the date of this agreement;
- (b) the absolute entitlement to any patent(s) and other intellectual property that may be granted pursuant to any of the applications comprised in the Patents;
- (c) all rights of ownership of any materials that form part of the Intellectual Property, including without limitation any existing SMAHT ethylene coil designs developed by the Assignor; and
- (d) all patents and other intellectual property that derive priority from or have equivalent claims to or be based upon the Intellectual Property in any

country of the world (and including supplementary protection certificates, divisions, continuations, continuations in part, reissues and extensions) and the Intellectual Property shall be deemed to include all such items of property.

- 2.2 The Assignee shall be responsible for payment of any value added tax (VAT) on the assignment, subject to production of a valid VAT invoice by the Assignor.

3. FURTHER ASSURANCE

The Assignor shall, at the request and expense of the Assignee, do or procure to be done all such further acts and things, and execute or procure the execution of all such other documents, as the Assignee may from time to time reasonably require in order to give the Assignee the full benefit of this assignment, whether in connection with any registration of title or other similar right or otherwise.

4. GOVERNING LAW AND JURISDICTION

- 4.1 This assignment shall be governed by and construed in accordance with the law of England and Wales.
- 4.2 Each party irrevocably agrees to submit to the exclusive jurisdiction of the courts of England and Wales over any claim or matter arising under or in connection with this assignment.

This assignment has been entered into on the date stated at the beginning of it.

## Schedule

## List of Patents

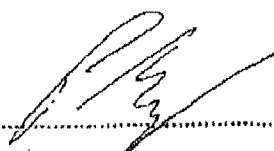
FBD Ref. Cit Ref.	Title Client	Country Filing Date	Application No. Registration No.	First Named Owner Earliest Priority	Agent	Status Next Renewal
90568/01	Ethylene Reactor	Iran	38412388	Heliswirl Technologies Limited		Granted 12/03/2008
	Heliswirl Technologies Limited	12/03/2006	39357		Saba & Co.	
90568/02	Ethylene Reactor	Nigeria	2822006	Heliswirl Technologies Limited		Granted 13/03/2008
	Heliswirl Technologies Limited	13/03/2006	RP16427		G.R.F. Dailey & Partners	
90568/03	Ethylene Reactor	Taiwan	095108415	Heliswirl Technologies Limited		Application filed and receipt received
	Heliswirl Technologies Limited	13/03/2006			Lee and Li	
90568/04	Ethylene Reactor	Thailand	0601001104	Heliswirl Technologies Limited		Application filed and receipt received
	Heliswirl Technologies Limited	13/03/2006			Domnien Somglat & Boonma	

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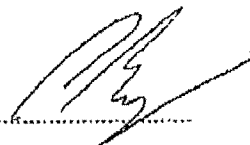
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FBD Ref.	Title	Country	Application No.	First Named Owner	Status
Cit Ref.	Client	Filing Date	Registration No.	Earliest Priority Agent	Next Renewal
90568/07	Ethylene Reactor	Gulf Co-Operation Council	6773	HeliSwirl Technologies Limited	Application filed and receipt received
	HeliSwirl Technologies Limited	15/08/2006		Saba & Co.	01/01/2008
90568/08	Ethylene Reactor	Patent Cooperation Treaty	PCT/GB2007/000849	HeliSwirl Technologies Limited	Pending - demand filed
	HeliSwirl Technologies Limited	12/03/2006			
90568/09	Ethylene Reactor	USA	11/686735	HeliSwirl Technologies Limited	Application filed and receipt received
	HeliSwirl Technologies Limited	15/03/2006		Marshall, Gerstein & Borun LLP	
90568/10	Ethylene Reactor	USA		HeliSwirl Technologies Limited	New case
	HeliSwirl Technologies Limited	12/03/2006			

Signed by for and on behalf of  
**HELISWIRL TECHNOLOGIES  
LIMITED**

  
.....  
Director

Signed by for and on behalf of  
**HELISWIRL PETROCHEMICALS  
LIMITED**

  
.....  
Director