PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
FIBRA LIMITED	07/27/2009

RECEIVING PARTY DATA

Name:	SHELL TECHNOLOGY VENTURES FUND 1 BV
Street Address:	Lange Kleiweg 60F
City:	Rijswijk
State/Country:	NETHERLANDS
Postal Code:	2288 GK

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	61087391
Application Number:	61087436
Patent Number:	7282155
Patent Number:	7104530

CORRESPONDENCE DATA

Fax Number: (312)346-8434

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 3124767534

Email: lturczak@lplegal.com

Correspondent Name: Laura Turczak, Levenfeld Pearlstein, LLC

Address Line 1: 2 N. LaSalle Street

Address Line 2: Suite 1300

Address Line 4: Chicago, ILLINOIS 60602

ATTORNEY DOCKET NUMBER: 37566-80747

NAME OF SUBMITTER: Laura J. Turczak

PATENT

REEL: 023373 FRAME: 0560

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Total Attachments: 9

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DATED 271 JWW 2009

PATENT AND LICENCE AGREEMENT ASSIGNMENT

between

FIBRA LIMITED

and

SHELL TECHNOLOGY VENTURES FUND 1 BV

SCHEDULE

SCHEDULE PATENTS

PARTIES

- (1) FIBRA LIMITED incorporated and registered in England and Wales with company number 4589830 whose registered office is at 19 Horseshoe Park, Horseshoe Road, Pangbourne, Berkshire RG8 7JW ("Assignor").
- (2) SHELL TECHNOLOGY VENTURES FUND 1 BV incorporated and registered in The Netherlands whose registered office is at Lange Kleiweg 60F, 2288 GK, Rijswijk, The Netherlands ("Assignee").

BACKGROUND

- (A) The Assignor is the proprietor of or applicant for the patents and applications therefor listed in the Schedule to this Assignment
- (B) The Assignor entered into a Licence Agreement with Shell Research Limited dated 27 November 2008 (the "Licence Agreement")
- (C) On 9th March 2009 the Assignor issued to the Assignee £827,880 nominal amount of sterling convertible loan notes (the "*Loan Notes*") which continue to be held by the Assignee
- (D) The Assignor has agreed to assign to the Assignee the Patents and the Assignor's rights and benefits under the Licence Agreement and the Assignee has agreed to accept such assignment in full and final satisfaction of all monies and other obligations arising under the Loan Notes

AGREED TERMS

1. INTERPRETATION

In this Assignment:

"Patents" means:

- (a) the patents and applications therefor, details of which are set out in Schedule 1,
- (b) all other patents and applications therefor of which the Company is the proprietor or applicant;
- (c) all divisionals, continuations, continuations-in-part, substitutes, extensions and reissues of any of the foregoing; and
- (d) all filings in any country claiming priority from any of the foregoing, and all foreign counterparts of any of the foregoing.

2. ASSIGNMENT

In consideration of the sum of £827,880 to be satisfied by the cancellation of the Loan Notes and the waiver of all accrued but unpaid interest on the Loan Notes, the Assignor hereby assigns to the Assignee with full title guarantee:

- 2.1 all its right title and interest in the full and exclusive benefit of the Patents including:
- (e) the right to recover and take all proceedings for the recovery of damages or otherwise in respect of all infringements of any of the Patents, whether committed before or after the date of this Assignment;
- (f) the absolute entitlement to any patent granted pursuant to any of the applications comprised in the Patents, for the full term of such patent; and
- (g) the Assignor's right to apply for, prosecute and obtain a patent or similar protection in the United Kingdom and all other countries in the world for any invention embodied in any of the Patents, including the right to claim priority from any Patent; and
- 2.2 all its rights and benefits (but not its obligations) under the Licence Agreement which the Assignor is free to assign to STVF1 without the consent of Shell Research Limited.

3. FURTHER ASSURANCE

The Assignor hereby covenants with the Assignee that the Assignor shall, at the expense of the Assignee, execute and sign all such instruments, applications and documents and do all such acts and things as may reasonably be required by the Assignee to enable the Assignee or its nominee to enjoy the full benefit of the rights assigned by this Assignment.

4. GOVERNING LAW AND JURISDICTION

- 4.1 This Assignment and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims) shall be governed by and construed in accordance with English law.
- 4.2 The parties irrevocably agree that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim that arises out of or in connection with this Assignment or its subject matter or formation (including non-contractual disputes or claims).

This Assignment has been executed as a deed on the date stated at the beginning of it.

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SCHEDULE 1

Patents

ountry	Title	Application Date	Application Number	Grant Date	Grant Number	Status
ustralia	Device and Method for Filtering a Fluid	17/09/2001	2001289887	05/06/2008	2001289887	Granted
anada	Device and Method for Filtering a Fluid	17/09/2001	2461460			Pending
hina	Device and Method for Filtering a Fluid	17/09/2001	01815953.2			Pending
urope	Device and Method for Filtering a Fluid	17/09/2001	01969725.9	29/03/2006	1322398	Granted
rance	Device and Method for Filtering a Fluid	17/09/2001	01969725.9	29/03/2006	1322398	Granted
rance	Contacting Liquid with Gas	03/05/2002	02737863.7	31/05/2006	1427519	Granted
ermany	Device and Method for Filtering a Fluid	17/09/2001	01969725.9	29/03/2006	60118408.4	Granted
ermany	Contacting Liquid with Gas	03/05/2002	02737863.7	31/05/2006	60211923.5	Granted
ndia	Device and Method for Filtering a Fluid	17/09/2001	00381/DELNP/2003			Pending
srael	Device and Method for Filtering a Fluid	17/09/2001	154951	11/03/2007	154951	Granted
:aly	Device and Method for Filtering a Fluid	17/09/2001	01969725.9	29/03/2006	27385BE2006	Granted
yla:	Contacting Liquid with Gas	03/05/2002	02737863.7	31/05/2006	71859BE2006	Granted
apan	Device and Method for Filtering a Fluid	17/09/2001	2002-528370			Pending
-g w Zealand	Device and Method for Filtering a Fluid	17/09/2001	524746	13/01/2005	524746	Granted
A ssian Federation	Device and Method for Filtering a Fluid	17/09/2001	2003111165	10/08/2006	2281143	Granted
⊞ ⊉ uth Africa	Device and Method for Filtering a Fluid	17/09/2001	2003/2122	26/05/2004	2003/2122	Granted
Inited Kingdom	Ultraviolet Filter	10/10/2008	0818571.2			Pending
Inited Kingdom	Optical Fibres - Photocatalyst	10/10/2008	0818573.8			Pending
Inited Kingdom	Device and Method for Filtering a Fluid	17/09/2001	01969725.9	29/03/2006	1322398	Granted
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ountry	Title	Application Application Date Number	Application Number	Grant Date	Grant Number	Status
nited Kingdom	Contacting Liquid with Gas	03/05/2002	02737863.7	31/05/2006	1427519	Granted
nited States of nerica	Ultraviolet Filter	08/08/2008	61/087391			Pending
nited States of nerica	Optical Fibres – Photocatalyst	08/08/2008	61/087436			Pending
nited States of nerica	Device and Method for Filtering a Fluid	17/09/2001	10/388165	16/10/2007	7282155	Granted
nited States of nerica	Contacting Liquid with Gas	03/05/2002	10/489785	12/09/2006	7104530	Granted

EXECUTED as a Deed by FIBRA LIMITED acting by David Griffiths, a director, duly authorised in the presence of:-	
Signature of Witness	l & Shills
Name of Witness	PATRICIA E SHIELDS
Address of Witness	The Old School
	Behron Caho
•	Continuest Giffold exto 8ED
Occupation of Witness	Crownersh Gifford exto SED
	•
EXECUTED as a Deed by SHELL TECHNOLOGY VENTURES FUND 1 BV acting by Kenda Capital B.V. sole director, acting by	
General Attorney duly authorised in the presence of:-	
,	
Signature of Witness	
Name of Witness	
Address of Witness	
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Occupation of Witness

EXECUTED as a Deed by FIBRA LIMITED acting by David Griffiths, a director, duly authorised in the presence of:-	
Signature of Witness	
Name of Witness	
Address of Witness	
Occupation of Witness	
EXECUTED as a Deed by SHELL TECHNOLOGY VENTURES FUND 1 BV acting by Kenda Capital B.V. sole director, acting by BRENDAN BARRY General Attorney duly authorised in the presence of:-	Bedo S
Signature of Witness Name of Witness Address of Witness	Flotonio I Pretorius Seemondeban 300 aasy (H. Rijswijk The Nedworlands
Occupation of Witness	Office Manager

NT





KINGDOM OF THE NETHERLANDS

legalization inter alia ex Section 69 Code of Commerce

I, Drs Pierre Henri Marie KEESOM, attesting agent ("makelaar" of Trade Marks) sworn in by the Amsterdam Court of Appeal (swearing-in gazetted on 18 December 1973 No 245), certified Hobéon SKO No 18582 and Benelux and European Trade Mark and Design Attorney (No 1816) do hereby certify: this to be a true copy of the original.

The Hague, 14 September 2009



commission ad vitam

RECORDED: 10/15/2009

Keeson

This signature can be directly legalized by 'Apostille' and by the Ministry of Foreign Affairs and many consulates.

www.keesom.nl - Keesom & Hendriks N.V. - The Hague-NL

PATENT