

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to remove Patent No 446872 previously recorded on Reel/Frame 012631/0054
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
PRICewaterhouseCOOPERS INC. (INTERIM RECEIVER OF FANTOM TECHNOLOGIES INC.)	02/26/2002
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	PENTALPHA MACAU COMMERCIAL OFFSHORE LTD.
<b>Street Address:</b>	15th Floor, Room "C"
<b>Internal Address:</b>	Rua de Pequim, Macau Financial Centre
<b>City:</b>	Macau
<b>State/Country:</b>	CHINA
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Patent Number:	D446872
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(416)868-0673
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	4166018014
<b>Email:</b>	sho@mccarthy.ca
<b>Correspondent Name:</b>	Sharon Ho
<b>Address Line 1:</b>	Box 48, Suite 5300, TD Bank Tower
<b>Address Line 4:</b>	Toronto, CANADA M5K 1E6
<b>ATTORNEY DOCKET NUMBER:</b>	191037-320960
<b>NAME OF SUBMITTER:</b>	Sharon Ho
<b>Total Attachments: 9</b> source=PWC to Pentalpha#page1.tif source=PWC to Pentalpha#page2.tif source=PWC to Pentalpha#page3.tif	

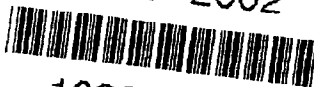
CH \$40.00 D446872

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**PATENT**  
**REEL: 022773 FRAME: 0676**

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To the Honorable Commissioner of Patents and Trademarks: Receiv

attached original documents or copy thereof.

## 1. Name of conveying party(ies):

PRICEWATERHOUSECOOPERS INC.  
(interim receiver of FANTOM TECHNOLOGIES INC.)  
145 King Street West  
Toronto, Ontario  
M5H 1V8 CANADA

Additional names(s) of conveying party(ies)

3. Nature of conveyance: MRO

- ☒ Assignment 2/28/2 ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: February 26, 2002

## 2. Name and address of receiving party(ies):

Name: PENTALPHA MACAU COMMERCIALInternal Address: OFFSHORE LTD.15th Floor, Room "C"Street Address: Rua de Pequim, Macau Financial CentreMacau, PRC

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

## A. Patent Application No.(s)

09/523,139

## B. Patent No.(s)

6,269,639	6,269,640	6,311,490
6,226,990	6,336,326	6,311,491
6,279,319	6,286,310	6,293,101
6,279,318	6,332,319	446,872

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John R.S. OrangeInternal Address: Suite 4900, P.O. Box 19003/06/2002 6TON11 000001A5 0952313901 FC:581520.00 DPStreet Address: Orange & Chari, 66 Wellington St. W,Toronto, Ontario MK5 1H8 CANADA

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

6. Total number of applications and patents involved: 137. Total fee (37 CFR 3.41):.....\$ 520.00☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

150633

(Attach duplicate copy of this page if paying by deposit account)

## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*John R.S. Orange

Name of Person Signing

Signature

February 27, 2002

Date

Total number of pages including cover sheet, attachments, and document: 8Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231**PATENT**  
**REEL: 012631 FRAME: 0054****PATENT**  
**REEL: 022773 FRAME: 0678**

**ASSIGNMENT OF INTELLECTUAL PROPERTY**

**WHEREAS FANTOM TECHNOLOGIES INC.**, (hereinafter referred to as "FANTOM"), is the owner of the intellectual property identified in Schedule A (hereinafter referred to as the "IP Rights");

**WHEREAS PRICEWATERHOUSECOOPERS INC.**, whose full post office address is 145 King Street West, Toronto, Ontario M5H 1V8 (hereinafter referred to as the "Assignor") was appointed as interim receiver of Fantom pursuant to an Order of the Honourable Mr. Justice Farley of the Ontario Superior Court of Justice (Commercial List) dated October 25, 2001;

**WHEREAS** the Assignor has agreed to sell and assign the IP Rights to **GLOBAL-TECH APPLIANCES INC.**, pursuant to an agreement of purchase and sale dated February 7, 2002 (the "Purchase Agreement"), whose full post office address is **Kim Teck Industrial Building, 12/F., 26 Wong Chuk Hang Road, Aberdeen, Hong Kong** (hereinafter referred to as "Global-Tech");

**WHEREAS** Global-Tech has directed the Assignor to assign the entire right, title and interest of Fantom in and to the IP Rights to **FENTALPHA MACAU COMMERCIAL OFFSHORE LTD.**, whose full post office address is **Rue de Pequim, Macau Financial Centre, 15<sup>th</sup> Floor, Room "C", Macau, PRC** (hereinafter referred to as the "Assignee");

**NOW, THEREFORE**, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor declares as follows:

The Assignor, for and on behalf of Fantom, hereby assigns and transfers to the Assignee, without warranty as to the registrability or validity thereof, FANTOM's entire right, title and interest in and to the IP Rights, including without limitation, (i) the industrial design applications and registrations set out in Schedule A hereto and the industrial designs described, shown and claimed therein; and (ii) the patents and applications identified in Schedule A hereto and the inventions described or claimed therein, and any and all continuations, continuations-in-part, divisions, renewals, reissues and substitutes for said patents and applications, and in and to any and all Letters Patent which may be granted on or as a result of the said applications and any issue or reissues or extensions or re-examinations of said Letters Patent, the same to be held and enjoyed by the Assignee, as fully and entirely as the same could have been held and enjoyed by the Assignor if this assignment and transfer had not been made.

The Assignor authorizes and empowers the Assignee, its assigns and legal representatives or nominee, to claim priority for any application for patent or other form of protection for any invention set out in the attached schedule or for additions and modifications thereto, filed by it or them and to invoke and claim such right of priority without further written or oral authorization from the Assignor.

**PATENT**  
**REEL: 012631 FRAME: 0055**

**PATENT**  
**REEL: 022773 FRAME: 0679**

The Commissioner of Patents & Trademarks is hereby authorized and requested to issue said Letters Patent to the Assignee, for its sole use and benefit; and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held by the Assignor had this assignment and transfer not been made.

The Assignor undertakes and agrees to execute, at the request and expense of the Assignee, such further assurances as may be reasonably required in order to permit the Assignee to obtain recording of this Agreement.

This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original and all of which shall constitute one and the same agreement. Transmission by facsimile of an executed counterpart of this Agreement shall be deemed to constitute due and sufficient delivery of such counterpart. In the event of acceptance in counterparts or by facsimile transmission, each party undertakes to forthwith thereafter execute and exchange copies of this Agreement by original signature, not in counterpart.

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IN WITNESS WHEREOF, the parties have caused this agreement to be duly executed and signed by their duly authorized officers, this \_\_\_\_ day of February, 2002.

**PRICEWATERHOUSECOOPERS INC.,**  
in its capacity as interim receiver of Fantom  
Technologies Inc., Fantom Technologies Direct,  
Inc., Fantom Technologies Intellectual Property,  
Inc., Fantom Technologies U.S.A., Inc. and  
Fantom Technologies Holdings, Inc. and not in  
its personal capacity

Witnessed by:

By: \_\_\_\_\_

Name: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Witnessed by:

**GLOBAL TECH APPLIANCES INC.**

By: \_\_\_\_\_

Name: Chih-Ching Hsu

Name: Brian Yuen

Title: Assistant Secretary

Witnessed by:

**PENTALPHA MACAU COMMERCIAL  
OFFSHORE LTD.**

By: \_\_\_\_\_

Name: Yuen Man AU-YEUNG

Name: John C.K. Sham

Title: President

INTELLECTUAL PROPERTY ASSIGNMENT

**PATENT**  
**REEL: 012631 FRAME: 0057**

**PATENT**  
**REEL: 022773 FRAME: 0681**

## Schedule "A"

Case Type	Description	United States		Canada		PCT
		Status	Serial No./ Patent No./ Registration No.	Status	Serial No./ Patent No./ Registration No.	
P	CHANGING CYCLE PROFILE (HEAT ENGINE)	I	6269639			PCT/CA00/01502
P	CHANGING CYCLE PROFILE-COOLING (HEAT ENGINE)	I	6226980			PCT/CA00/01502
P	CHANGING FREQUENCY (HEAT ENGINE)	I	6279319			PCT/CA00/01502
P	DUAL FLOW HEAT EXCHANGER	I	6279318	P	2292684	PCT/CA00/01502
P	FEEDBACK SYSTEM FOR MODULATING HEAT SOURCE (HEAT ENGINE)	I	6269640			PCT/CA00/01502
P	HEAT ENGINE (FORCED COOLING)	I	6338325			PCT/CA00/01502
P	MAGNETIC BEARING (HEAT ENGINE)	I	6286310			PCT/CA00/01502
P	STIRLING ENGINE (EXTERIOR LOUVRED FINS)	I	6332319	P	2292684	PCT/CA00/01502
P	STIRLING ENGINE (FINS ON INNER WALL)	I	6311490	P	2292684	PCT/CA00/01502
P	STIRLING ENGINE (INDIVIDUAL SUB-LOUVRED FINS FOR HEAT EXCHANGER)	P	09/523139	P	2292684	PCT/CA00/01502
P	STIRLING ENGINE (SHEET METAL CONSTRUCTION)	I	6311491	P	2292684	PCT/CA00/01502

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INTELLECTUAL PROPERTY ASSIGNMENT

PATENT  
REEL: 012631 FRAME: 0058

PATENT  
REEL: 022773 FRAME: 0682

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NO. 361 P. 8/25

P	STIRLING ENGINES (FINS IN THE BURNER CUP)		8293101	P	2292684	PCT/CA0001602
D	AURORA		448872		92514	
D	AURORA (DIV)				92515	

P - Patent

D - Design

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INTELLECTUAL PROPERTY ASSIGNMENT

PATENT  
REEL: 012631 FRAME: 0059

PATENT  
REEL: 022773 FRAME: 0683

IN WITNESS WHEREOF, the parties have caused this agreement to be duly executed and signed by their duly authorized officers, this 26 day of February, 2002.

**PRICEWATERHOUSECOOPERS INC.,**  
in its capacity as interim receiver of Fantom  
Technologies Inc., Fantom Technologies Direct,  
Inc., Fantom Technologies Intellectual Property,  
Inc., Fantom Technologies U.S.A., Inc. and  
Fantom Technologies Holdings, Inc. and not in  
its personal capacity

Witnessed by:

Name:

Sylvia Lutz

By:

Catherine Hristow  
Name: CATHERINE HRISTOW  
Title: VICE PRESIDENT

Witnessed by:

Name:

By:

Name:  
Title:

**GLOBAL-TECH APPLIANCES INC.**

Witnessed by:

Name:

By:

Name:  
Title:

**PENTALPHA MACAU COMMERCIAL  
OFFSHORE LTD.**

INTELLECTUAL PROPERTY ASSIGNMENT

**PATENT**

**REEL: 012631 FRAME: 0060**

**PATENT**


**REEL: 022773 FRAME: 0684**

NOTARIAL CERTIFICATE OF TRUE COPY

I, Navin KHANNA, a Notary Public in and for the Province of Ontario, by Royal Authority duly appointed, residing in the City of Toronto, in the Province of Ontario, DO HEREBY CERTIFY that the document attached hereto is a true copy of a document produced and shown to me and being:

An Assignment of Intellectual Property from PRICEWATERHOUSECOOPERS INC. (appointed interim receiver of FANTOM TECHNOLOGIES INC.) to PENTALPHA MACAU COMMERCIAL OFFSHORE LTD.

IN TESTIMONY WHEREOF I have hereunto set my hand and seal, this 26th day of February, 2002.



Notary Public

(SEAL)

PATENT  
REEL: 012631 FRAME: 0061

RECORDED: 06/04/2009

PATENT  
REEL: 022773 FRAME: 0685