

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

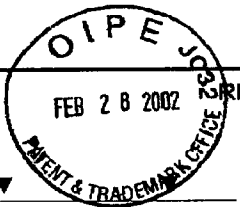
SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to remove Patent No 446872 from Reel/Frame 012621/0919
CONVEYING PARTY DATA	
Name	Execution Date
THE BANK OF NOVA SCOTIA	02/26/2002
RECEIVING PARTY DATA	
Name:	PRICEWATERHOUSECOOPERS INC.
Street Address:	145 KING STREET WEST
Internal Address:	(INTERIM RECEIVER OF FANTOM TECHNOLOGIES INC.)
City:	TORONTO
State/Country:	CANADA
Postal Code:	M5H 1V8
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	D446872
CORRESPONDENCE DATA	
Fax Number:	(416)868-0673
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	4166018014
Email:	sho@mccarthy.ca
Correspondent Name:	Sharon Ho
Address Line 1:	Box 48, Suite 5300, TD Bank Tower
Address Line 4:	Toronto, CANADA M5K 1E6
ATTORNEY DOCKET NUMBER:	191037-320960
NAME OF SUBMITTER:	Sharon Ho
Total Attachments: 8 source=BNS to PWC#page1.tif source=BNS to PWC#page2.tif	

CH \$40.00 D446872

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PATENT
REEL: 022773 FRAME: 0644

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03-07-2002



102005723

Docket No.: 10000-0029

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings → → → ▼

To the Honorable Commissioner of Patents and Trademarks

Attached original documents or copy thereof.

1. Name of conveying party(ies):
THE BANK OF NOVIA SCOTIA
44 King Street
16th Floor
Toronto, Ontario
M5H 1H1 CANADA

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: February 26, 2002

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

Name: PRICEWATERHOUSECOOPERS INC.

Internal Address: (interim receiver of FANTOM

TECHNOLOGIES INC.)

Street Address: 145 King Street West, Toronto, Ontario

M5H 1V8 CANADA

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. Orange

Internal Address: Suite 4900, P.O. Box 190

03/06/2002 510H11 00000332 09523139

01 FC:581 520.00 DP

Street Address: Orange & Chari, 66 Wellington St. W,

Toronto, Ontario MK5 1H8 CANADA

City: _____ State: _____ ZIP: _____

6. Total number of applications and patents involved: **13**

7. 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)

DO NOT USE THIS SPACE

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: **8**

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 012621 FRAME: 0919

PATENT
REEL: 022773 FRAME: 0646

ASSIGNMENT OF INTELLECTUAL PROPERTY

WHEREAS **FANTOM TECHNOLOGIES INC.** (hereinafter referred to as "**FANTOM**") was the owner of certain intellectual property rights as described in Schedule A (hereinafter referred to as the "**IP Rights**");

AND WHEREAS **FANTOM** assigned the IP Rights to **THE BANK OF NOVA SCOTIA** (hereinafter referred to as "**BNS**") as security for its obligations to BNS;

AND WHEREAS **BNS** desires to reassign any and all of its rights in and to the IP Rights to **FANTOM** such that **FANTOM** becomes the owner of the IP Rights.

AND WHEREAS **PRICEWATERHOUSECOOPERS INC.** was appointed as interim receiver of **FANTOM** pursuant to an Order of the Honourable Mr. Justice Farley of the Ontario Superior Court of Justice (the "**Court**") on October 25, 2001;

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, **BNS** declares as follows:

BNS, the full post office address of whose principal office or place of business is 44 King Street, 16th Floor, Toronto, Ontario, M5H 1H1, hereby reassigns and transfers unto **FANTOM**, whose full post office address is 1110 Hansler Road, Welland, Ontario L3B 5S1, any and all of its rights in and to the IP Rights in Canada, the United States and all other countries, 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 **FANTOM**, as fully and entirely as the same could have been held and enjoyed by **BNS** if this reassignment and transfer had not been made.

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Notwithstanding this reassignment and transfer by BNS to FANTOM, BNS shall continue to hold a security interest in the IP Rights and the proceeds therefrom, subject to the terms of any order which may be made by the Court vesting the IP Rights in a purchaser free and clear of the claims or interests being asserted by any party against the assets, including the IP Rights, of Fantom.

BNS authorizes and empowers FANTOM, its assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for any invention set out in Schedule A hereto 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 BNS.

The Commissioner of Patents & Trademarks is hereby authorized and requested to issue said Letters Patent to FANTOM or its successors or assigns, for its or their sole use and benefit; 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 BNS had this reassignment and transfer not been made.

BNS undertakes, at any time, upon reasonable request, to sign such documents and do such things as may be reasonably required to register and convey the IP Rights conveyed herein to FANTOM or any of its successors or assigns, all without further consideration, but at the sole expense of FANTOM or any of its successors or assigns.

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.

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EXECUTED the _____ day of _____, 2002.

Witnessed by:

THE BANK OF NOVA SCOTIA

By: _____

Name: _____

Name: _____

Title: _____

EXECUTED the 26th day of FEBRUARY, 2002.

Witnessed by:

**FANTOM TECHNOLOGIES INC., by its
interim receiver, PricewaterhouseCoopers Inc.,
without personal liability**

By: _____

Name: _____

SYLVIA LUTZ

Name: CATHERINE HRISTOW

Title: VICE PRESIDENT

**PATENT
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**PATENT
REEL: 022773 FRAME: 0649**

EXECUTED the _____ day of _____, 2002.

Witnessed by:

THE BANK OF NOVA SCOTIA

G. Margolis
Name: *Gary S. Margolis*

By: *J. Bernard Poirier*
Name: *J. Bernard Poirier*
Title: *Director*

EXECUTED the _____ day of _____, 2002.

Witnessed by:

FANTOM TECHNOLOGIES INC., by its
interim receiver, PricewaterhouseCoopers Inc.,
without personal liability

Name:

By: _____
Name:
Title:

PATENT
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PATENT
REEL: 022773 FRAME: 0650



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	6226990			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	6336326			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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PATENT
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PATENT
REEL: 022773 FRAME: 0651

P	STIRLING ENGINES (FINS IN THE BURNER CUP)	I	6293101	P	2292684	PCT/CA00/01502
D	AURORA	I	446872	I	92514	
D	AURORA (DIV)			I	92515	

P – Patent

D - Design

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PATENT
REEL: 012621 FRAME: 0925


PATENT
REEL: 022773 FRAME: 0652

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 the BANK OF NOVIA SCOTIA to PRICEWATERHOUSECOOPERS INC. (appointed interim receiver of FANTOM TECHNOLOGIES INC.)

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



Notary Public

(SEAL)

RECORDED: 02/28/2002

PATENT
REEL: 012621 FRAME: 0926

RECORDED: 06/04/2009

PATENT
REEL: 022773 FRAME: 0653