

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3571704

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BARRY HOFFMAN	10/13/2015
RECEIVING PARTY DATA	
Name:	CALAERIS ENERGY & ENVIRONMENT LTD.
Street Address:	1055 WEST HASTINGS STREET
Internal Address:	SUITE 300
City:	VANCOUVER, BC
State/Country:	CANADA
Postal Code:	V6E 2E9
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14759807
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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ATTORNEY DOCKET NUMBER:	154-P001US NP
NAME OF SUBMITTER:	JEFFREY L. WENDT
SIGNATURE:	/JEFFREY L. WENDT/
DATE SIGNED:	10/15/2015
Total Attachments: 1	
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Assignment of Invention

WHEREAS, I, Barry Hoffman, of Wilcox, SK, Canada have invented certain new and useful improvements in: "TURBULENT VACUUM THERMAL SEPARATION METHODS AND SYSTEMS", for which a nonprovisional United States application for Letters Patent was filed on July 8, 2015, application number 14/759807, which was a National Stage entry (Section 371) application of PCT/CA2014/050052, which in turn claimed priority from provisional United States application 61/756,925, filed January 25, 2013; and

WHEREAS, Calaeis Energy & Environment Ltd., (hereinafter referred to as "ASSIGNEE") having a place of business at: 1055 West Hastings Street, Suite 300, Vancouver, BC, Canada, desires to acquire the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted thereof in the United States and its territorial possessions and in any and all foreign countries;

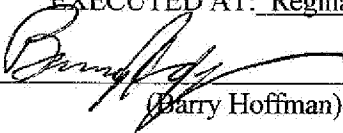
NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all non-provisional patent applications, divisions, reissues, reexaminations, continuations, continuations-in-part, post-grant reviewed patents, inter parte reviewed patents, supplementally examined patents, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, post-grant review, inter parte review, supplemental, substitute, renewal, reexamination, and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grants authorized representatives of the above-identified ASSIGNEE the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

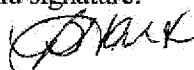
EXECUTED AT: Regina, SK, Canada

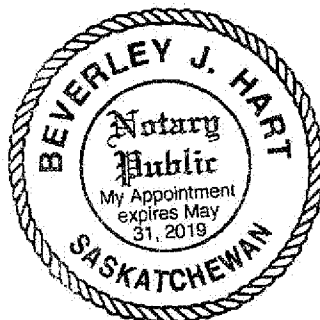


(Barry Hoffman)

Date: Oct 13, 2015

Notary seal and signature:





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