

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Georgy Ramasanovich Umarov	12/29/2007
Sergey Ivanovich Boychenko	12/29/2007
Valery Mikhaylovich Petukhov	12/29/2007
General Vacuum Limited	12/29/2007

RECEIVING PARTY DATA

Name:	Solaris Holdings Limited
Street Address:	P.O. Box 207
Internal Address:	13-14 Esplanade
City:	St. Helier, Channel Islands
State/Country:	JERSEY
Postal Code:	JE1 1BD

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10533216

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

55178294.000001

NAME OF SUBMITTER:

James H. Ortega

PATENT

500442774

REEL: 020382 FRAME: 0591

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Total Attachments: 5

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ASSIGNMENT

WHEREAS, **Georgy Ramasanovich Umarov, Sergey Ivanovich Boychenko, Valery Mikhaylovich Petukhov**, and **General Vacuum Limited**, a Jersey, Channel Islands company, having a place of business at PO Box 207, 13-14 Esplanade, St. Helier, Jersey, Channel Islands, JE1 1BD (hereinafter referred to as "**Assignor**"), are the owners of the patent applications identified on the Schedule attached hereto and the inventions disclosed; and

WHEREAS, **Solaris Holdings Limited**, a Jersey, Channel Islands company, having a place of business at PO Box 207, 13-14 Esplanade, St. Helier, Jersey, Channel Islands, JE1 1BD (hereinafter referred to as "**Assignee**") desires to acquire the entire right, title and interest in and to the inventions identified on the attached Schedule, and in and to the applications and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor has assigned, sold, transferred and set over and by these presents do assign, sell transfer and set over unto said Assignee the entire right, title and interest in and to (a) said inventions and worldwide rights therein; (b) said applications, including, but not limited to, all divisions, continuations, continuations-in-part and substitutions thereof; and (c) all United States and foreign patents which shall issue on said invention, including, but not limited to, all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file corresponding applications for Letters Patent on said invention in any and all foreign countries, and to claim priority under any and all treaties and conventions to which the United States of America is signatory including, but not limited to, the Paris Convention for the Protection of Industrial Property for such corresponding applications, or any division, continuation or substitution thereof, the same to be held and enjoyed by said Assignee, its assigns and successors, as fully

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and entirely as the same would have been held and enjoyed by us, had this assignment not been made.

The Assignor covenants and agrees that it will, at any time upon the request and at the expense of said Assignee, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said Assignee, to enable and assist said Assignee to (a) obtain Letters Patent, both domestic and foreign, on said invention; (b) establish, maintain and secure title in said Assignee, its successors and assigns, to said invention, applications and Letters Patent, including making such title of lawful public record; and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment.

The Assignor represents and covenants that no assignment, mortgage, sale, license, pledge, encumbrance or alienation of said invention or patent applications has been or will be made or entered into which would conflict with this assignment and sale.

The Assignor hereby authorizes and requests the Director of Patents and Trademarks of the United States to issue all Letters Patent based on said applications and each division, continuation, continuation-in-part, substitution, reissue, renewal and extension thereof to said Assignee and its successors.

The Assignor hereby grants JOHN G. FLAIM, Registration No. 37,323, BRIAN C. McCORMACK, Registration No. 36,601, WILLIAM D. McSPADDEN, Registration No. 44,234, JAMES H. ORTEGA, Registration No. 50,554 and RICHARD V. WELLS, Registration No. 53,757, NEAL G.J. MOTHEW, Registration No. 54,922, and all practitioners with the firm of Baker & McKenzie (Customer Number **23562**) with an office at 2001 Ross Avenue, Suite 2300, Dallas, TX 75201, the power to insert on this Assignment any further identification which

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.

The undersigned further declares that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the applications or any patent issued thereon.

General Vacuum Limited

By: 

Printed Name: Shiv Vikram Khemka

Title: Director


Date: 29th December 2007


Georgy Ramasanovich Umarov

Residence: 117588, Moscow, Tarysskaya st., 4, 220

Citizenship: Russian

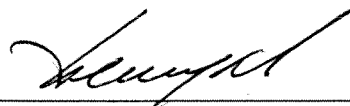
Date: 29th December 2007


Sergey Ivanovich Boychenko

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Date: 29th December 2007



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Date: 29th December 2007

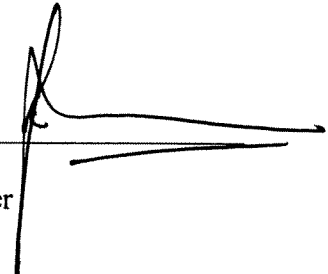
Solaris Holdings Limited

By: _____

Printed Name: Richard Prosser

Title: Alternate Director

Date: 29th December 2007



Schedule A

Country	Application Serial No.	Filing Date	Invention Title
US	10/533,216	May 23, 2005	METHOD FOR CONVERTING THERMAL ENERGY INTO USEFUL WORK

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