

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jeffrey P. Koplow	03/01/2012
RECEIVING PARTY DATA	
Name:	Sandia Corporation
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13409956
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NAME OF SUBMITTER:	Jennifer Lane Spaith
Total Attachments: 2 source=P224229US01_Assignment_030112#page1.tif source=P224229US01_Assignment_030112#page2.tif	

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PATENT ASSIGNMENT

WHEREAS, Jeffrey P. Koplow, having an address at 2512 Soren Way, San Ramon, California 94582 (hereinafter "Assignor"), am the sole inventor of an invention entitled "AXIAL FLOW HEAT EXCHANGER DEVICES AND METHODS FOR HEAT TRANSFER USING AXIAL FLOW DEVICES," as described and claimed in the specification forming part of an application for United States letters patent executed herewith. This application claims priority to Provisional Application No. 61/448,649, filed March 2, 2011. This application is also a Continuation-in-Part of U.S. Patent Application No. 12/856,440, filed August 13, 2010.

WHEREAS, Sandia Corporation, (hereinafter "Assignee") having an address at 1515 Eubank Boulevard SE, Albuquerque NM 87123, is desirous of acquiring all right, title and interest in and to the application, and to the inventions disclosed therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, be it known that Assignor has sold, conveyed, assigned and transferred, and does hereby sell, convey, assign, transfer and set over unto Assignee, the entire right, title and interest in and to: (i) the application and all the inventions claimed or disclosed in such application; (ii) all pending applications and all provisional applications, divisional applications, continuation applications, continuation-in-part applications, continued prosecution applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements, or claiming priority to or relying on the disclosure of the application, or to which the application directly or indirectly claims priority; (iii) all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions, improvements and/or patent applications; and (iv) all rights of priority resulting from the filing of said patents and/or patent applications ((i) – (iv) collectively, the "Patents").

Said sale, conveyance, assignment and transfer includes, without limitation, all rights to enforce, assert and sue for past, present and future infringement of the Patents, all rights to collect royalties on account of the Patents, and all rights to recover and collect for past, present and future damages related to the Patents, including injunctive relief or any other remedies of any kind.

Assignor hereby authorizes and requests the competent authorities to grant and to issue any and all such Patents in the United States and throughout the world to the Assignee and the entire right, title and interest therein, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made.

Assignor further agrees at any time to cooperate with Assignee, and to execute and to deliver upon request of the Assignee such additional documents, if any, as are necessary or desirable, in the prosecution of the Patents, and to secure patent protection on said inventions, discoveries and applications throughout all countries of the world, and otherwise to do such acts as are necessary to give full effect to and to perfect the rights of the Assignee under this Assignment, including the execution, delivery and procurement of any and all further documents evidencing this assignment, transfer and sale as may be necessary or desirable.

IN WITNESS WHEREOF, Assignor has caused this Patent Assignment to be signed on its behalf on this 1st day of MARCH, 2012.

[Assignor]

By: Jeffrey P. Koplow
(Signature)

JEFFREY P. KOPLow
(Print or type name)

SCIENTIST
(Print or type title)