

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	ASHLEY DEAN BYMAN	07/28/2014
RECEIVING PARTY DATA		
Name:	SOLEX THERMAL SCIENCE INC.	
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City:	CALGARY	
State/Country:	CANADA	
Postal Code:	T2C 3G5	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	14341440
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NAME OF SUBMITTER:	NICOLE GADE	
SIGNATURE:	/Nicole Gade/	
DATE SIGNED:	08/27/2014	
Total Attachments: 4		
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ASSIGNMENT

WHEREAS, We:

Ashley Dean BYMAN, whose full post office address is 45 Heritage Harbour, De Winton, Alberta T0L 0X0, Canada,

(hereinafter the "ASSIGNOR"),

am the inventor of the invention or inventions entitled **HEAT EXCHANGER FOR COOLING BULK SOLIDS** (hereinafter the "Invention"), described in the following application(s):

U.S. Patent Application No. 14/341,440, Filed July 25, 2014;

Canadian Patent Application No. , Filed July 25, 2014.

WHEREAS, **SOLEX THERMAL SCIENCE INC.** (hereinafter referred to as "ASSIGNEE") having a place of business at Suite 250, 4720-106 Avenue, SE, Calgary T2C 3G5, Canada, is desirous of acquiring and having assigned to it my full right, title and interest in and to the Invention and in and to any Letters Patent that may be granted therefor in any and all countries and jurisdictions; and

WHEREAS, I have agreed to make such assignment;

NOW, THEREFORE, in consideration of the foregoing premises, and of the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby sell, assign and transfer absolutely to the ASSIGNEE my full and exclusive right, title and interest in and to: (a) the Invention worldwide; (b) any and all patent applications for the Invention in all countries and jurisdictions and under all conventions and treaties, including the right to claim for any and all applications any priority rights to which such applications are entitled under conventions, treaties or otherwise, and all divisions, extensions, continuations, continuations-in-part, provisionals, non-provisionals, substitutions and renewals thereof; (c) all Letters Patent which may be granted therefor in any and all countries and jurisdictions, and any renewals, reissues, re-examinations or extensions of the Letters Patent, and (d) the exclusive right to bring or participate in any proceeding for past

infringement or any other actionable right under all of the foregoing and to receive all remedies that arise therefrom, to the end of the term for which the Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment not been made.

I represent that, other than by way of this Assignment, I have not assigned, licensed or otherwise encumbered any right, title or interest in or to the Invention.

In addition, I hereby authorize and request the patent offices in all countries and jurisdictions to issue any and all of the Letters Patent, when granted, to the ASSIGNEE.

Further, I agree that I will communicate to the ASSIGNEE or its representatives any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all papers relating to all patent applications including all divisionals, continuations, continuations-in-part, extensions, renewals, provisionals, non-provisionals or substitutes thereof, and the Letters Patent including any renewal, re-examination, extension and reissue thereof, execute all necessary assignment papers to cause any and all of the Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid the ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for the Invention in any and all countries and jurisdictions.

The undersigned hereby authorizes the firm of **Borden Ladner Gervais LLP** to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal throughout the world.

IN WITNESS whereof the Assignor has executed this Assignment
at Calgary, Alberta, this 28 day of July, 2014.

INVENTOR:

Ashley Dean Byman
Ashley Dean BYMAN

WITNESS FOR Ashley Dean BYMAN:

On this 28 day of July, 2014, before me personally appeared the above named **Ashley Dean BYMAN**, to me known and known by me to be the person described in and who executed the forgoing instrument, and acknowledge the same to be their own free act and deed.

Igor Makarenko
Signature

Print Name: IGOR MAKARENKO

On behalf of the ASSIGNEE, SOLEX THERMAL SCIENCE INC.

SIGNED at CALLARY, ALBERTA, this 28 day of JULY, 2014

By: [Signature]

Name: PAUL CRAWFORD

Title: PRESIDENT

WITNESS FOR the ASSIGNEE:

On this 28 day of JULY, 2014, before me personally appeared the above
named PAUL CRAWFORD, to me known and known by me to be the
person described in and who executed the forgoing instrument, and acknowledge the same to
be their own free act and deed.

Signature [Signature]

Print Name: BARRY MILLIN