PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2647300

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD R. DURBIN	12/11/2013
CHARLES J. FITERMAN	12/12/2013
DANIEL J. SULLIVAN	12/11/2013

RECEIVING PARTY DATA

Name:	THE BOEING COMPANY
Street Address:	100 N. RIVERSIDE PLAZA
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606-2016

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14105184

CORRESPONDENCE DATA

 Fax Number:
 (949)361-3064

 Phone:
 949-466-3860

Email: soneill@novatechip.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: NOVATECH IP LAW

Address Line 1: 1001 AVE. PICO, SUITE C500

Address Line 4: SAN CLEMENTE, CALIFORNIA 92673

ATTORNEY DOCKET NUMBER:	13-1134-US-NP
NAME OF SUBMITTER:	KARIN E. PETERKA
Signature:	/Karin E. Peterka/
Date:	12/13/2013 PATENT

502600980 REEL: 031776 FRAME: 0512

14105184

CH \$40,00

Total Attachments: 4

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PATENT REEL: 031776 FRAME: 0513

ASSIGNMENT

WHEREAS,

Richard R. Durbin, residing at Mukilteo, WA 98275, Charles J. Fiterman, residing at Mukilteo, WA 98275, and, Daniel J. Sullivan, residing at Mill Creek, WA 98012,

(hereinafter collectively referred to as "Assignor"), have invented certain new and useful improvements in "AIR CYCLE MACHINE PACK SYSTEM AND METHOD FOR IMPROVING LOW INLET PRESSURE COOLING PERFORMANCE" (hereinafter referred to as the "Invention") for which Assignor is making or has made application for LETTERS PATENT OF THE UNITED STATES, which application has been duly executed by Assignor on the date listed below.

WHEREAS.

The Boeing Company, a corporation organized and existing under the laws of the State of Delaware, US, having a place of business at 100 N. Riverside Plaza, Chicago, Illinois 60606-2016, with a mailing address of P.O. Box 2515, M/C 110-SD54, Seal Beach, California 90740, USA." (hereinafter referred to as "Assignee"), is desirous of acquiring the entire right, title and interest in and to the Invention and in and to any United States or foreign LETTERS PATENT that may be granted therefor in the United States of America and its territorial possessions and in any and all foreign countries.

NOW, THEREFORE,

in consideration of the sum of one dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignor does hereby assign, sell and transfer to Assignee the entire right, title and interest in and to the Invention in the United States of America and its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all LETTERS PATENT that may be granted therefor in the United States and its territorial possessions and in any and all foreign countries, and to any and all utility models, inventor's certificates and like government grants, divisions, reissues, continuations, continuation-in-part applications, substitutions and renewals thereof, and extensions of any of the applications that may be granted therefor, and the right to apply for LETTERS PATENT in foreign countries with full benefit of such priorities as may now or hereafter be granted to Assignor by local laws or by treaty including any international convention, for the protection of industrial property, together with the right to extend the protection of the United States LETTERS PATENT to the various territorial possessions now owned or which may be hereafter acquired by the United States of America. Assignee will hold all rights for its own use and benefit and for the use and benefit of its successors or assigns to the full end of the term for which the LETTERS PATENT may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor requests and authorizes the Commissioner of Patents and Trademarks, United States of America and its foreign counterparts, to issue the LETTERS PATENT when granted, in accordance with this assignment.

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PATENT REEL: 031776 FRAME: 0514 Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have signed below.	this Assignment on the date specified
Richard R. Durbin	<u>//-/1-7013</u> Date
Charles J. Fiterman	Date
Daniel J. Sullivan	

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

Richard R. Durbin	Date
Charles J. Enterman	12/12/13 Date
Daniel J. Sullivan	Date

Assignor further covenants and agrees with the Assignee that Assignor has a full and unencumbered title to the Invention, which title Assignor warrants to the Assignee. Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request and expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, extending, reissuing or reexamining United States and foreign LETTERS PATENT or the like for the Invention, and for maintaining and perfecting the Assignee's right to the Invention and LETTERS PATENT particularly in cases of interference conflict, opposition and litigation.

IN TESTIMONY WHEREOF, I have signed this Assignment on the date specified below.

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Richard R. Durbin	Date
Charles J. Fiterman	Date
Daniel J. Sulfivan	DEC 11, 2013