

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Liam S. Cavanaugh Pingree</td> <td>02/26/2010</td> </tr> <tr> <td>Noel T. Gerken</td> <td>02/26/2010</td> </tr> </tbody> </table>		Name	Execution Date	Liam S. Cavanaugh Pingree	02/26/2010	Noel T. Gerken	02/26/2010
Name	Execution Date						
Liam S. Cavanaugh Pingree	02/26/2010						
Noel T. Gerken	02/26/2010						
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							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13914724</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13914724		
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Application Number:	13914724						
CORRESPONDENCE DATA							
Fax Number:	9493613064						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	949-466-3860						
Email:	soneill@novatechip.com						
Correspondent Name:	NovaTech IP Law						
Address Line 1:	1001 Ave. Pico, Suite C500						
Address Line 4:	San Clemente, CALIFORNIA 92673						
ATTORNEY DOCKET NUMBER:	09-1170-US-DIV						
NAME OF SUBMITTER:	Karin E. Peterka						
Signature:	/Karin E. Peterka/						
Date:	06/12/2013						
Total Attachments: 3 source=091107USDIV_Assignment#page1.tif source=091107USDIV_Assignment#page2.tif source=091107USDIV_Assignment#page3.tif							

CH \$40.00 13914724

ASSIGNMENT

WHEREAS,

Liam S. Cavanaugh Pingree, residing at 4515 Third Ave. NW, Seattle, WA 98107; and, Noel T. Gerken, residing at 23111 SE 249th Ct., Maple Valley, WA 98038,

(hereinafter collectively referred to as "Assignor"), have invented certain new and useful improvements in **INTEGRATED THERMOELECTRIC HONEYCOMB CORE AND METHOD** (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(s) 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 within the United States of America and its territorial possessions and all foreign countries any United States or foreign **LETTERS PATENT** that may be granted therefore.

NOW, THEREFORE,

for good and valuable considerations, the receipt which is hereby acknowledged, Assignor has assigned, sold and transferred, and does assign, sell and transfer to the Assignee the entire right, title and interest in and to the Invention within the United States of America and its territorial possessions and all foreign countries and in and to any **LETTERS PATENT** of the United States and foreign countries, including utility models, inventor's certificates and like government grants, and all divisions, reissues, continuations, continuation-in-part applications and extensions of any of the applications that may be granted therefore, 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, US and its foreign counterparts, to issue the **LETTERS PATENT** when granted, in accordance with this assignment.

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 therefore, 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.



LIAM S. CAVANAUGH PINGREE

2/26/10

DATE

NOEL T. GERKEN

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 therefore, 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.

LIAM S. CAVANAUGH PINGREE



NOEL T. GERKEN

DATE

2-26-2010

DATE