

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>San Quach</td> <td>05/11/2012</td> </tr> <tr> <td>Steven Bruce Gautschi</td> <td>05/11/2012</td> </tr> <tr> <td>Christina E. Botnick</td> <td>05/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	San Quach	05/11/2012	Steven Bruce Gautschi	05/11/2012	Christina E. Botnick	05/11/2012				
Name	Execution Date												
San Quach	05/11/2012												
Steven Bruce Gautschi	05/11/2012												
Christina E. Botnick	05/11/2012												
RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Pratt & Whitney</td> </tr> <tr> <td>Street Address:</td> <td>400 Main Street</td> </tr> <tr> <td>Internal Address:</td> <td>MS 132-13</td> </tr> <tr> <td>City:</td> <td>East Hartford</td> </tr> <tr> <td>State/Country:</td> <td>CONNECTICUT</td> </tr> <tr> <td>Postal Code:</td> <td>06108</td> </tr> </table>		Name:	Pratt & Whitney	Street Address:	400 Main Street	Internal Address:	MS 132-13	City:	East Hartford	State/Country:	CONNECTICUT	Postal Code:	06108
Name:	Pratt & Whitney												
Street Address:	400 Main Street												
Internal Address:	MS 132-13												
City:	East Hartford												
State/Country:	CONNECTICUT												
Postal Code:	06108												
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>13469647</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13469647								
Property Type	Number												
Application Number:	13469647												
CORRESPONDENCE DATA													
Fax Number: (312)977-9959 Phone: 312-977-9903 Email: mboinski@millermatthiashull.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Miller, Matthias & Hull, LLP-Pratt & Whi Address Line 1: One North Franklin Street Address Line 2: Suite 2350 Address Line 4: Chicago, ILLINOIS 60606													
ATTORNEY DOCKET NUMBER:	50237/PA-0019996-US												
NAME OF SUBMITTER:	William J. Kramer												
Total Attachments: 2 source=19996-executed-assign#page1.tif source=19996-executed-assign#page2.tif													

OP \$40.00 13469647

ASSIGNMENT

Serial No: Concurrently filed herewith
Filed: Concurrently filed herewith
Title: Convective Shielding Cooling Hold Pattern

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns to **Pratt & Whitney**, having a place of business at **400 Main Street, MS 132-13, East Hartford, CT 06108** (hereinafter "assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, executed by the undersigned on the date indicated below, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

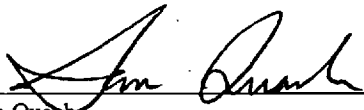
The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

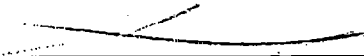
For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

Date: 5/11/2012



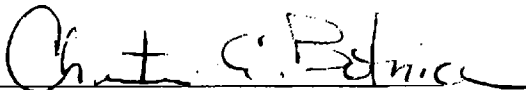
Sam Quach

Date: 05/11/2012



Steven Bruce Gautschi

Date: 5/11/2012



Christina E. Botnick