503171287 02/09/2015 PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | | NEW ASSIGNMENT | |
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| NATURE OF CONVEYANCE: | | ASSIGNMENT | |
| CONVEYING PARTY D | ΑΤΑ | | |
| | | Name | Execution Date |
| KEVIN ZACCHERA | | | 02/09/2015 |
| MATTHEW ANDREW HOUGH | | | 02/05/2015 |
| JONATHAN LEMOINE | | | 02/05/2015 |
| CHRISTOPHER TREAT | | | 02/05/2015 |
| ALBERTO A. MATEO | | | 02/05/2015 |
| RECEIVING PARTY DA | TA | | |
| Name: | United Technologies Corporation | | |
| Street Address: | One Financial Plaza | | |
| City: | Hartford | | |
| State/Country: | CONNECTICUT | | |
| Postal Code: | 06101 | | |
| | Total: 1 | | |
| PROPERTY NUMBERS Property Type | Total: 1 | Number | |
| | Total: 1 | | |
| Property Type | | Number | |
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| Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: | OATA e sent to provideo | Number 14617109 (248)988-8363 o the e-mail address first; if that is unsuccessful, it will be sent via US if if that is unsuccessful, it will be sent via US if 2489888360 docket@cgolaw.com KERRIE A. LABA 400 WEST MAPLE ROAD, SUITE 350 CARLSON, GASKEY & OLDS, PC BIRMINGHAM, MICHIGAN 48009 | |
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ASSIGNMENT (Joint Inventors)

WHEREAS, we, Kevin Zacchera, residing at 45 Grey Rocks Court, Glastonbury, CT 06033; Matthew Andrew Hough, residing at 40 Loomis Drive, Apt. B2, West Hartford, CT 06107; Jonathan Lemoine, residing at 20 Waite Avenue, South Hadley, MA 01075; Christopher Treat, residing at 465 Buckland Hills Dr., Apt. 27111, Manchester, CT 06042; and Alberto A. Mateo, residing at 88 Brent Drive, Vernon, CT 06066 (hereinafter referred to as Assignors), have invented new and useful improvements in:

ORIENTATION FEATURE FOR SWIRLER TUBE

which is set forth in an application in the United States executed on even date herewith:

AND WHEREAS, UNITED TECHNOLOGIES CORPORATION, (hereinafter referred to as Assignee), of One Financial Plaza, Hartford, Connecticut 06101, a corporation of the State of Delaware is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents. United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have assigned, sold and set over, and by these presents assign, sell and set over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by the Assignors on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignors had this Assignment and sale not been made.

AND the Assignor hereby covenants and agrees that the Assignors will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignors hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

Dated: _7/1/15

Kovin Zacchera

PATENT REEL: 034918 FRAME: 0544

Dated: 2/5/15

Dated: 45 15

Dated:

Dated: 2/5/15

Matthew Andrew Hough

/Jonathan Lemoine

" La

Christopher Treat

Alberto A. Mateo

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

KERRIE A. LABA CARLSON, GASKEY & OLDS, P.C. 400 W. Maple, Suite 350 Birmingham, MI 48009 (248) 988-8360

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