

## PATENT ASSIGNMENT COVER SHEET

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                  |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                      |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                 |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>           |
| KATHRYN S. READ                                                                                                                                                                                 | 01/16/2020                      |
| ANDREW J. LAZUR                                                                                                                                                                                 | 01/21/2020                      |
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| <b>Postal Code:</b>                                                                                                                                                                             | 06032                           |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                 |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                   |
| <b>Application Number:</b>                                                                                                                                                                      | 16785182                        |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                 |
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| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 107868US02-U173-012974          |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | ERIK WRIGHT                     |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Erik Wright/                   |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 02/07/2020                      |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                                 |
| source=2020-02-07_ASSIGN_107868US02-U173-012974#page1.tif                                                                                                                                       |                                 |
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# ASSIGNMENT

Attorney Docket No.

107868US02-U173-012974

First Named Inventor : Kathryn S. Read

Title : INTERNAL COOLING CIRCUITS FOR CMC AND METHOD OF MANUFACTURE

WHEREAS, we, Kathryn S. Read, of Marlborough, CT, U.S.A.; and Andrew J. Lazar, of Laguna Beach, CA, U.S.A., have invented certain new and useful improvements as described in an application entitled INTERNAL COOLING CIRCUITS FOR CMC AND METHOD OF MANUFACTURE for Letters Patent of the United States, the application being identifiable by its title and named inventors above, and/or being identifiable in the United States Patent and Trademark Office by Application No. \_\_\_\_\_, filed \_\_\_\_\_; and

WHEREAS, United Technologies Corporation, a corporation organized and existing under the laws of the State of Delaware, and having offices at 10 Farm Springs Road, Farmington, CT 06032, U.S.A., ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Kathryn S. Read  
Kathryn S. Read

1/16/2020  
Date

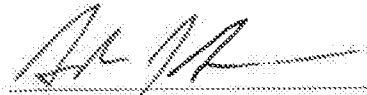
Brendan Lenz  
Witness Signature

Brendan Lenz  
Witness Printed Name

# ASSIGNMENT

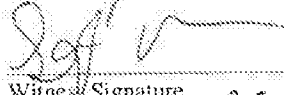
Attorney Docket No.

107268US02-U173-012974



Andrew J. Fazar

1/28/20  
Date



Witness Signature

Sophia M. Culm

Witness Printed Name